2027-2028

LEDYI

Linear Lighting Solutions

Light Beyond Illumination

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2027-2028
LEDYI LIGHTING CO., LTD.

Light Beyond Illumination

ABOUT LEDYI

Founded in 2011 and based in Shenzhen, LEDYI designs and manufactures linear lighting that integrates with architecture. Our portfolio includes LED strips, neon flex, and COB strips. With in-house R&D, engineering, and manufacturing, we tailor optical performance, form, dimensions, and controls to each project, supported by rigorous quality control and dependable delivery.

Light Beyond Illumination reflects our belief that light should shape spaces, express ideas, and create lasting value. From design consultation and sample validation to installation-ready solutions, LEDYI turns your design vision into engineered reality.



MANUFACTURE

Manufacturing Capacity

LEDYI operates a six-floor production base in Shenzhen, covering an area of over 10,000 square meters and employing more than 300 staff. The facility houses more than 15 high-speed SMT machines, 20 die-bonding COB machines, 7 automatic extrusion lines, and 6 luminaire production lines. This enables a complete production process for LED strips, including high-speed SMT, automatic welding, and a full range of water-resistant options. Our average daily production capacity is up to 25,000+ meters for LED strips, 5,000+ meters for Neon Flex, and 2,000+ meters for COB strips.

Additionally, LEDYI has modernized its factory to achieve a complete production process for linear luminaires, including precision machining, automatic assembly, color spraying, and free customization. Our average monthly production capacity reaches up to 100,000+ strips, ensuring high-quality, cost-effective products with quick delivery for our customers.

10000m²+
Plant area

2000m+
COB strip/day

300+
Staff

25000m+
LED strip/day

5000m+
Neon flex/day



COB LED strip production workshop
01



01
Sillcone neon post -processing



02
LED strip soldering process



03
LED strip waterproofing process



04
LED strip testing process



05
SMD assembly workshop

LABORATORY

Advanced Testing. Reliable Performance.

The LEDYI laboratory spans an area of over 500 square meters and is equipped with more than 34 sets of specialized testing equipment. These are divided into different zones: safety, EMC, photoelectric, IP water resistance, aging, and product reliability. Our inspections cover a broad range of products, including LED strips, neon strips, linear luminaires, power supplies, and related accessories. The inspection standards encompass safety, EMC, performance, and product reliability. Testing reports are documented throughout the product design evaluation and type approval phases to ensure consistent product quality.



GO-2000 Goniophotometer Testing Lab

OUR TESTING EQUIPMENT



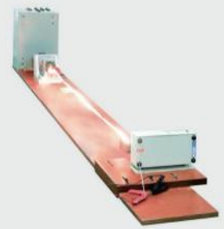
01

Arm Drop Test Machine



02

Integrating Sphere



03

Torsion Test



04

Microcomputer-Controlled Tensile Testing Machine



05

IPX3-6 Integrated Waterproof Test Chamber



06

UV Aging Test Chamber



07

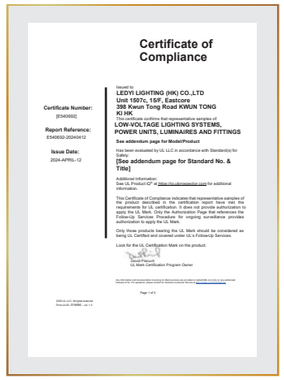
Temperature and Humidity Test Chamber

CERTIFICATE SYSTEM

LEDYI is certified under the ISO 9001:2015 Quality Management System. All of our products have successfully passed tests conducted by third-party authoritative labs and have earned various quality certifications such as UL, ETL, CB, CE, UKCA, BIS, REACH and ROHS, as required by different countries and regions.



Our Certifications

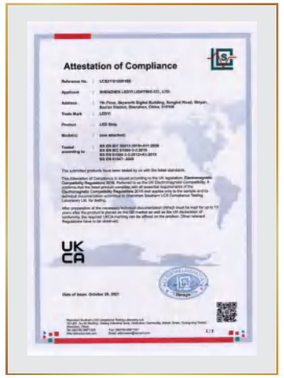


















WHY LEDYI?

From custom design to reliable delivery, LEDYI brings your lighting ideas to life with high-quality linear LED solutions and expert support for projects worldwide.

01
BUILT TO YOUR DESIGN

Every project has different requirements. We customize light output, size, shape, and control options to suit your design, with OEM and ODM services for your brand.

02
IN-HOUSE R&D

Our in-house teams work on PCB design, optics, and product structures. We use this knowledge to develop new products and solve practical lighting challenges.

03
CONSISTENT QUALITY

Quality control runs from incoming materials through production to final inspection. We focus on consistent light, reliable performance, and products that meet the agreed specifications.

04
TESTING & COMPLIANCE

Test reports and compliance documents are available for selected products. Our team helps you confirm the documents required for your project and target market.

05
A WIDE PRODUCT RANGE

Our range includes LED strips, neon flex, COB strips, and flexible wall washers, with options for different lighting effects, installation needs, and environments.

06
SUPPORT AT EVERY STAGE

From product selection and sample testing to production and delivery, our technical and sales teams provide clear answers and practical support at each stage.

07
MANUFACTURING CAPACITY

Our integrated R&D and manufacturing operations cover 10,000+ m², with 300+ professionals supporting product development, production, and delivery.

08
EXPERIENCE SINCE 2011

We have specialized in linear lighting since 2011, working with customers across international markets. This experience helps us understand different product requirements and project needs.

09
LONG-TERM PARTNERSHIPS

We build long-term relationships through product updates, order planning, and clear commercial terms. Our team works with you as your business and product needs develop.

10
AFTER-SALES SUPPORT

Our support continues after delivery. We help with technical questions and product issues, with warranty terms based on the product and the agreed conditions.

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NEON FLEX

The Neon Flex is made from high-quality gas-phase silicone by the renowned brand Dow SILASTIC™, produced through a tri-color co-extrusion process. It features a dust-resistant surface with a matte finish, offering a clean and smooth appearance while delivering uniform and natural light.
It demonstrates excellent resistance to saline solutions, acids, alkalis, corrosive gases, fire, and UV rays. Designed for different applications, it is available in various series, such as the TOP BEND series, SIDE BEND series, 3D series, and ROUND 360 series. The entire range has obtained UL, ETL, CB, CE, and RoHS certifications, ensuring stable quality and reliable performance.



NEON FLEX
MATERIAL COMPARISON

Highlighting the unique characteristics of different materials from multiple angles through various evaluation criteria.

✓ Excellent ○ Middle ✗ Poor

Feature	Gas-phase Silica Gel	Precipitated Silica Gel	Polyvinyl Chloride (PVC)	Thermoplastic Polyurethane (TPU)	Polyurethane Resin (PU)
Transparency	✓	✗	○	○	✓
Tear strength	✓	○	○	✓	○
Abrasion resistance	○	○	○	✓	○
Yellowing resistance	✓	○	✗	○	○
Temperature resistance (high and low temperature)	✓	✓	✗	○	○
Acid and alkali resistance	✓	○	✗	○	○
Formaldehyde resistance	✗	✗	✓	○	○
UV resistance	✓	✓	✗	○	○
Environmental friendliness	✓	✓	✗	○	○
Price	Higher	Lower	Lowest	Lower	Higher

Note: All of our LEDYi silicone neon use Dow Chemical SILASTIC™ ET-7021 silicone.

GAS-PHASE SILICA GEL
VS PRECIPITATED SILICA GEL

Comparison of Gas-Phase Silica Gel and Precipitated Silica Gel

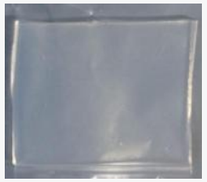
Gas-phase Silica Gel

Process
Gas-phase silica is produced by burning silicon tetrachloride at high temperatures in the presence of air, resulting in a fine mesh size of 1000-2000, free from bubbles and impurities.

Appearance
Transparent with high light transmittance.

Tensile strength
Stronger tensile properties
Tensile strength: 8-12 MPa
Tear strength: 25-50 N/mm
Appearance unchanged after stretching

Yellowing resistance
Excellent yellowing resistance; appearance stays virtually unchanged after 1000 hours of baking at 85°C.



Before baking



Baking at 85°C for 1000 hours

VS

Precipitated Silica Gel

Process
Precipitated silica gel is produced by adding sulfuric acid to sodium silicate, resulting in a coarser mesh size of 30-500, which is much rougher than gas-phase silica gel.

Appearance
Semitransparent or with a light yellow, milky appearance.

Tensile strength
Average tensile performance
Tensile strength: 6-7 MPa
Tear strength: 15-23 N/mm
Material turns white after stretching

Yellowing resistance
Tends to yellow; yellowing occurs after just 100 hours of baking at 85°C.



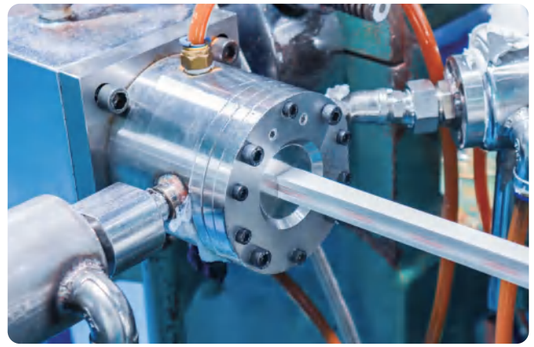
Before baking



Baking at 85°C for 1000 hours

PRODUCTION PROCESS COMPARISON

Comparison of integrated extrusion and hollow tubing methods for neon flex.





Integrated extrusion neon

- With the LED strip encased in silicone, it remains secure and stable, ensuring uniform and consistent lighting.
- Supports lengths up to 50 meters.
- The structure is stronger and feels more reliable
- Integrated extrusion with a specified light source ensures more stable quality and consistent parameters
- Difficult to support multiple models with low quantities per model.

VS

Hollow silicone tube

- Without being integrated with the silicone tube, the strip may loosen or shift, leading to light dots and uneven brightness.
- Maximum length typically 5 meters.
- The structure is weaker and feels softer.
- Independent production results in slightly less stable product quality and parameters.
- Ready-to-stock production offers greater flexibility for customization

SURFACE TREATMENT PROCESS

Before surface treatment

Glossy, attracts dust easily, and is hard to clean.



After surface treatment

Anti-static, dust-resistant, dirt-repellent, with a matte finish, tactile texture, and easy to clean.

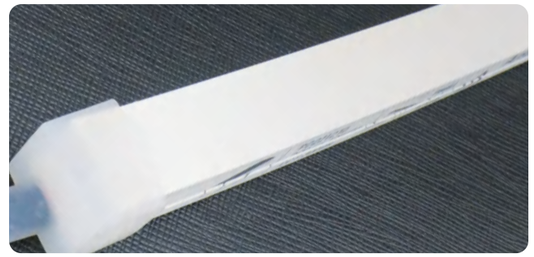


After surface treatment and with prolonged use

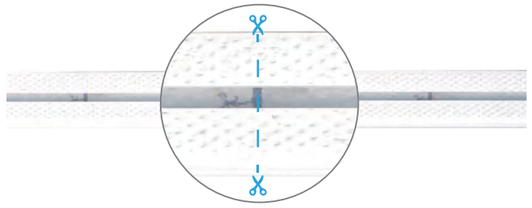
Before cleaning, it significantly reduces light output.



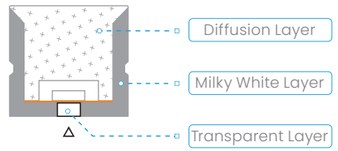
After cleaning, it becomes clear and transparent, providing uniform light distribution.



ADVANTAGES OF TRI-COLOR EXTRUSION



Tri-color extrusion with a clear window for precise, worry-free cutting.



HOW TO MOLD AN END CAP



Benefits

1. 2nd-gen silicone end-cap machine: liquid silicone, easy to use, high efficiency
2. Complete control with hassle-free delivery
3. No factory returns needed, cost-saving
4. DIY for IP67 protection

Silicone End-Cap Molding Solution



Injection Molding Machine



Mold



Air Compressor



Cutting Machine



Ring Squeezer

3 main steps for molding

1. Load A and B liquid silicone
2. Set up the mold
3. Press start button

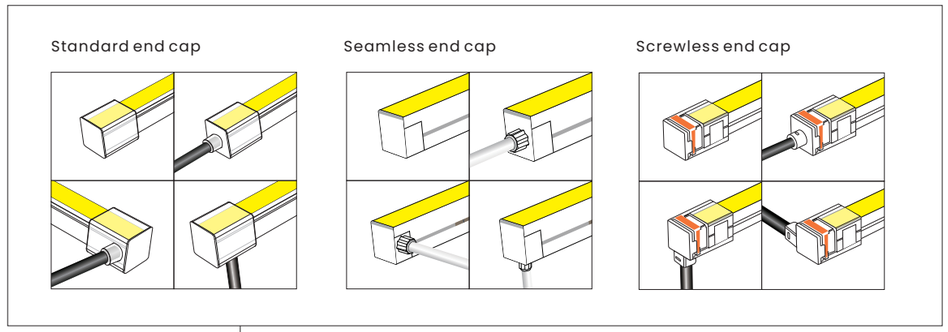
For details, scan the QR code below

Step-by-Step Video

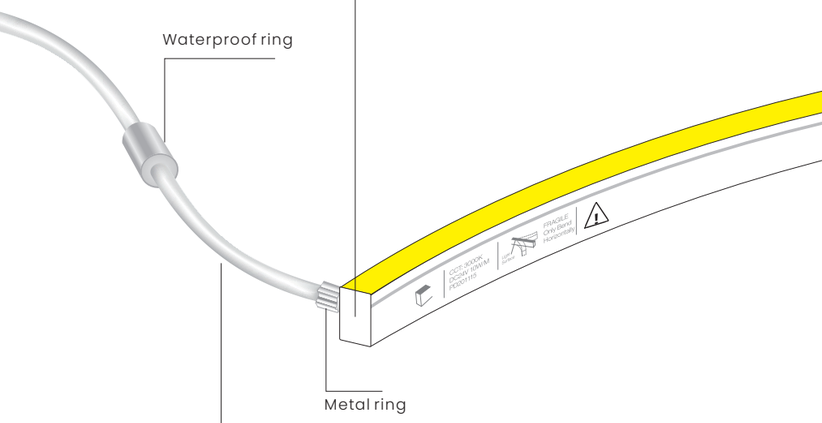
User Manual

NEON FLEX SOLUTION

Cable outlet

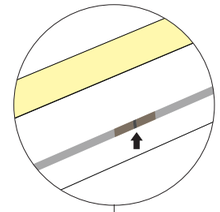


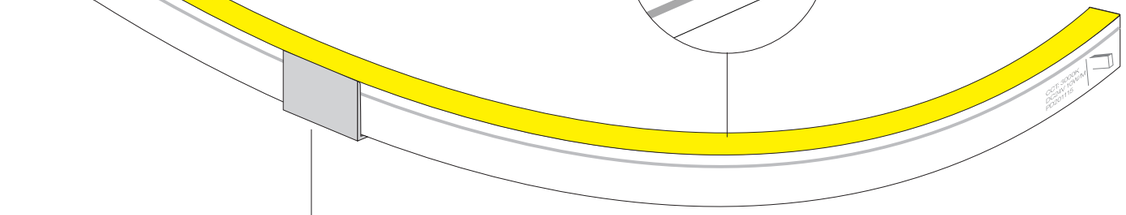
Waterproof ring



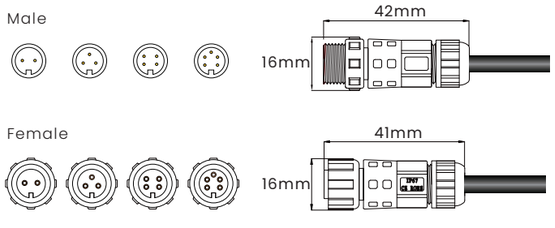
Integrally extruded
Max length up to 50meters with one end power

Cutting mark

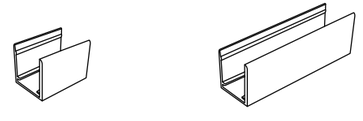




IP67 cable connector



Mounting Accessories



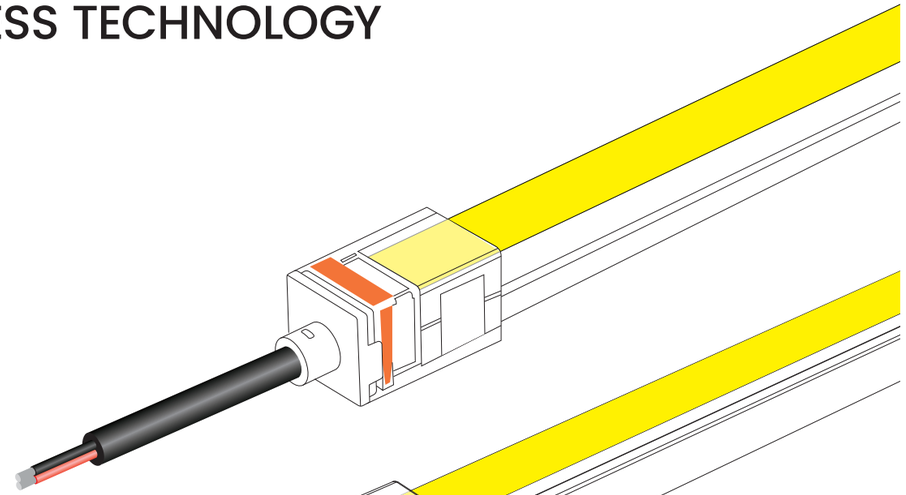
Mounting Clip

Mounting Profile

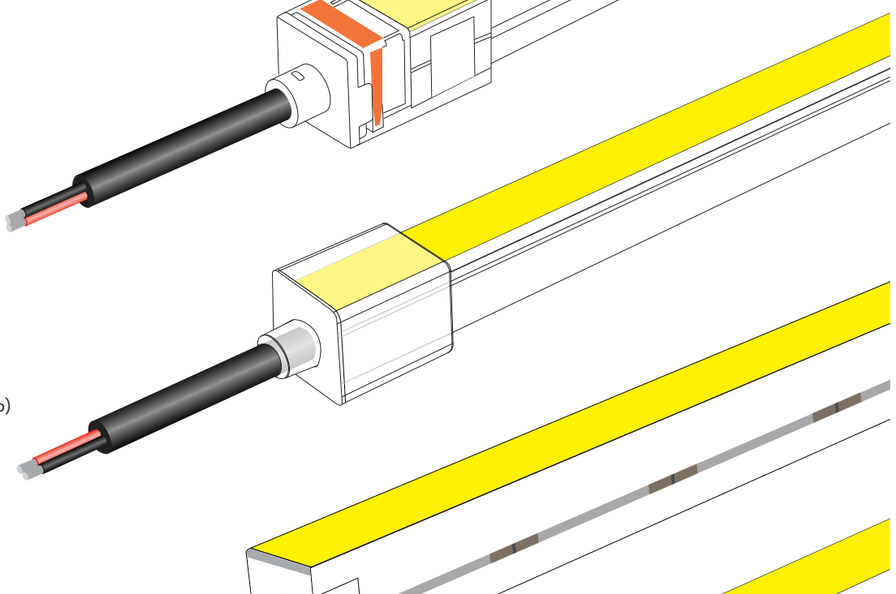
Moldable Groove

IP PROCESS TECHNOLOGY

IP67
(Screwless end cap)

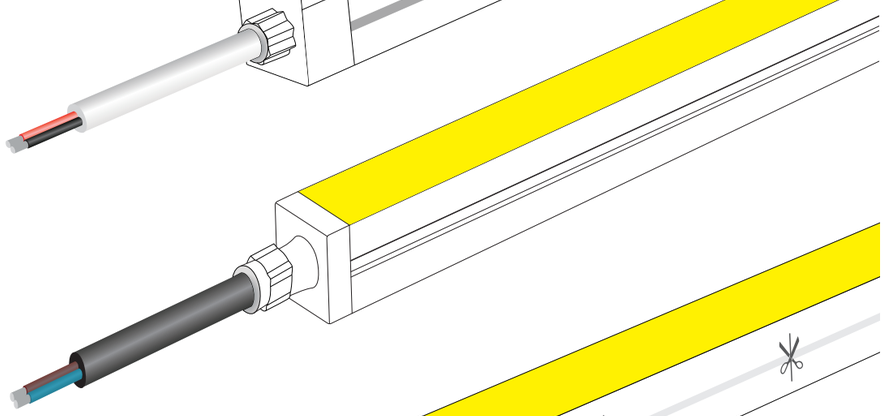


IP67
(Standard silicone end cap)



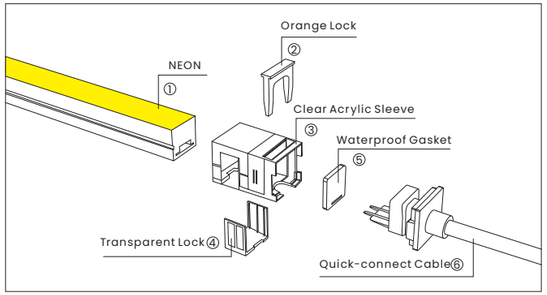
IP67
(Seamless end cap)

IP68
(Silicone neon)

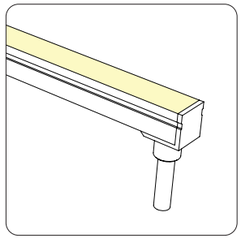


IP68
(PU neon)

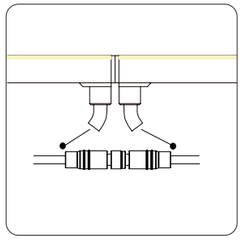
IP67 screwless end cap deconstruction diagram



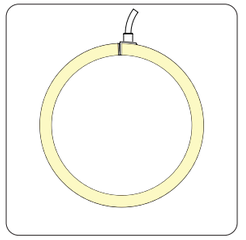
IP67 seamless end cap without dark area



Linear interconnection without dark area



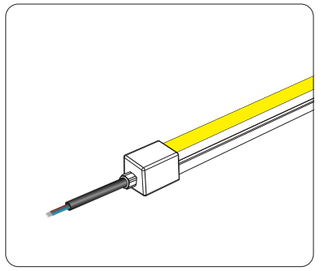
Curve interconnection of lighting outward without dark area



Curve interconnection of lighting outward without dark area



IP68 silicone neon and IP68 PU neon, used under the water.



Pool

IP68 silicone neon: ≤ 5 meters deep
IP68 PU neon: ≤ 3 meters deep





NEON FLEX CUSTOMIZATION

BUILT TO YOUR DESIGN

From profile and light effect to connection and installation, we tailor neon fex to bring your design to life.

PROFILE & DIMENSIONS

Custom cross-section shapes and dimensions to fit your architectural details.

LIGHT EMISSION

Single-face, three-sided, or 360° illumination options for different visual effects.

BENDING OPTIONS

Top-bend, side-bend, or 3D-bend options selected to suit your installation.

LIGHT COLOR & QUALITY

Color temperature, single-color, tunable white, or RGB/RGBW options, with CRI and color consistency choices.

LIGHT OUTPUT & POWER

Lumen output and wattage per meter tailored to your lighting requirements.

VOLTAGE & CONTROL

Operating voltage, dimming, and control options to match your lighting system.

LENGTH & CUTTING

Custom lengths and cut increments to fit your layout and minimize on-site work.

CABLE EXITS & CONNECTORS

Connector

End, side, or bottom cable exits, with cable and connector options for your installation.

HOUSING COLOR & FINISH

Housing colors and surface finishes selected to complement the surrounding materials.

MATERIALS & IP RATINGS

Material and IP rating options selected for your installation environment.

MOUNTING & ACCESSORIES

Mounting clips, channels, and accessories selected to suit your installation details.

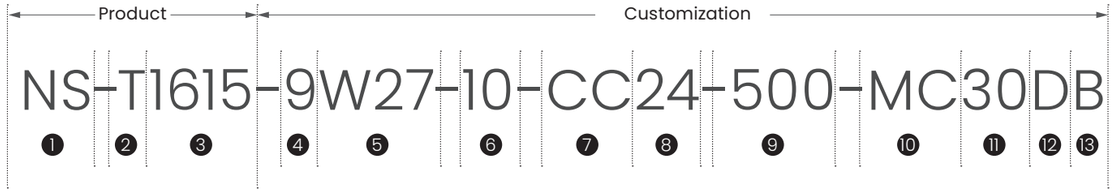
BRANDING & PACKAGING

Packing

Custom labels, reels, bags, and packaging with your branding.

Customization options vary by product. Our team will confirm the specifications for your project.

ORDERING CODE



Simple steps, comprehensively open for personal product customization

Series	Code 1
Standard	NS
Underwater	NW
Pixel	NP
High Efficiency	NH
Black	NB
Free Cutting	NF
Dual	ND
Recessed	NR
Eco	NE
Skyline	NK

Bending Direction	Code 2
Top Bend	T
Side Bend	S
3D	3D
Round	R

Size	Code 3
16mm*15mm	1615

CRI	Code 4
RGB or colorful, no CRI	0
CRI>80	8
CRI>90	9

CCT/Color	Code 5
2700K	W27
3000K	W30
4000K	W40
6000K	W60
Red	R
Green	G
Blue	B
Tunable White	TW
RGB	RGB
RGBW	RGBW
RGBTW	RGBTW

Power Consumption	Code 6
5w/m	5
10w/m	10
15w/m	15

Circuit Type	Code 7
Constant Voltage	CV
Constant Current	CC
Alternating Current	AC

Input Voltage	Code 8
12V	12
24V	24

Strip Length	Code 9
5m/reel	500
10m/reel	1000
15m/reel	1500
50m/reel	5000

End Cap	Code 10
Molded End Cap	MC
Solder-free End Cap With Screw	FC1
Solder-free End Cap Without Screw	FC2
Silicone End Cap	SC

Wire Length	Code 11
30CM	30
50CM	50
100CM	100

Entry Cable	Code 12
One end	S
Dual end	D

Entry Cable Direction	Code 13
Front	F
Side	S
Bottom	B

WIRE RECOGNITION

COLOR	PIN	Wire	Color indication	Wiring instructions
White	2PIN			Red: V+ Black: V-
CCT	3PIN			Black: V+ White: C- Yellow: W-
RGB	4PIN			Black: V+ Red: R- Green: G- Blue: B-
RGBW	5PIN			Black: V+ Red: R- Green: G- Blue: B- White: W-
SPI	3PIN			Red: V+ Green: DAT Blue: GND
DMX	5PIN			Black: DAT Red: V+ Green: PI Blue: A/DAT+ White: B/DAT-

TOP BEND NEON

This series of neon flex can be bent vertically and is available in various sizes, ranging from 6x6mm to 50x25mm.

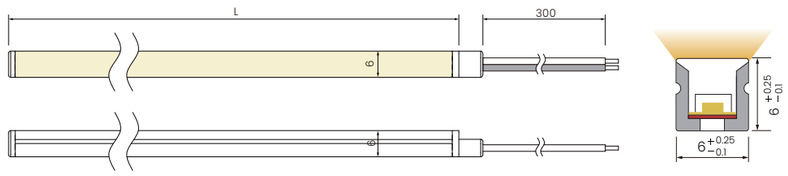


TOP BEND 0606



- 6mm slim luminous surface, sleek and refined, ideal for indoor outlines and furniture integration.
- Tri-color silicone extrusion with a clear window for easy cutting.
- High-density LED strip inside ensures uniform, glare-free light emission.
- 3-5 years warranty, working life ≥ 50000 hours.

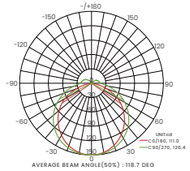
Dimensions(Unit: mm)



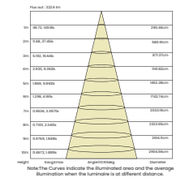
Basic Parameters

Model No.	NS-T0606
Working Voltage	DC24V
Rated Power(w/m)	6w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

Output	Low Output
Power(w/m)	6w
Max. Ambient tempt.(Tamax)	55℃



Light Distribution Curve
(24V, 6W, 4000K)



Effective Average Illuminance

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	6w
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	288	6	48.0
	2400K±150	336	6	56.0
	2700K±150	378	6	63.0
	3000K±150	381	6	63.5
	3500K±200	378	6	63.0
	4000K±300	397	6	66.2
	5700K±400	372	6	62.0
--	Red	160	6	26.6
	Green	402	6	72.5
	Blue	85	6	14.2
	Yellow	119	6	19.83
	Orange	149	6	24.83

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Silicone End Cap (IP65)



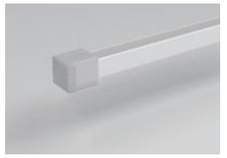
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Integral End Cap (IP44)



Front Cable Entry



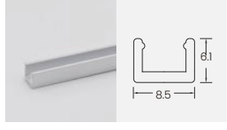
Closed End Cap

Accessory

Accessories



Aluminium Mounting clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m

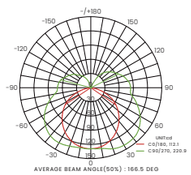


2 PIN Wire

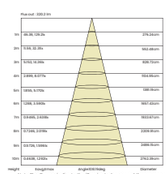
TOP BEND 1010



- 10mm slim luminous surface with 3-sided light emission, ideal for indoor outlines.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.

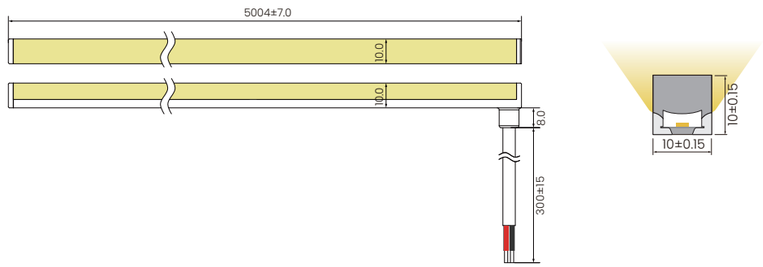


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-T1010
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	35.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2100K±150	645	10	64.5
	2400K±150	685	10	68.5
	2700K±150	740	10	74
	3000K±150	790	10	79
	3500K±200	720	10	72
	4000K $^{+400}_{-200}$	830	10	83
	5000K $^{+500}_{-300}$	830	10	83
	6500K±500	810	10	81
--	Red	330	10	33
	Green	920	10	92
	Blue	175	10	17.5
	Yellow	300	10	30
	Pink	350	10	35

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

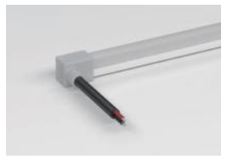
Cable Lead

Cable Lead Option

Silicone End Cap (IP67)



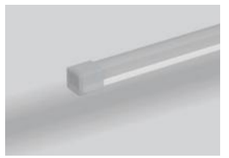
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Integral End Cap (IP67)



Side Cable Entry



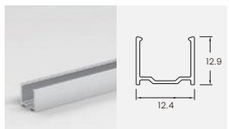
Bottom Cable Entry



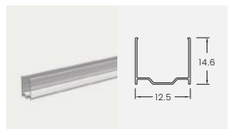
Closed End Cap

Accessory

Accessories



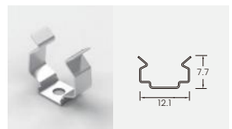
Aluminium Profile
Dimension: 1m



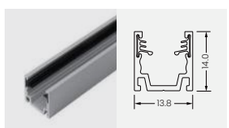
Transparent plastic groove
Dimension: 1m



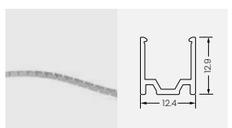
Aluminium Mounting clips
Dimension: 2cm



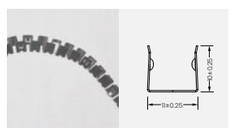
Stainless Steel Mounting clips
Dimension: 0.8cm



Internal Gear Profile
Dimension: 1m



Curved profile
Dimension: 1m



Curved profile
Dimension: 1m



PVC Cable
2PIN



Silicone Cable
2PIN



IP67 Connector
Wire Gauge:
20AWG



IP67 Connector
Wire Gauge:
20AWG

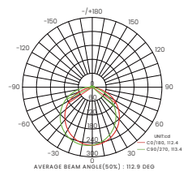


Anti-rain connector

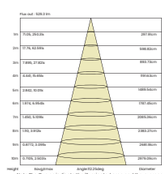
TOP BEND 1010S



- 10mm wide luminous surface, slim and delicate.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥50000 hours.

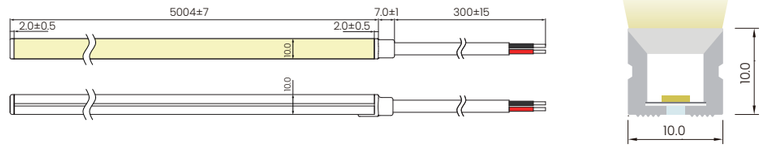


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-T1010S
Working Voltage	DC 24V
Rated Power(w/m)	5w/10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w
Max. Run Length	19m/13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	580	10	58
	2100K±150	620	10	62
	2400K±150	660	10	66
	2700K±150	706	10	70.6
	3000K±150	675	10	67.5
	3500K±200	665	10	66.5
	4000K $^{+400}_{-200}$	764	10	76.4
	5000K $^{+500}_{-300}$	762	10	76.2
	6500K±500	742	10	74.2
--	Red	319	10	31.9
	Green	782	10	78.2
	Blue	154	10	15.4
	Yellow	238	10	23.8
	Orange	327	10	32.7
	Pink	618	10	61.8

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	330	5	65.9
	6500K±500	361	5	72.1
	2700K+6500K	686	10	68.6

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	69	3.3	20.8
	G	196	3.3	59.3
	B	33	3.3	9.9
	RGB	304	10	30.4

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Silicone End Cap (IP67)

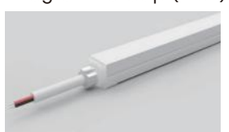

Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry

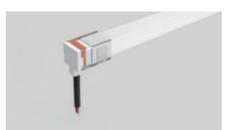

Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws (IP67)


Front Cable Entry

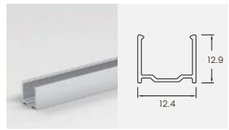

Side Cable Entry


Bottom Cable Entry

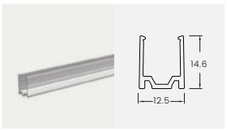

Closed End Cap

Accessory

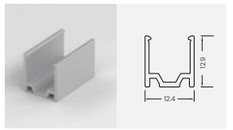
Accessories



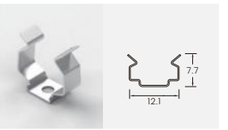
Aluminium Profile
Dimension: 1m



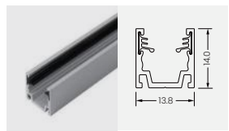
Transparent plastic groove
Dimension: 1m



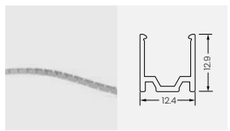
Aluminium Mounting clips
Dimension: 2cm



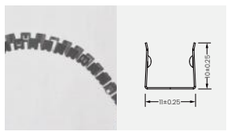
Stainless Steel Mounting clips
Dimension: 0.8cm



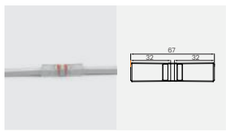
Internal Gear Profile
Dimension: 1m



Curved profile
Dimension: 1m



Curved profile
Dimension: 1m



IP67 Connector


PVC Cable
2PIN, 3PIN, 4PIN,


Silicone Cable
2PIN, 3PIN, 4PIN


IP67 Connector
Wire Gauge:
20AWG-24AWG

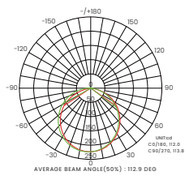

IP67 Connector
Wire Gauge:
20AWG


Anti-rain connector

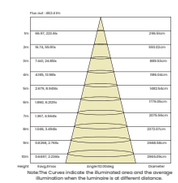
TOP BEND 1212



- 12mm flat luminous surface, ideal for indoor and outdoor decorative lighting.
- Tri-color silicone extrusion with a clear window for easy cutting, IP67 waterproof.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥50000 hours.

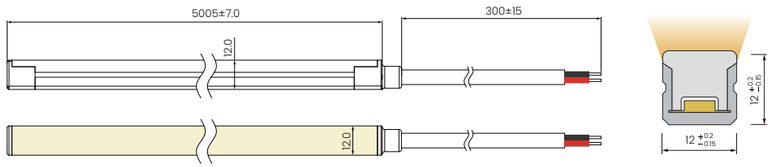


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-T1212
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45℃

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w
Max. Run Length	19m/13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	505	10	50.5
	2100K±150	527	10	52.7
	2400K±150	557	10	55.7
	2700K±150	583	10	58.3
	3000K±150	605	10	60.5
	3500K±200	599	10	59.9
	4000K +400 −200	655	10	65.5
	5000K +500 −300	651	10	65.1
	6500K±500	611	10	61.1
--	Red	273	10	27.3
	Green	647	10	64.7
	Blue	123	10	12.3
	Yellow	201	10	20.1
	Orange	275	10	27.5
	Pink	536	10	53.6

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	286	5	57.1
	6500K±500	323	5	64.6
	2700K+6500K	604	10	60.4

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	59	3.3	17.8
	G	163	3.3	49.5
	B	26	3.3	7.8
	RGB	253	10	25.3

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry

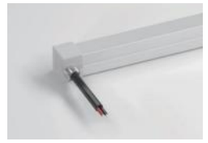

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

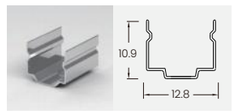

Side Cable Entry


Bottom Cable Entry

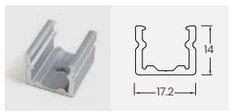

Closed End Cap

Accessory

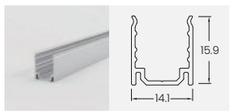
Accessories



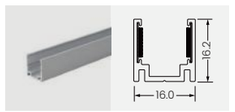
Mounting Clips
Dimension: 2cm



Aluminium Mounting clips : 1714
Dimension: 2cm



Aluminium Profile : 1416
Dimension: 1m



Internal Gear Profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN,


Silicone Cable
2PIN, 3PIN, 4PIN


IP67 Connector
Wire Gauge:
20AWG

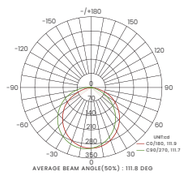

IP67 Connector
Wire Gauge:
20AWG


Anti-rain connector

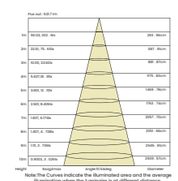
TOP BEND 1615 HOT



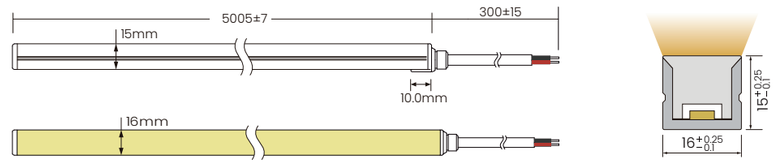
- Dow SILASTIC™ silicone, high transmission.
- 3-Step MacAdam finished CCT.
- IP67 integrated extrusion molding.
- 9-test proven resistance to acid, alkali, flame, and UV yellowing.
- Dust-resistant matte finish, soft uniform light.
- Run length >10m, production length up to 30m.
- 3-5 years warranty, working life ≥50000 hours.



Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-T1615
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25ºC~60ºC
Ambient Temperature	Tamin=-25ºC, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55ºC	45ºC	35ºC



Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	12m/18m/27m
Cutting Length	50mm

Parameters (CC)

CRI	CCT	SDCM	lm/m	w/m	lm/w
≥90	1800K±150	--	483	10	48.3
	2100K±150	--	528	10	52.8
	2400K±150	--	565	10	56.5
	2700K	≤3	615	10	61.5
	3000K	≤3	653	10	65.3
	3500K	≤3	668	10	66.8
	4000K	≤3	691	10	69.1
	5000K	≤4	651	10	65.1
	6500K	≤5	685	10	68.5
--	Red	--	275	10	27.5
	Green	--	609	10	60.9
	Blue	--	123	10	12.3
	Yellow	--	178	10	17.8
	Orange	--	262	10	26.2
	Pink	--	558	10	55.8

Free Cut

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.3mm

Parameters

CRI	CCT	SDCM	lm/m	w/m	lm/w
≥90	1800K±150	--	580	10	58.0
	2100K±150	--	674	10	67.4
	2400K±150	--	721	10	72.1
	2700K	≤3	771	10	77.1
	3000K	≤3	785	10	78.5
	3500K	≤3	806	10	80.6
	4000K	≤3	781	10	78.1
	5000K	≤4	797	10	79.7
	6500K	≤5	776	10	77.6



Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	11w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	710	9.5	74.7
	6500K±500	762	9.5	80.2
	2700K+6500K	888	11	80.7



RGB

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10w/11w
Max. Run Length	5m/13m
Cutting Length	83.3mm/125mm

Parameters (CV 5m)

CRI	CCT	lm/m	w/m	lm/w
--	R	60	3.3	18.1
	G	215	3.3	65.3
	B	37	3.3	11.1
	RGB	307	10	30.7

Parameters (CC 13m)

CRI	CCT	lm/m	w/m	lm/w
--	R	54	3.6	15
	G	209	3.6	58
	B	35	3.6	10
	RGB	300	11	27



RGBW

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	15w
Max. Run Length	5m/10m
Cutting Length	125mm/83.3mm

Parameters (CV 5m)

CRI	CCT	lm/m	w/m	lm/w
--	R	67	3.8	17.8
	G	230	3.8	61.2
	B	43	3.8	11.5
≥90	3000K±150	222	3.8	59.1
	RGBW	548	15	36.5

Parameters (CC 10m)

CRI	CCT	lm/m	w/m	lm/w
--	R	57	3.6	16
	G	137	3.6	38
	B	38	3.6	11
≥80	4000K±300	167	3.6	46
	RGBW	405	15	27

DMX 512 Digital

DMX RGBW

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	41	5	8.2
	G	102	5	20.3
	B	30	5	5.9
≥80	4000K $^{+400}_{-200}$	123	5	24.6
	RGBW	291	15	19.4

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap : Hydraulic pressing (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws (IP67)


Front Cable Entry

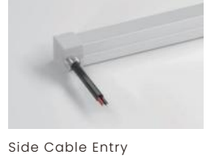

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone end cap (IP67)


Front Cable Entry

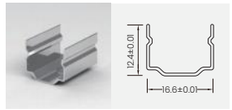

Side Cable Entry

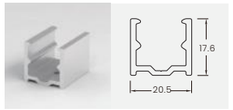

Bottom Cable Entry

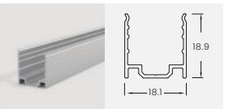

Closed End Cap

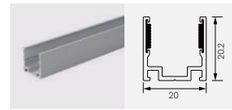
Accessory

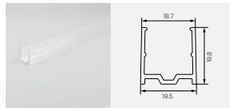
Accessories

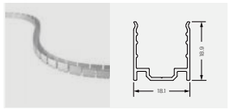

Mounting Clips
Dimension: 2cm

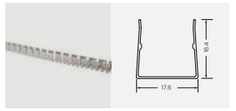

Aluminum Mounting Clips
Dimension: 2cm

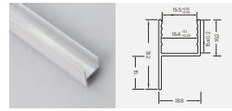

Aluminum Profile
Dimension: 1m

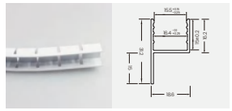

Internal Gear Profile
Dimension: 1m

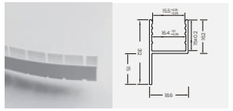

PC Profile
Dimension: 1m

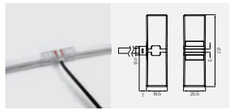

Curved profile
Dimension: 1m

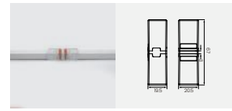

Curved profile
Dimension: 1m


Wing-designed
Mounting Channel (Straight)
Dimension: 1m


Wing-designed
Mounting Channel (Vertical)
Dimension: 1m


Wing-designed
Mounting Channel (Horizontal)
Dimension: 1m


IP67 Connector (Cable Entry)


IP67 Connector (No Cable Entry)


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG


IP67 Connector
Wire Gauge:
20AWG-22AWG

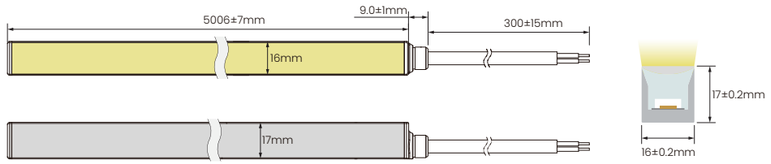

Anti-rain connector

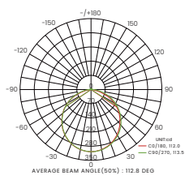
TOP BEND 1617 NEW



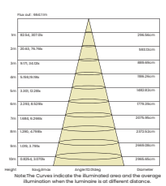
- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Unique design without a transparent cutting window to prevent light leakage, featuring a precise laser-cut mark on the silicone tube.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NS-T1617
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	24m/15m/12m
Cutting Length	50mm

Parameters (CC)

CRI	CCT	SDCM	lm/m	w/m	lm/w
≥90	1800K±100	--	487	10	48.7
	2100K±150	--	547	10	54.7
	2400K±150	--	593	10	59.3
	2700K	≤3	637	10	63.7
	3000K	≤3	664	10	66.4
	3500K	≤3	690	10	69.0
	4000K	≤3	699	10	69.9
	5000K	≤4	715	10	71.5
	6500K	≤5	702	10	70.2
--	Red	--	291	10	29.1
	Green	--	676	10	67.6
	Blue	--	138	10	13.8
	Yellow	--	219	10	21.9
	Orange	--	257	10	25.7
	Pink	--	579	10	57.9

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	11w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	780	10	78.0
	6500K±500	830	10	83.0
	2700K+6500K	924	11	84.0

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	72	3.3	21.9
	G	260	3.3	78.8
	B	43	3.3	13.0
	RGB	380	10	38.0

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	83	3.7	22.0
	G	306	3.7	81.6
	B	54	3.7	14.4
≥90	3000K±150	270	3.7	72.1
	RGBW	749	15	49.9

DMX 512 Digital

DMX RGBW

Voltage	DC24V
IC Model	UCS512CL
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	59	5	11.8
	G	189	5	37.7
	B	38	5	7.5
≥80	4000K $^{+400}_{-200}$	160	5	32.0
	RGBW	450	15	30.0

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Solder Free End Cap Without Screws (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

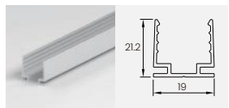

Side Cable Entry


Bottom Cable Entry

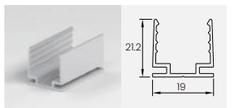

Closed End Cap

Accessory

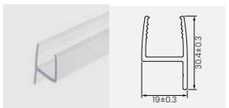
Accessories



Aluminium Profile
Dimension: 1m



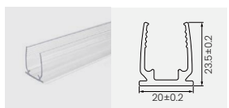
Aluminium Mounting clips
Dimension: 3.5cm



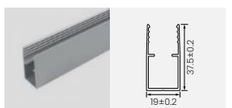
PC Profile
Dimension: 1m



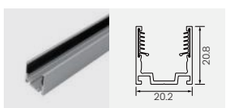
PC Clip
Dimension: 3.5cm



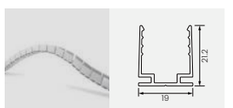
PC Profile
Dimension: 1m



Aluminium Profile
Dimension: 1m

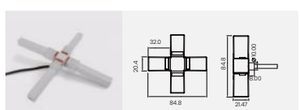


Internal Gear Profile
Dimension: 1m



Curved profile
Dimension: 1m


IP67 Connector


IP67 Cross Connector


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG


IP67 Connector
Wire Gauge:
20AWG-22AWG

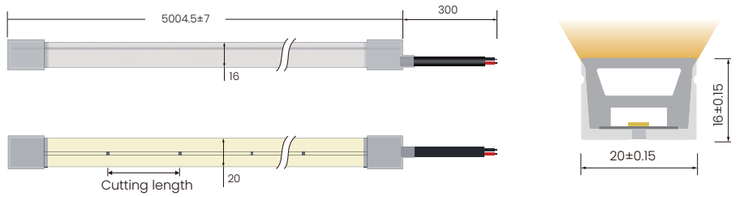

Anti-rain connector

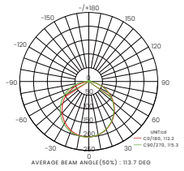
TOP BEND 2016



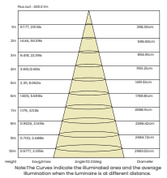
- 20mm flat luminous surface, ideal for indoor and outdoor architectural lighting.
- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NS-T2016
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w/15w
Max. Run Length	27m/18m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	480	10	48.0
	2100K±150	510	10	51.0
	2400K±150	530	10	53.0
	2700K±150	566	10	56.6
	3000K±150	575	10	57.5
	3500K±200	593	10	59.3
	4000K +400 −200	601	10	60.1
	5000K +500 −300	602	10	60.2
	6500K±500	569	10	56.9
--	Red	255	10	25.5
	Green	597	10	59.7
	Blue	121	10	12.1
	Yellow	195	10	19.5
	Orange	260	10	26.0
	Pink	519	10	51.9

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	416	7.5	55.4
	6500K±500	427	7.5	56.9
	2700K+6500K	836	15	55.7

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	97	5	19.4
	G	269	5	53.8
	B	51	5	10.1
	RGB	405	15	27.0

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	74	3.8	19.8
	G	263	3.8	70.0
	B	48	3.8	12.7
≥90	3000K±150	249	3.8	66.5
	RGBW	653	15	43.5

DMX 512 Digital

DMX RGB

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	44	5	8.8
	G	172	5	34.4
	B	30	5	5.9
	RGB	246	12	20.5

DMX 512 Digital

DMX RGBW

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

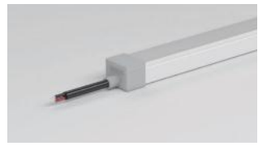
CRI	CCT	lm/m	w/m	lm/w
--	R	43	5	8.5
	G	127	5	25.3
	B	29	5	5.7
≥80	4500K±300	141	5	28.2
	RGBW	338	15	22.5

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Silicone End Cap (IP67)



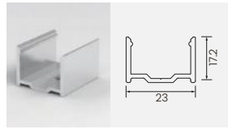
Front Cable Entry



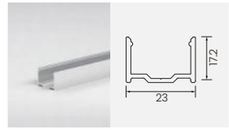
Closed End Cap

Accessory

Accessories



Aluminium Mounting clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN



IP67 Connector
Wire Gauge:
20AWG-22AWG



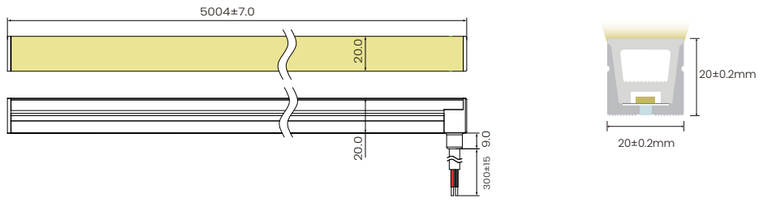
Anti-rain connector

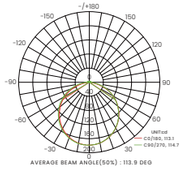
TOP BEND 2020



- 20mm flat luminous surface, ideal for indoor and outdoor architectural lighting.
- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NS-T2020
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w/15w
Max. Run Length	27m/18m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	420	10	42.0
	2100K±150	460	10	46.0
	2400K±150	490	10	49.0
	2700K±150	513	10	51.3
	3000K±150	542	10	54.2
	3500K±200	520	10	52.0
	4000K $^{+400}_{-200}$	529	10	52.9
	5000K $^{+500}_{-300}$	526	10	52.6
	6500K±500	545	10	54.5
--	Red	228	10	22.8
	Green	547	10	54.7
	Blue	111	10	11.1
	Yellow	176	10	17.6
	Orange	225	10	22.5
	Pink	471	10	47.1

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	383	7.5	51.0
	6500K±500	402	7.5	53.6
	2700K+6500K	779	15	51.9

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	91	5	18.1
	G	247	5	49.3
	B	46	5	9.2
	RGB	374	15	24.9

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	69	3.8	18.3
	G	243	3.8	64.7
	B	46	3.8	12.2
≥90	3000K±150	228	3.8	60.7
	RGBW	594	15	39.6

DMX 512 Digital

DMX RGB

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	42	5	8.3
	G	156	5	31.2
	B	27	5	5.4
	RGB	224	12	18.7

DMX 512 Digital

DMX RGBW

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	37	5	7.3
	G	111	5	22.1
	B	27	5	5.3
≥80	4500K±300	126	5	25.1
	RGBW	302	15	20.1

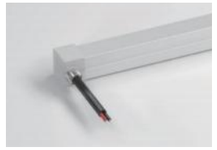
Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Silicone End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Integral End Cap (IP67)

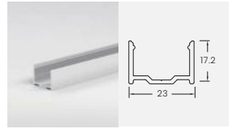

Side Cable Entry


Bottom Cable Entry

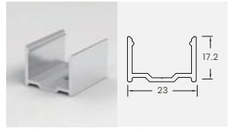

Closed End Cap

Accessory

Accessories



Aluminium Profile
Dimension: 1m



Aluminium Mounting clips
Dimension: 2cm


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG

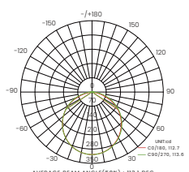

IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

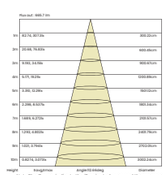
TOP BEND 3020 HOT



- Wide 30mm flat luminous surface, ideal for indoor and outdoor architectural lighting.
- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥ 50000 hours.

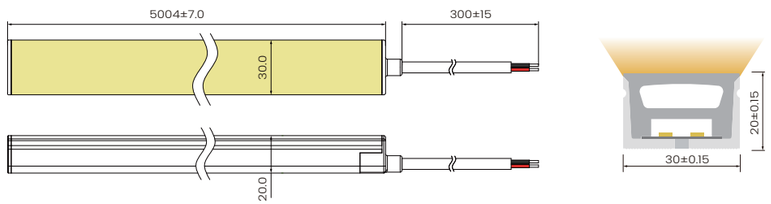


Light Distribution Curve
(24V, 20W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-T3020
Working Voltage	DC24V
Rated Power(w/m)	20w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	High Output
Power(w/m)	20W
Max. Ambient tempt.(Tamax)	35°C



Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	20w
Max. Run Length	9m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2100K±150	1020	20	51
	2400K±150	1040	20	52
	2700K±150	1210	20	60.5
	3000K±150	1220	20	61
	3500K±200	1130	20	56.5
	4000K +400 −200	1280	20	64
	5000K +500 −300	1300	20	65
	6500K±500	1180	20	59
--	Red	530	20	26.5
	Green	1240	20	62
	Blue	270	20	13.5
	Yellow	520	20	26
	Pink	520	20	26



Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	20w
Max. Run Length	5m
Cutting Length	41.6mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	610	10	61
	6500K±500	650	10	65
	2700K+6500K	1230	20	61.5



RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	20w
Max. Run Length	5m
Cutting Length	41.6mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	133	6.6	20
	G	342	6.6	51.5
	B	69	6.6	10.5
	RGB	540	20	27

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	20w
Max. Run Length	5m
Cutting Length	41.6mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	95	5	19
	G	262	5	52.5
	B	70	5	14
≥80	3700K±300	320	5	64
	RGBW	720	20	36

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Bottom Cable Entry

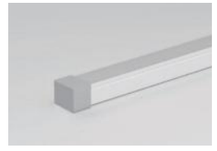


Closed End cap

Silicone End Cap (IP67)



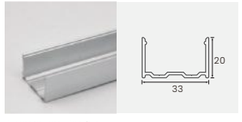
Front Cable Entry



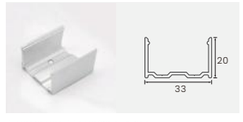
Closed End cap

Accessory

Accessories



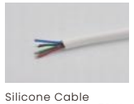
Aluminum Profile
Dimension: 1m



Aluminum Mounting clips
Dimension: 2cm



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN



Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN



IP67 Connector
Wire Gauge:
20AWG-22AWG



IP67 Connector
Wire Gauge:
20AWG-22AWG

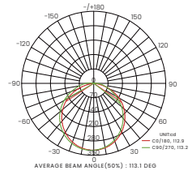


Anti-rain connector

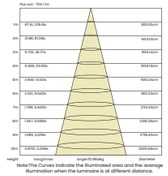
TOP BEND 5025



- Extra-wide 50mm flat luminous surface, perfect for indoor and outdoor architectural lighting.
- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥ 50000 hours.

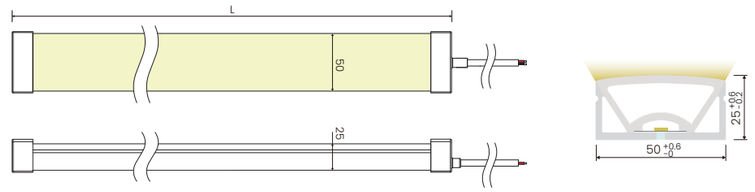


Light Distribution Curve
(24V, 15W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-T5025
Working Voltage	DC24V
Rated Power(w/m)	15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	High Output
Power(w/m)	15W
Max. Ambient tempt.(Tamax)	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	15w
Max. Run Length	12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	792	15	52.8
	3000K±150	808	15	53.9
	4000K $^{+400}_{-200}$	869	15	57.9
	6000K±500	826	15	55.1
--	Red	365	15	24.4
	Green	974	15	65.0
	Blue	216	15	14.4
	Yellow	292	15	19.5
	Orange	370	15	24.7
	Pink	762	15	50.8

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	41.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	390	7.5	52.1
	6500K±500	402	7.5	53.6
	2700K+6500K	794	15	53.0

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	41.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	85	5	17.1
	G	330	5	66.0
	B	61	5	12.2
	RGB	516	15	34.4

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	41.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	65	3.7	17.2
	G	188	3.7	50.2
	B	52	3.7	13.8
≥80	3000K±150	199	3.7	52.9
	RGBW	506	15	33.7

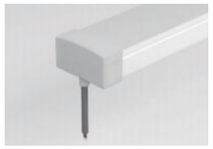
Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Silicone End Cap (IP67)

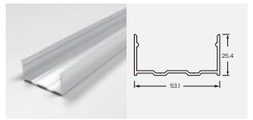

Front Cable Entry


Bottom Cable Entry

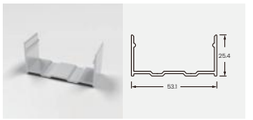

Closed End Cap

Accessory

Accessories



Aluminum Profile
Dimension: 1m



Aluminum Mounting clips
Dimension: 2cm


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN

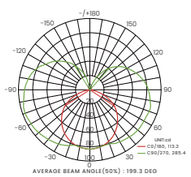

IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

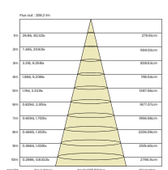
TOP BEND R16



- 16mm diameter, near-round design, offering almost 360-degree illumination, ideal for indoor decorative lighting.
- Tri-color silicone extrusion with a clear window for easy cutting, IP67 waterproof.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.



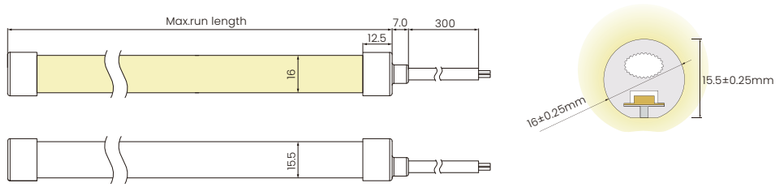
Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-R16
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	10w
Max. Run Length	17m/13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2100K±150	560	10	56
	2400K±150	590	10	59
	2700K±150	660	10	66
	3000K±150	650	10	65
	3500K±200	630	10	63
	4000K $^{+400}_{-200}$	700	10	70
	5000K $^{+500}_{-300}$	730	10	73
	6500K±500	730	10	73
--	Red	310	10	31
	Green	780	10	78
	Blue	160	10	16
	Yellow	240	10	24
	Pink	330	10	33

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	365	5	73
	6500K	375	5	75
	2700K+6500K	730	10	73

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	75	3.3	23
	G	231	3.3	70
	B	46	3.3	14
	RGB	350	10	35

SPI
Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	69	4.8	14.4
	G	219	4.8	45.6
	B	41	4.8	8.5
	RGB	294	12.5	23.5

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Silicone End Cap (IP67)

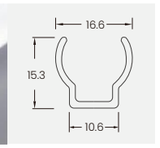
Front Cable Entry

Closed End Cap

Accessory

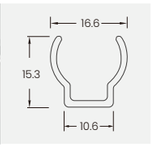
Accessories





PC Clip
Dimension: 2cm





PC Profile
Dimension: 1m



PVC Cable
2PIN, 3PIN, 4PIN



IP67 Connector
Wire Gauge:
20AWG



Anti-rain connector



SIDE BEND NEON

This series of neon flex can be bent horizontally and is available in various sizes, ranging from 3x6mm to 30x32mm.

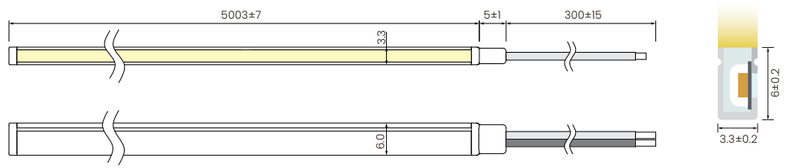


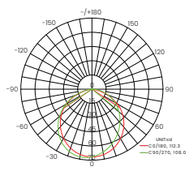
SIDE BEND 0306



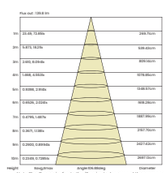
- 3mm ultra-slim luminous surface, sleek and refined, ideal for narrow outlines and furniture integration.
- Tri-color silicone extrusion with a clear window for easy cutting.
- High-transmittance silicone and unique optical light distribution design ensure uniform, shadow-free light emission.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 6W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NS-S0306
Working Voltage	DC24V
Rated Power(w/m)	6w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	6w
Max. Ambient tempt.(Tamax)	55°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	6w
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	168	6	28.0
	3000K±150	185	6	30.8
	3500K±200	190	6	31.7
	4000K $^{+400}_{-200}$	185	6	30.8
	5000K $^{+500}_{-300}$	185	6	30.9
	6000K±500	188	6	31.3
--	Red	23	6	3.8
	Green	169	6	28.2
	Blue	43	6	7.1
	Yellow	40	6	6.7
	Orange	42	6	7.0

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP44)



Front Cable Entry

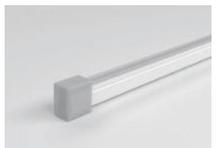


Closed End Cap

Silicone End Cap (IP65)



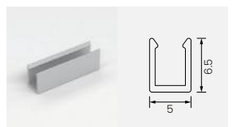
Front Cable Entry



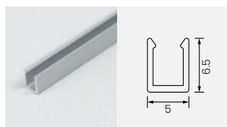
Closed End Cap

Accessory

Accessories



Aluminium Mounting clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m



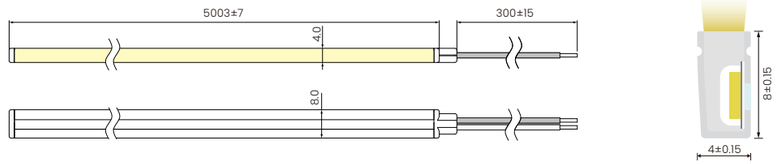
2 PIN Wire

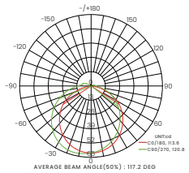
SIDE BEND 0408



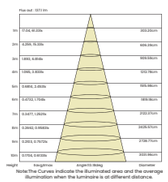
- 4mm slim luminous surface, sleek and refined, ideal for indoor outlines and furniture integration.
- Tri-color silicone extrusion with a clear window for easy cutting.
- High-density LED strip inside ensures uniform, glare-free light emission.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 6W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NS-S0408
Working Voltage	DC24V
Rated Power(w/m)	6w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	6w
Max. Ambient tempt.(Tamax)	55°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	6w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	172	6	28.8
	2100K±150	180	6	30.0
	2500K±150	187	6	31.3
	2700K±150	204	6	34.0
	3000K±150	219	6	36.5
	4000K $^{+400}_{-200}$	223	6	37.3
	5000K $^{+500}_{-300}$	228	6	38.0
	6000K±500	208	6	34.7
--	Red	78	6	13.0
	Green	207	6	34.6
	Blue	44	6	7.4
	Yellow	55	6	9.2
	Orange	75	6	12.5
	Pink	180	6	30.1

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP44)



Front Cable Entry



Closed End Cap

Silicone End Cap (IP65)



Front Cable Entry



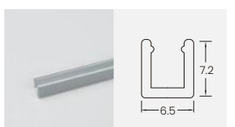
Closed End Cap

Accessory

Accessories



Aluminium Mounting clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m

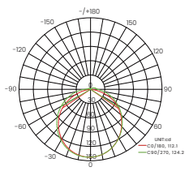


2 PIN Wire

SIDE BEND 0612 HOT

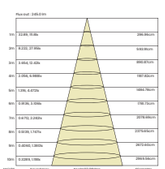


- 6mm slim luminous surface, sleek and refined, ideal for indoor outlines and furniture integration.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥50000 hours.



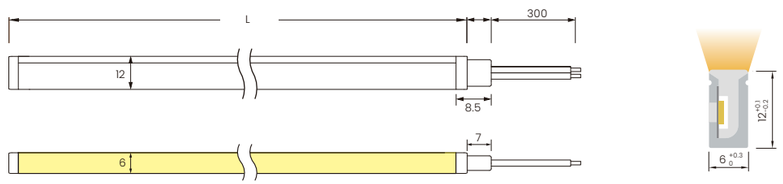
AVERAGE BEAM ANGLE(50%) : 118.1 DEG

Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-S0612
Working Voltage	DC24V
Rated Power(w/m)	5w/10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output
Power(w/m)	5w	10W
Max. Ambient tempt.(Tamax)	55°C	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w
Max. Run Length	13m/19m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	280	10	28.0
	2100K±150	310	10	31.0
	2400K±150	330	10	33.0
	2700K±150	360	10	36.0
	3000K±150	367	10	36.7
	3500K±200	347	10	34.7
	4000K $^{+400}_{-200}$	386	10	38.6
	5000K $^{+500}_{-300}$	385	10	38.5
	6500K±500	365	10	36.5
--	Red	158	10	15.8
	Green	391	10	39.1
	Blue	78	10	7.8
	Yellow	119	10	11.9
	Orange	161	10	16.1
	Pink	319	10	31.9

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	156	5	31.1
	6500K±500	180	5	35.9
	2700K+6500K	333	10	33.3

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	32	3.3	9.8
	G	90	3.3	27.3
	B	15	3.3	4.5
	RGB	141	10	14.1

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap : Hydraulic pressing (IP67)


Front Cable Entry


Side Cable Entry

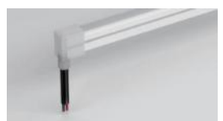

Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

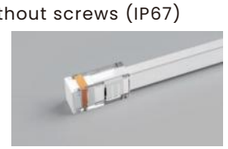

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws (IP67)


Front Cable Entry


Closed End Cap

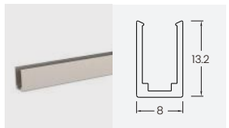
Integral End Cap : Hot pressing (IP44)


Front Cable Entry

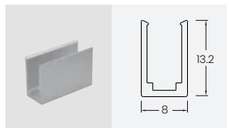

Closed End Cap

Accessory

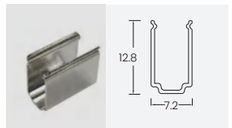
Accessories



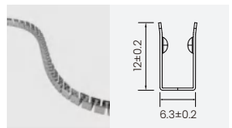
Aluminium profile
Dimension: 1m



Aluminium mounting clips
Dimension: 2cm



Stainless steel mounting clips
Dimension: 1.5cm



Curved profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN


Silicone Cable
2PIN, 3PIN, 4PIN

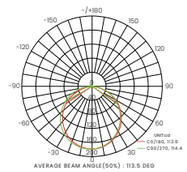

IP67 Connector
Wire Gauge:
20AWG-24AWG


Anti-rain connector

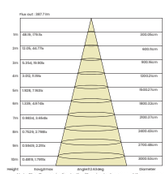
SIDE BEND 1010



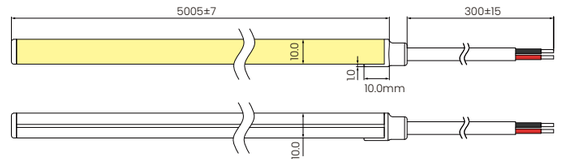
- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.

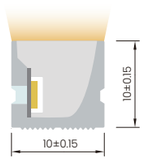


Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NS-S1010
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25ºC~60ºC
Ambient Temperature	Tamin=-25ºC, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45ºC

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	35.7mm

Parameters

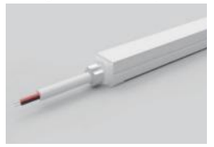
CRI	CCT	lm/m	w/m	lm/w
≥90	2100K±150	530	10	53
	2400K±150	560	10	56
	2700K±150	570	10	57
	3000K±150	620	10	62
	3500K±200	590	10	59
	4000K $^{+400}_{-200}$	660	10	66
	5000K $^{+500}_{-300}$	670	10	67
	6500K±500	690	10	69
--	Red	270	10	27
	Green	540	10	54
	Blue	130	10	13
	Yellow	260	10	26
	Pink	450	10	45

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry

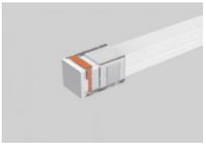

Closed End Cap

Solder Free End Cap without screws (IP67)


Front Cable Entry

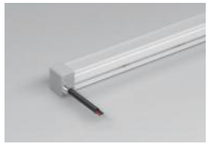

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

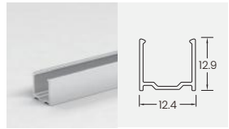

Side Cable Entry


Bottom Cable Entry

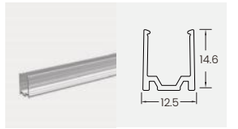

Closed End Cap

Accessory

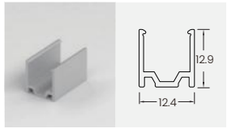
Accessories



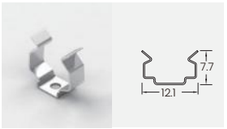
Aluminum Profile
Dimension: 1m



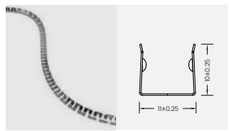
Transparent plastic groove
Dimension: 1m



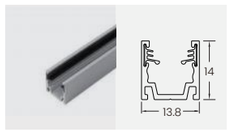
Aluminum Mounting Clips
Dimension: 2cm



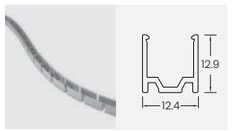
Stainless Steel Mounting clips
Dimension: 0.8cm



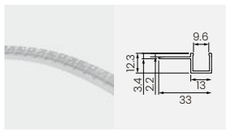
Curved profile
Dimension: 1m



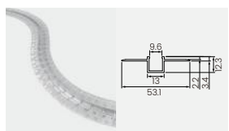
Internal Gear Profile
Dimension: 1m



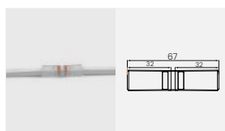
Curved profile
Dimension: 1m



Flexible Recessed
Single-Sided Aluminium Profile
Dimension: 1m



Flexible Recessed
Double-Sided Aluminium Profile
Dimension: 1m



IP67 Connector
Dimension: 1m


PVC Cable
2PIN


Silicone Cable
2PIN


IP67 Connector
Wire Gauge:
20AWG

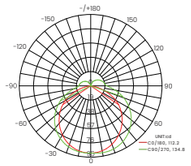

IP67 Connector
Wire Gauge:
20AWG


Anti-rain connector

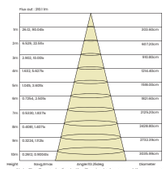
SIDE BEND 1018



- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

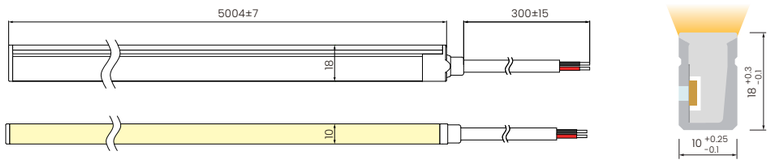


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-S1018
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	10w
Max. Run Length	17m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2100K±150	275	10	27.5
	2400K±150	275	10	27.5
	2700K±150	315	10	31.5
	3000K±150	330	10	33
	3500K±200	330	10	33
	4000K $^{+400}_{-200}$	355	10	35.5
	5000K $^{+500}_{-300}$	350	10	35
	6500K±500	355	10	35.5
--	Red	145	10	14.5
	Green	370	10	37
	Blue	65	10	6.5
	Yellow	145	10	14.5
	Pink	150	10	15

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	162	5	32.5
	6500K±500	175	5	35
	2700K+6500K	340	10	34

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	36	3.3	11
	G	99	3.3	30
	B	19	3.3	6
	RGB	150	10	15

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry

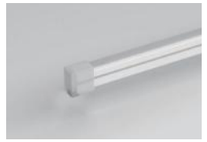

Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

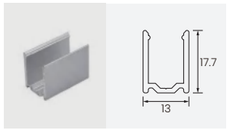

Side Cable Entry


Bottom Cable Entry

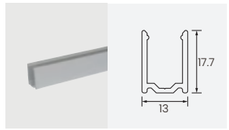

Closed End Cap

Accessory

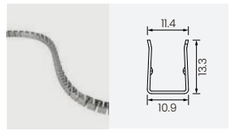
Accessories



Aluminum Mounting Clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m



Curved profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN


Silicone Cable
2PIN, 3PIN, 4PIN


IP67 Connector
Wire Gauge:
20AWG

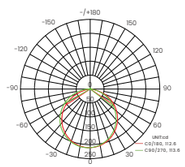

IP67 Connector
Wire Gauge:
20AWG


Anti-rain connector

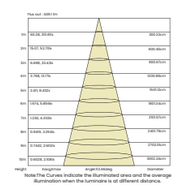
SIDE BEND 1212



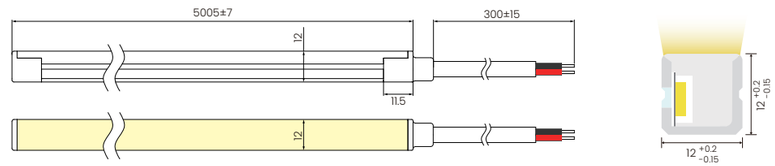
- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥50000 hours.



Light Distribution Curve
(24V, 10W, 4000K)


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.
Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-S1212
Working Voltage	DC24V
Rated Power(w/m)	5w/10w
Storage Temperature	-25ºC~60ºC
Ambient Temperature	Tamin=-25ºC, Tamax (Table below)

Output	Low Output	Std Output
Power(w/m)	5w	10W
Max. Ambient tempt.(Tamax)	55ºC	45ºC

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5W/10w
Max. Run Length	13m/19m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	460	10	46.0
	2100K±150	490	10	49.0
	2400K±150	520	10	52.0
	2700K±150	554	10	55.4
	3000K±150	611	10	61.1
	3500K±200	556	10	55.6
	4000K $^{+400}_{-200}$	603	10	60.3
	5000K $^{+500}_{-300}$	613	10	61.3
	6500K±500	591	10	59.1
--	Red	259	10	25.9
	Green	615	10	61.5
	Blue	121	10	12.1
	Yellow	191	10	19.1
	Orange	259	10	25.9
	Pink	511	10	51.1

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	269	5	53.7
	6500K±500	304	5	60.7
	2700K+6500K	567	10	56.7

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	56	3.3	17.0
	G	153	3.3	46.3
	B	25	3.3	7.5
	RGB	241	10	24.1

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

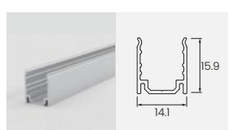

Side Cable Entry


Bottom Cable Entry

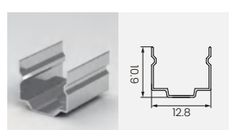

Closed End Cap

Accessory

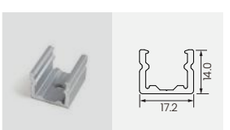
Accessories



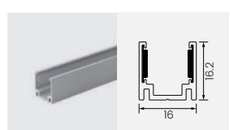
Aluminum Profile
Dimension: 1m



Mounting Clips
Dimension: 2cm



Aluminum Mounting Clips
Dimension: 2cm



Internal Gear profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN


Silicone Cable
2PIN, 3PIN, 4PIN


IP67 Connector
Wire Gauge:
20AWG


IP67 Connector
Wire Gauge:
20AWG

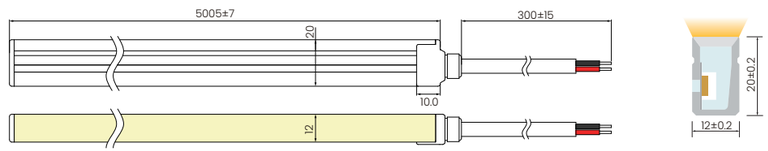

Anti-rain connector

SIDE BEND 1220 HOT



- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

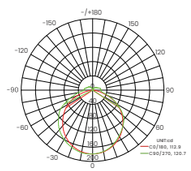
Dimensions(Unit: mm)



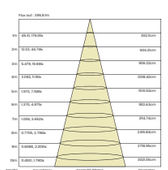
Basic Parameters

Model No.	NS-S1220
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	27m/18m/12m
Cutting Length	50mm

Parameters (CC)

CRI	CCT	SDCM	lm/m	w/m	lm/w
≥90	1800K±150	--	393	10	39.3
	2100K±150	--	447	10	44.7
	2400K±150	--	492	10	49.2
	2700K	≤3	512	10	51.2
	3000K	≤3	530	10	53.0
	3500K	≤3	500	10	50.0
	4000K	≤3	517	10	51.7
	5000K	≤4	527	10	52.7
	6500K	≤5	526	10	52.6
--	Red	--	230	10	23.0
	Green	--	515	10	51.5
	Blue	--	101	10	10.1
	Yellow	--	172	10	17.2
	Orange	--	214	10	21.4
	Pink	--	459	10	45.9

Free Cut

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.3mm

Parameters

CRI	CCT	SDCM	lm/m	w/m	lm/w
≥90	1800K±150	--	464	10	46.4
	2100K±150	--	552	10	55.2
	2400K±150	--	591	10	59.1
	2700K	≤3	615	10	61.5
	3000K	≤3	636	10	63.6
	3500K	≤3	650	10	65.0
	4000K	≤3	632	10	63.2
	5000K	≤4	641	10	64.1
	6500K	≤5	620	10	62.0

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	11w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	516	9.5	54.3
	6500K±500	521	9.5	54.8
	2700K+6500K	626	11	56.9

RGB

RGB

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	10w/11w
Max. Run Length	5m/13m
Cutting Length	83.3mm/125mm

Parameters (CV 5m)

CRI	CCT	lm/m	w/m	lm/w
--	R	56	3.3	16.9
	G	180	3.3	54.5
	B	31	3.3	9.3
	RGB	256	10	25.6

Parameters (CC 13m)

CRI	CCT	lm/m	w/m	lm/w
--	R	50	3.6	14
	G	190	3.6	53
	B	32	3.6	9
	RGB	273	11	25

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	15w
Max. Run Length	5m/10m
Cutting Length	83.3mm/125mm

Parameters (CV 5m)

CRI	CCT	lm/m	w/m	lm/w
	R	65	3.8	17
	G	229	3.8	61
	B	42	3.8	11
≥90	3000K±150	219	3.8	58
	RGBW	567	15	38

Parameters (CC 10m)

CRI	CCT	lm/m	w/m	lm/w
--	R	54	3.6	15
	G	130	3.6	36
	B	35	3.6	10
≥80	4000K±300	156	3.6	43
	RGBW	380	15	25

DMX 512 Digital

DMX RGBW

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	37	5	7.4
	G	109	5	21.9
	B	25	5	4.9
≥80	4000K $^{+400}_{-200}$	121	5	24.1
	RGBW	291	15	19.4

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap : Hot pressing (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry

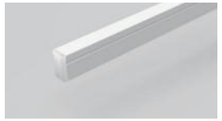

Closed End Cap

Integral End Cap : Hydraulic pressing (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws (IP67)


Front Cable Entry

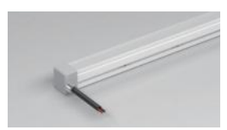

Side Cable Entry


Bottom Cable Entry

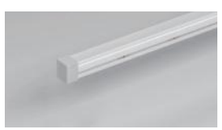

Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

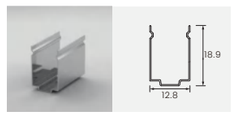

Side Cable Entry


Bottom Cable Entry

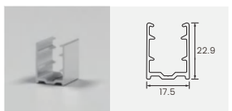

Closed End Cap

Accessory

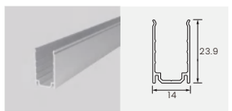
Accessories



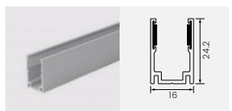
Mounting Clips
Dimension: 2cm



Aluminum Mounting Clips
Dimension: 2cm



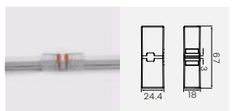
Aluminum Profile
Dimension: 1m



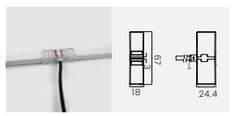
Internal Gear Profile
Dimension: 1m



Curved profile
Dimension: 1m



IP67 Connector (No Cable Entry)



IP67 Connector(Cable Entry)



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN



Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN



IP67 Connector
Wire Gauge:
20AWG-22AWG



IP67 Connector
Wire Gauge:
20AWG-22AWG

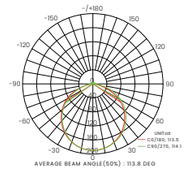


Anti-rain connector

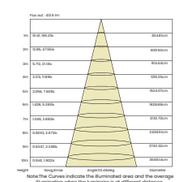
SIDE BEND 1615



- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥50000 hours.

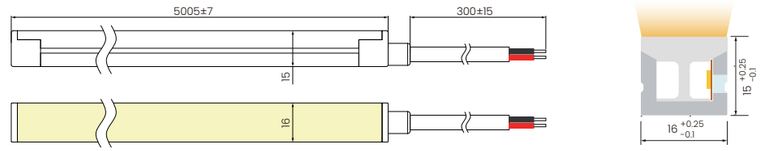


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-S1615
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	10w
Max. Run Length	17m/18m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	534	10	53.4
	3000K±150	530	10	53.0
	3500K±200	569	10	56.9
	4000K $^{+400}_{-200}$	563	10	56.3
	5000K $^{+500}_{-300}$	588	10	58.8
	6500K±500	576	10	57.6
--	Red	260	10	26.0
	Green	540	10	54.0
	Blue	110	10	11.0
	Yellow	260	10	26.0
	Orange	240	10	24.0
	Pink	430	10	43.0

Free Cut

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	512	10	51.2
	3000K±150	552	10	55.2
	3500K±200	552	10	55.2
	4000K $^{+400}_{-200}$	573	10	57.3
	5000K $^{+500}_{-300}$	647	10	64.7
	6500K±500	546	10	54.6

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	398	7.5	53.1
	6500K±500	416	7.5	55.5
	2700K+6500K	806	15	53.7

RGB

RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	92	5	18.4
	G	221	5	44.1
	B	52	5	10.5
	RGB	366	15	24.4

RGBW

RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
	R	70	3.7	18.7
	G	240	3.7	63.9
	B	47	3.7	12.5
≥90	3000K±150	224	3.7	59.8
	RGBW	575	15	38.3

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Silicone End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Integral End Cap (IP67)


Front Cable Entry

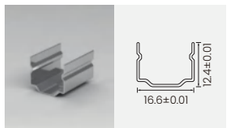

Side Cable Entry


Bottom Cable Entry

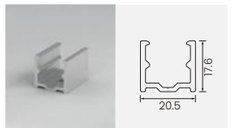

Closed End Cap

Accessory

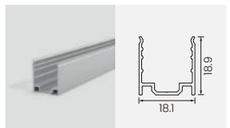
Accessories



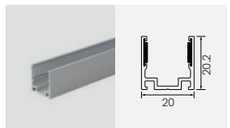
Mounting Clips
Dimension: 2cm



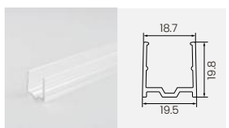
Aluminum Mounting Clips
Dimension: 2cm



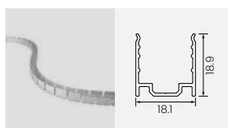
Aluminum Profile
Dimension: 1m



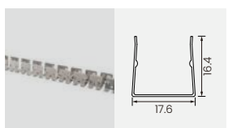
Internal Gear profile
Dimension: 1m



PC Profile
Dimension: 1m



Curved profile
Dimension: 1m



Curved profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG

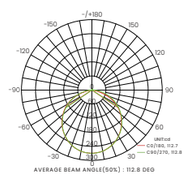

IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

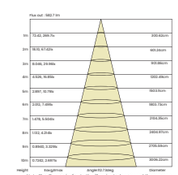
SIDE BEND 1617 NEW



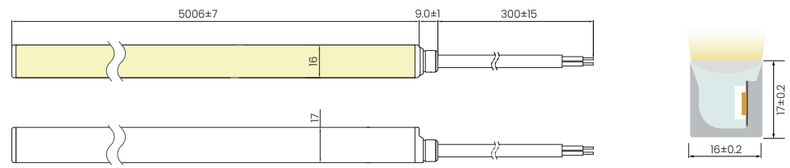
- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Unique design without a transparent cutting window to prevent light leakage, featuring a precise laser-cut mark on the silicone tube.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.



Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-S1617
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	24m/15m/12m
Cutting Length	50mm

Parameters (CC)

CRI	CCT	SDCM	lm/m	w/m	lm/w
≥90	1800K±100	--	403	10	40.3
	2100K±150	--	449	10	44.9
	2400K±150	--	489	10	48.9
	2700K	≤3	528	10	52.8
	3000K	≤3	555	10	55.5
	3500K	≤3	570	10	57.0
	4000K	≤3	591	10	59.1
	5000K	≤4	588	10	58.8
	6500K	≤5	580	10	58.0
--	Red	--	244	10	24.4
	Green	--	558	10	55.8
	Blue	--	117	10	11.7
	Yellow	--	180	10	18.0
	Orange	--	216	10	21.6
	Pink	--	473	10	47.3

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	11w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	660	10	66.0
	6500K±500	709	10	70.9
	2700K+6500K	789	11	71.7

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	61	3.3	18.6
	G	227	3.3	68.7
	B	38	3.3	11.5
	RGB	329	10	32.9

RGBW

RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
	R	70	3.7	18.7
	G	267	3.7	71.3
	B	49	3.7	13.0
≥90	W3000K±150	234	3.7	62.4
	RGBW	644	15	42.9

DMX 512 Digital

DMX RGBW

Voltage	DC24V
IC Model	UCS512CL
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	60	5	12.0
	G	191	5	38.1
	B	38	5	7.6
≥80	4000K $^{+400}_{-200}$	161	5	32.2
	RGBW	456	15	30.4

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

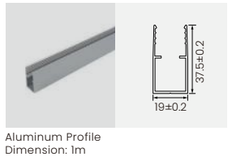

Side Cable Entry


Bottom Cable Entry

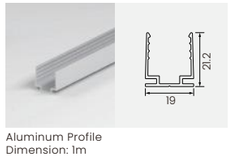

Closed End Cap

Accessory

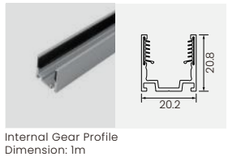
Accessories



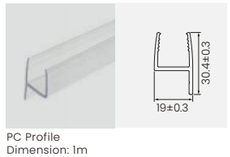
Aluminum Profile
Dimension: 1m



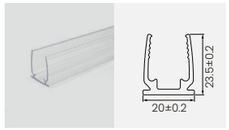
Aluminum Profile
Dimension: 1m



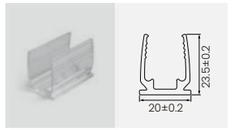
Internal Gear Profile
Dimension: 1m



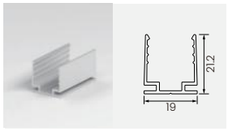
PC Profile
Dimension: 1m



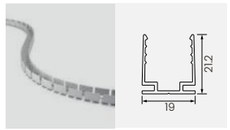
PC Profile
Dimension: 1m



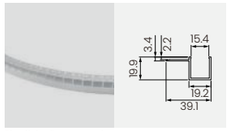
PC Clip
Dimension: 3.5cm



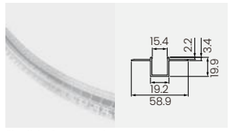
Aluminum Mounting Clips
Dimension: 3.5cm



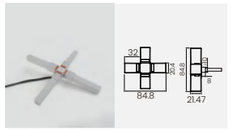
Curved profile
Dimension: 1m



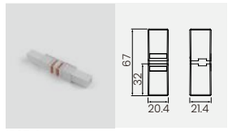
Flexible Recessed
Single-Sided Aluminum Profile
Dimension: 1m



Flexible Recessed
Double-Sided Aluminum Profile
Dimension: 1m



IP67 Cross Connector



IP67 Connector


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG

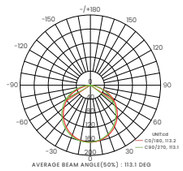

IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

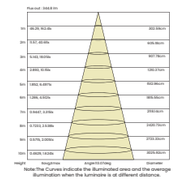
SIDE BEND 2020



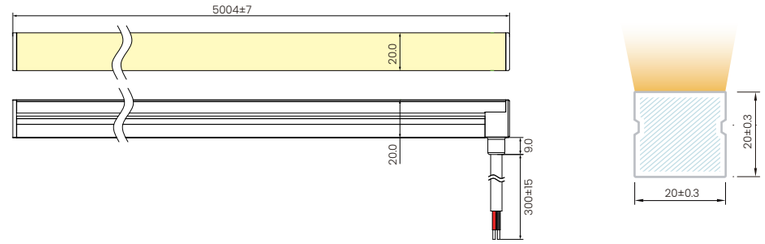
- 20mm flat luminous surface, ideal for indoor and outdoor architectural lighting.
- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥ 50000 hours.



Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-S2020
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single Color

Single color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w/15w
Max. Run Length	27m/18m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	480	10	48.0
	2100K±150	510	10	51.0
	2400K±150	530	10	53.0
	2700K±150	455	10	45.5
	3000K±150	475	10	47.5
	3500K±200	460	10	46.0
	4000K $^{+400}_{-200}$	467	10	46.7
	5000K $^{+500}_{-300}$	470	10	47.0
	6500K±500	475	10	47.5
--	Red	203	10	20.3
	Green	484	10	48.4
	Blue	96	10	9.6
	Yellow	153	10	15.3
	Orange	205	10	20.5
	Pink	412	10	41.2

Tunable White

Tunable

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	331	7.5	44.1
	6500K±500	347	7.5	46.3
	2700K+6500K	672	15	44.8

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	76	5	15.2
	G	189	5	37.8
	B	40	5	8.0
	RGB	303	15	20.2

RGBW

RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
	R	57	3.8	15.3
	G	192	3.8	51.1
	B	39	3.8	10.3
≥90	3000K±150	195	3.8	52.1
	RGBW	509	15	33.9

DMX RGB

DMX 512 Digital

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	33	5	6.5
	G	126	5	25.2
	B	22	5	4.3
	RGB	179	12	14.9

DMX RGBW

DMX 512 Digital

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	32	5	6.4
	G	93	5	18.5
	B	22	5	4.4
≥80	4500K±300	105	5	21.0
	RGBW	251	15	16.7

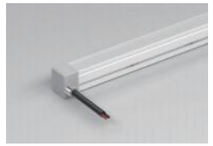
Note:

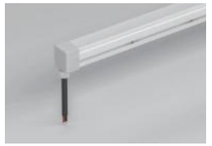
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

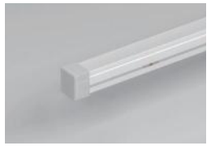
Cable Lead Option

Silicone End Cap (IP67)


Front Cable Entry


Side Cable Entry

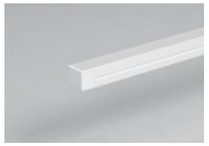

Bottom Cable Entry


Closed End Cap

Integral End Cap (IP67)


Side Cable Entry

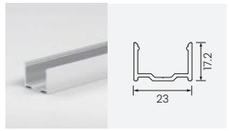

Bottom Cable Entry


Closed End Cap

Accessories



Aluminium Mounting clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG

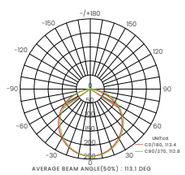

IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

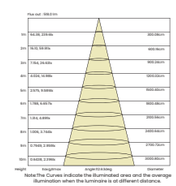
SIDE BEND 3032



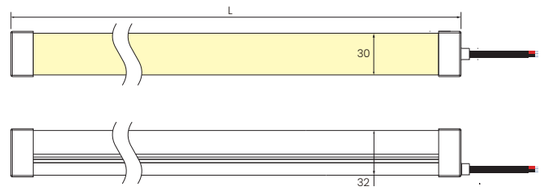
- Wide 30mm flat luminous surface, ideal for indoor and outdoor architectural lighting.
- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥ 50000 hours.

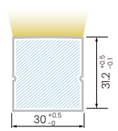


Light Distribution Curve
(24V, 15W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NS-S3032
Working Voltage	DC24V
Rated Power(w/m)	15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	High Output
Power(w/m)	15w
Max. Ambient tempt.(Tamax)	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	15w
Max. Run Length	12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	645	15	43
	3000K±150	660	15	44
	4000K $^{+400}_{-200}$	743	15	49.5
	6500K±500	666	15	44.4
--	Red	284	15	18.9
	Green	632	15	42.1
	Blue	149	15	9.9
	Yellow	195	15	13
	Orange	273	15	18.2
	Pink	581	15	38.7

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	314	7.5	41.9
	6500K±500	341	7.5	45.4
	2700K+6500K	650	15	43.3

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	75	5	14.9
	G	275	5	54.9
	B	48	5	9.6
	RGB	375	15	25

RGBW

RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
	R	64	3.8	16.9
	G	225	3.8	59.1
	B	43	3.8	11.4
≥90	3000K±150	199	3.8	52.4
	RGBW	518	15	34.5

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Silicone End Cap (IP67)



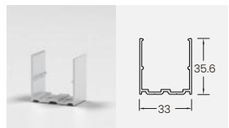
Front Cable Entry



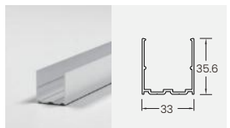
Closed End Cap

Accessory

Accessories



Aluminium Mounting Clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN



IP67 Connector
Wire Gauge:
20AWG-22AWG



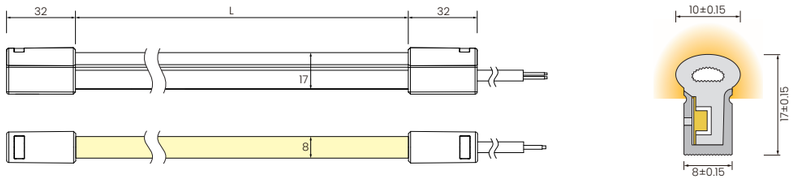
Anti-rain connector

SIDE BEND 0817



- Arched structure with a curved luminous surface and a wide beam angle, ideal for indoor and outdoor decorative lighting.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

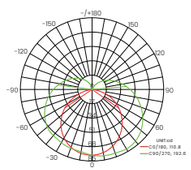
Dimensions(Unit: mm)



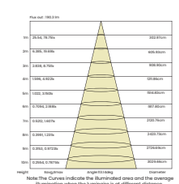
Basic Parameters

Model No.	NS-S0817
Working Voltage	DC24V
Rated Power(w/m)	5w/10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output
Power(w/m)	5w	10W
Max. Ambient tempt.(Tamax)	55°C	45°C



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w
Max. Run Length	19m/13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	390	10	39.0
	2100K±150	410	10	41.0
	2400K±150	430	10	43.0
	2700K±150	463	10	46.3
	3000K±150	447	10	44.7
	3500K±200	444	10	44.4
	4000K $^{+400}_{-200}$	478	10	47.8
	5000K $^{+500}_{-300}$	478	10	47.8
	6500K±500	440	10	44.0
--	Red	196	10	19.6
	Green	470	10	47.0
	Blue	90	10	9.0
	Yellow	143	10	14.3
	Orange	194	10	19.4
	Pink	378	10	37.8

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	204	5	40.7
	6000K±500	204	5	40.8
	2700K+6000K	406	10	40.6

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	44	3.3	13.4
	G	129	3.3	39.1
	B	25	3.3	7.5
	RGB	200	10	20

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Solder Free End Cap without screws (IP67)



Front Cable Entry



Closed End Cap

Silicone End Cap (IP67)



Front Cable Entry



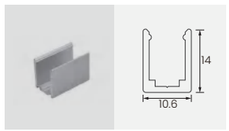
Side Cable Entry



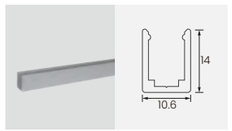
Closed End Cap

Accessory

Accessories



Aluminium mounting clips
Dimension: 2cm



Aluminium profile
Dimension: 1m



PVC Cable
2PIN, 3PIN, 4PIN



IP67 Connector
Wire Gauge:
20AWG-22AWG

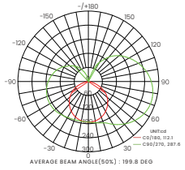


Anti-rain connector

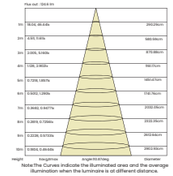
SIDE BEND 1023



- Arched structure with a curved luminous surface and a wide beam angle, ideal for indoor and outdoor decorative lighting.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

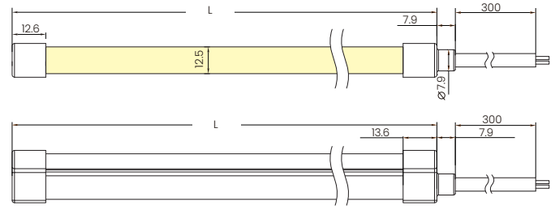


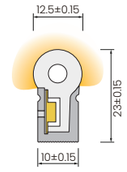
Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NS-S1023
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length(CC)	17m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2100±150	310	10	31
	2400±150	320	10	32
	2700±150	350	10	35
	3000±150	350	10	35
	3500±200	380	10	38
	4000 $^{+400}_{-200}$	390	10	39
	5000 $^{+500}_{-300}$	380	10	38
	6500±500	350	10	35
--	Red	150	10	15
	Green	405	10	40.5
	Blue	75	10	7.5
	Yellow	125	10	12.5
	Pink	160	10	16

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	180	5	36
	6500K±500	190	5	38
	2700K+6500K	360	10	36

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	33	3.3	10
	G	97	3.3	29.5
	B	19	3.3	6
	RGB	145	10	14.5

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

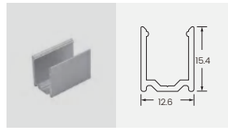
Silicone End Cap (IP67)


Front Cable Entry

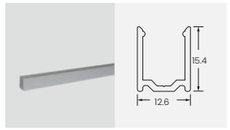

Closed End Cap

Accessory

Accessories



Aluminium Mounting Clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN

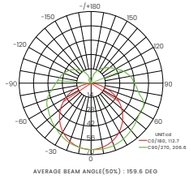

IP67 Connector
Wire Gauge:
20AWG


Anti-rain connector

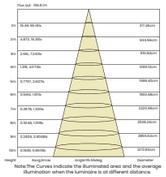
SIDE BEND 1225



- Arched structure with a curved luminous surface and a wide beam angle, ideal for indoor and outdoor decorative lighting.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

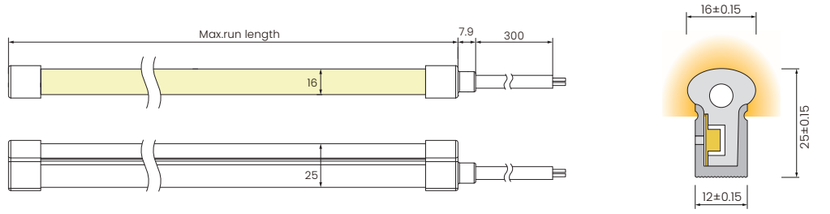


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-S1225
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w/15w
Max. Run Length	27m/18m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	280	10	28.0
	2100K±150	300	10	30.0
	2400K±150	320	10	32.0
	2700K±150	349	10	34.9
	3000K±150	361	10	36.1
	3500K±200	345	10	34.5
	4000K $^{+400}_{-200}$	381	10	38.1
	5000K $^{+500}_{-300}$	364	10	36.4
	6500K±500	370	10	37.0
--	Red	161	10	16.1
	Green	374	10	37.4
	Blue	73	10	7.3
	Yellow	121	10	12.1
	Orange	161	10	16.1
	Pink	320	10	32.0

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	265	7.5	35.3
	6000K±500	275	7.5	36.7
	2700K+6000K	536	15	35.7

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	62	5	12.4
	G	162	5	32.4
	B	30	5	5.9
	RGB	248	15	16.5

RGBW

RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
	R	47	3.8	12.6
	G	162	3.8	43.2
	B	31	3.8	8.3
≥90	3000K±150	156	3.8	41.5
	RGBW	404	15	26.9

DMX 512 Digital

DMX RGB

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	27	5	5.3
	G	99	5	19.8
	B	17	5	3.4
	RGB	142	12	11.8

DMX 512 Digital

DMX RGBW

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	26	5	5.1
	G	72	5	14.4
	B	17	5	3.4
≥80	4000K±300	82	5	16.3
	RGBW	197	15	13.1

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Solder Free End Cap without screws (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Integral End Cap (IP67)


Bottom Cable Entry


Closed End Cap

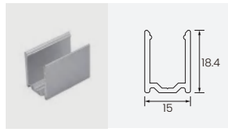
Silicone End Cap (IP67)


Front Cable Entry

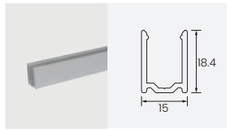

Closed End Cap

Accessory

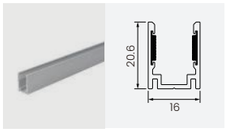
Accessories



Aluminium mounting clips
Dimension: 2cm

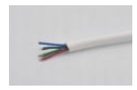


Aluminium Profile
Dimension: 1m



Internal Gear Profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN

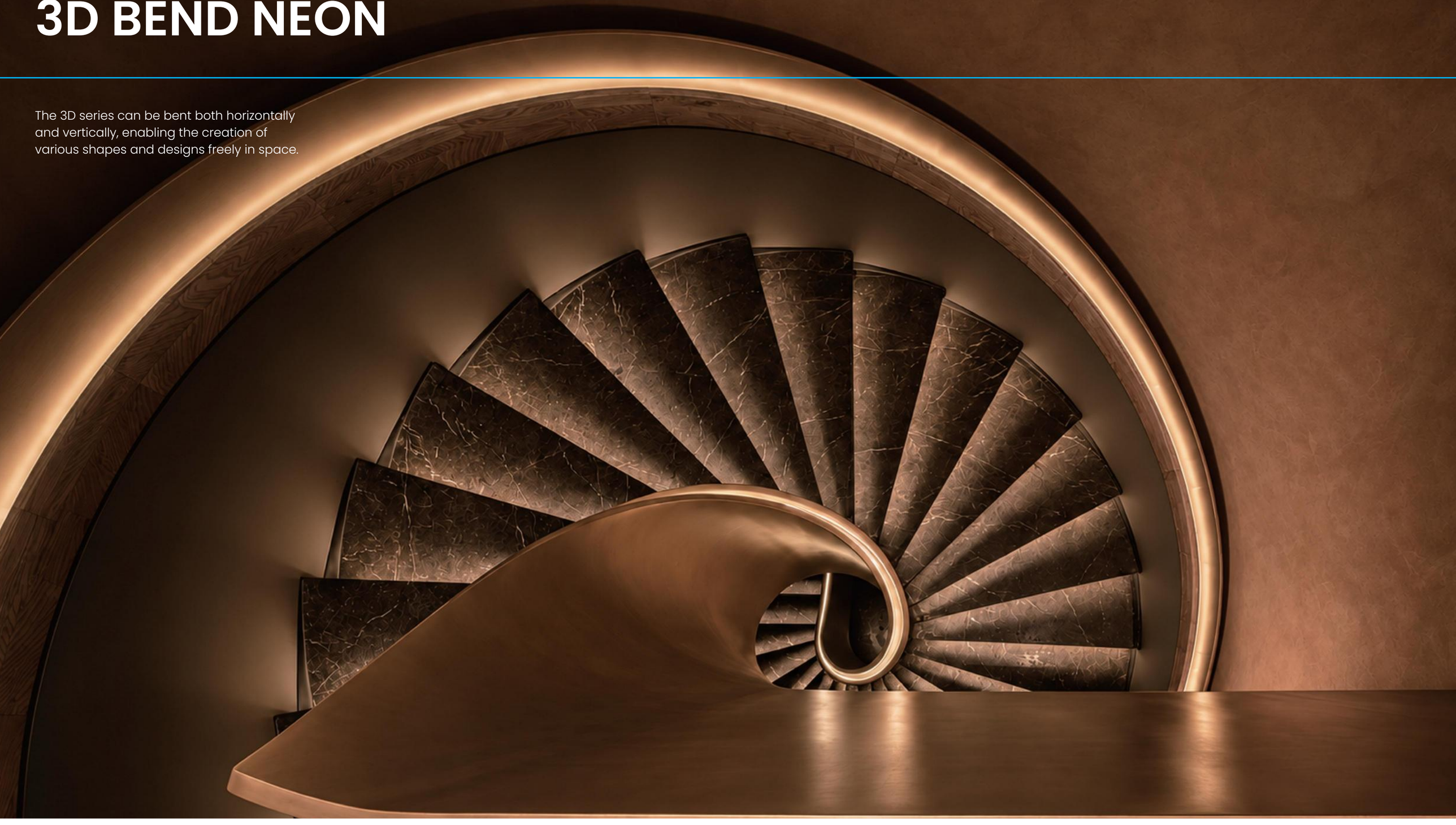

IP67 Connector
Wire Gauge:
20AWG-22AWG


IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

3D BEND NEON

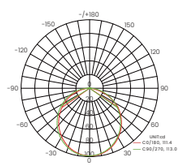
The 3D series can be bent both horizontally and vertically, enabling the creation of various shapes and designs freely in space.



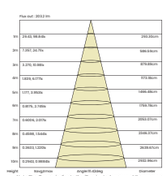
3D BEND 0808



- 8mm compact luminous surface with top and side bending, ideal for versatile indoor, outdoor, and architectural lighting.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.

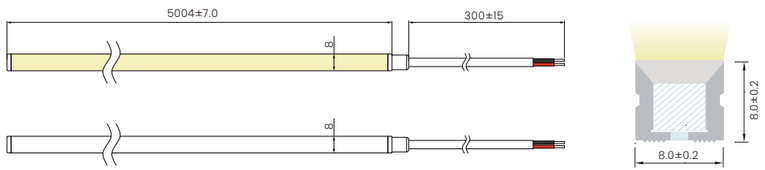


Light Distribution Curve
(24V, 6W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-3D0808
Working Voltage	DC24V
Rated Power(w/m)	6w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	6w
Max. Ambient tempt.(Tamax)	55°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	6w
Max. Run Length	7m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	208	6	34.6
	2100K±150	233	6	38.9
	2400K±150	255	6	42.5
	2700K±150	279	6	46.5
	3000K±150	281	6	46.9
	3500K±200	285	6	47.5
	4000K $^{+400}_{-200}$	281	6	46.8
	5000K $^{+500}_{-300}$	275	6	45.8
	6500K±500	269	6	44.8
--	Red	31	6	5.2
	Green	257	6	42.9
	Blue	64	6	10.6
	Yellow	58	6	9.6
	Orange	68	6	11.4

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Bottom Cable Entry



Closed End Cap

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



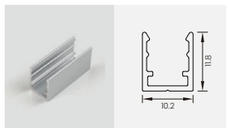
Bottom Cable Entry



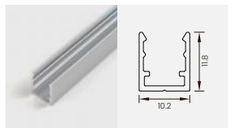
Closed End Cap

Accessory

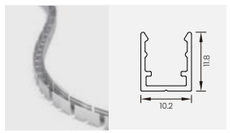
Accessories



Transparent Plastic Groove
Dimension: 2.5cm



Aluminium Profile
Dimension: 1m



Curved profile
Dimension: 1m


PVC Cable
2PIN


Silicone Cable
2PIN


IP67 Connector
Wire Gauge:
20AWG

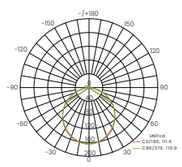

IP67 Connector
Wire Gauge:
22AWG


Anti-rain connector

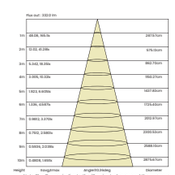
3D BEND 1010



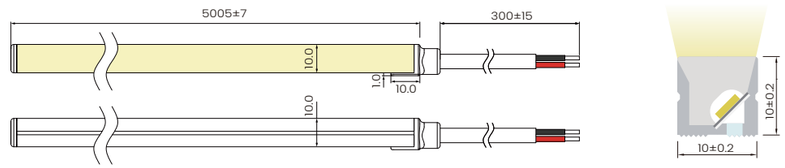
- 10mm wide luminous surface with top and side bending, ideal for versatile indoor, outdoor, and architectural lighting, meeting various installation needs.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.



Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-3D1010
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	35.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	464	10	46.4
	3000K±150	486	10	48.6
	3500K±200	491	10	49.1
	4000K $^{+400}_{-200}$	506	10	50.6
	5000K $^{+500}_{-300}$	506	10	50.6
	6500K±500	493	10	49.3
--	Red	168	10	16.8
	Green	445	10	44.5
	Blue	95	10	9.5
	Yellow	110	10	11.0
	Orange	147	10	14.7
	Pink	371	10	37.1

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry

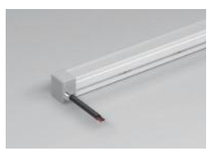

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

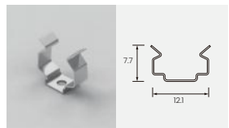

Side Cable Entry

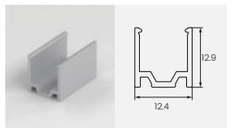

Bottom Cable Entry

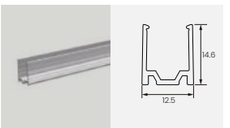

Closed End Cap

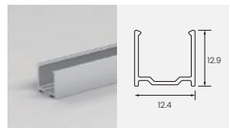
Accessory

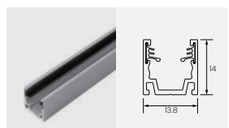
Accessories

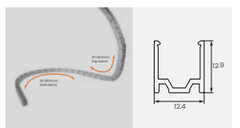

Stainless Steel Mounting clips
Dimension: 0.8cm

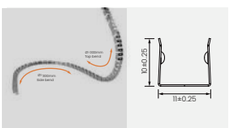

Aluminium Mounting clips
Dimension: 2cm

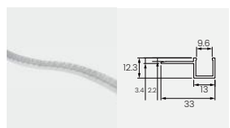

Transparent plastic groove
Dimension: 1m

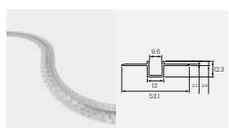

Aluminium Profile
Dimension: 1m


Internal Gear Profile
Dimension: 1m


Curved profile
Dimension: 1m


Curved profile
Dimension: 1m


Flexible Recessed
Single-Sided Aluminum Profile
Dimension: 1m


Flexible Recessed
Double-Sided Aluminum Profile
Dimension: 1m


PVC Cable
2PIN


Silicone Cable
2PIN


IP67 Connector
Wire Gauge:
20AWG


IP67 Connector
Wire Gauge:
20AWG

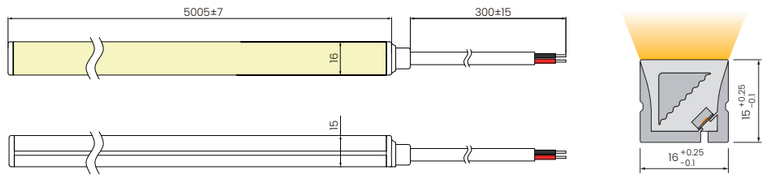

Anti-rain connector

3D BEND 1615 HOT



- 16mm wide luminous surface with top and side bending, ideal for versatile indoor, outdoor, and architectural lighting, meeting various installation needs.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.

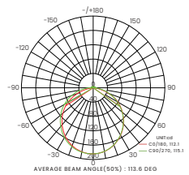
Dimensions(Unit: mm)



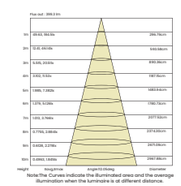
Basic Parameters

Model No.	NS-3D1615
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25ºC~60ºC
Ambient Temperature	Tamin=-25ºC, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45ºC



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Single Color

Single color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2100K±150	600	10	60
	2400K±150	630	10	63
	2700K±150	670	10	67
	3000K±150	700	10	70
	3500K±200	730	10	73
	4000K +400 −200	730	10	73
	5000K +500 −300	750	10	75
	6500K±500	730	10	73
--	Red	310	10	31
	Green	530	10	53
	Blue	140	10	14
	Yellow	260	10	26
	Pink	480	10	48

Tunable White

Tunable

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	245	5	49.0
	6500K±500	275	5	55.0
	2700K+6500K	520	10	52.0

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

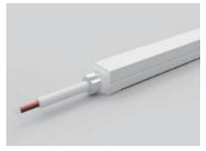
CRI	CCT	lm/m	w/m	lm/w
--	R	66	3.3	20.0
	G	188	3.3	57.0
	B	30	3.3	9.2
	RGB	280	10	28.0

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)

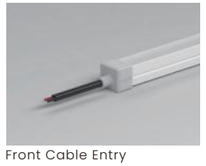

Front Cable Entry

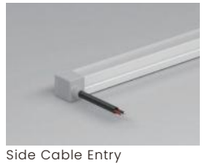

Side Cable Entry

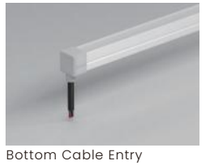

Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

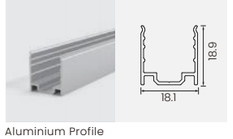

Side Cable Entry


Bottom Cable Entry

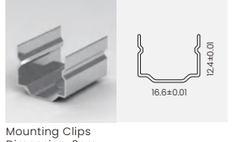

Closed End Cap

Accessory

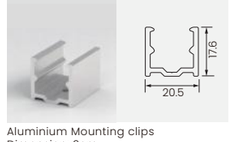
Accessories



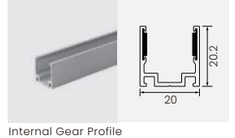
Aluminium Profile
Dimension: 1m



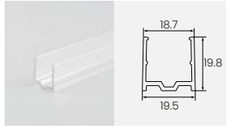
Mounting Clips
Dimension: 2cm



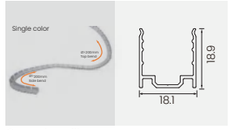
Aluminium Mounting clips
Dimension: 2cm



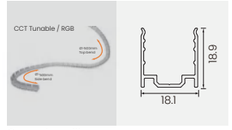
Internal Gear Profile
Dimension: 1m



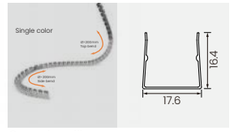
PC Profile
Dimension: 1m



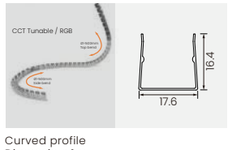
Curved profile
Dimension: 1m



Curved profile
Dimension: 1m



Curved profile
Dimension: 1m



Curved profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN,


Silicone Cable
2PIN, 3PIN, 4PIN

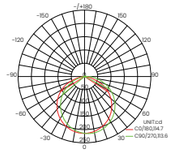

IP67 Connector
Wire Gauge:
20AWG


Anti-rain connector

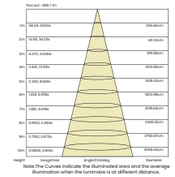
3D BEND 1617 NEW



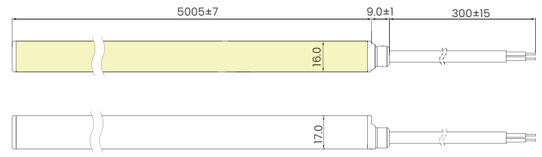
- 16mm wide luminous surface with top and side bending for indoor, outdoor, and architectural lighting.
- Tri-color silicone extrusion without a transparent cutting window prevents light leakage, with precise laser-cut marks for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5-year warranty, working life ≥ 50,000 hours.

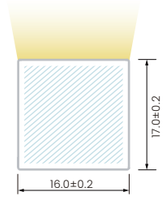


Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NS-3D1617
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/4.8w/9.6w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5w/10w/4.8w/9.6w
Max. Run Length(CC)	8m/5m/10m/6m
Cutting Length	50mm

Parameters (CC)

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	530	9.6	55.2
	2100K±150	588	9.6	61.2
	2400K±150	637	9.6	66.4
	2700K±150	639	9.6	66.6
	3000K±150	649	9.6	67.6
	3500K±200	683	9.6	71.1
	4000K $^{+400}_{-200}$	685	9.6	71.4
	5000K $^{+500}_{-300}$	668	9.6	69.6
	6500K±500	688	9.6	71.1
--	Red	277	9.6	28.9
	Green	667	9.6	69.5
	Blue	136	9.6	14.2
	Yellow	198	9.6	20.6
	Orange	248	9.6	25.8
	Pink	555	9.6	57.8

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	275	5	55
	6500K±500	304	5	60.7
	2700K+6500K	575	10	57.5

RGB

RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	52	3.3	15.8
	G	163	3.3	49.5
	B	32	3.3	9.7
	RGB	247	10	24.7

RGBW

RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	60	3.7	16.1
	G	187	3.7	49.8
	B	36	3.7	9.6
≥90	3000K±150	177	3.7	47.2
	RGBW	437	15	29.1

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

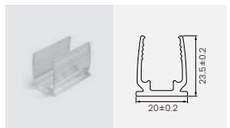

Side Cable Entry


Bottom Cable Entry

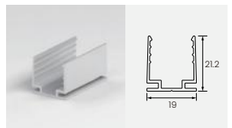

Closed End Cap

Accessory

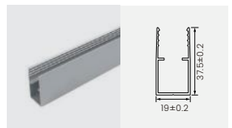
Accessories



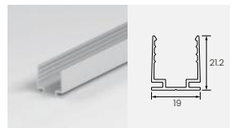
PC Clip
Dimension: 3.cm



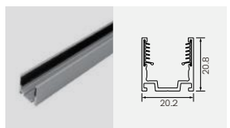
Aluminium Mounting clips
Dimension: 3.5cm



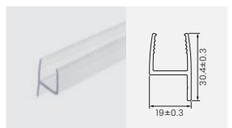
Aluminium Profile
Dimension: 1m



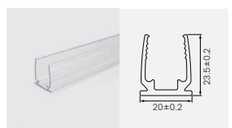
Aluminium Profile
Dimension: 1m



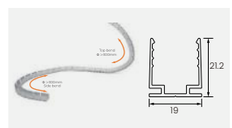
Internal Gear Profile
Dimension: 1m



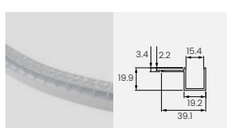
PC Profile
Dimension: 1m



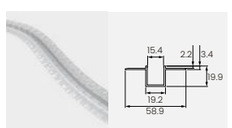
PC Profile
Dimension: 1m



Curved profile
Dimension: 1m



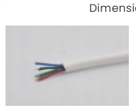
Flexible Recessed
Single-Sided Aluminum Profile
Dimension: 1m



Flexible Recessed
Double-Sided Aluminum Profile
Dimension: 1m



PVC Cable
2PIN/3PIN/4PIN/5PIN



Silicone Cable
2PIN/3PIN/4PIN/5PIN



IP67 Connector
Wire Gauge:
20AWG-22AWG



IP67 Connector
Wire Gauge:
20AWG-22AWG

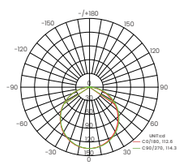


Anti-rain connector

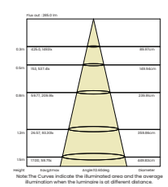
3D BEND 1010 PRO



- 10mm wide luminous surface with top bending, side bending, and twisting, ideal for versatile indoor, outdoor, and architectural lighting.
- Soft-rigid PCB structure combines flexible and rigid PCB sections to better protect the LED chips, ensuring enhanced durability and high reliability.
- Dust-resistant matte finish ensures a clean appearance with uniform, natural light.
- 3–5 years warranty, working life ≥ 50,000 hours.

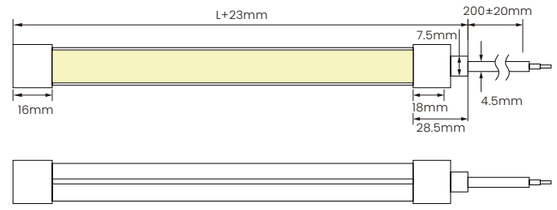


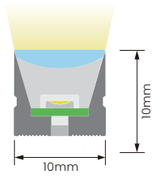
Light Distribution Curve
(24V, 10W, 3000K)



Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NS-3D1010 PRO
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	10mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2100K	336.27	10	33.63
	2700K	378.69	10	38.06
	3000K	389.51	10	39.10
	3500K	401.59	10	39.56
	4000K	414.08	10	41.94
	6500K	391.86	10	41.98

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

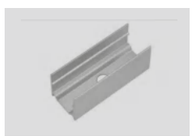

Side Cable Entry

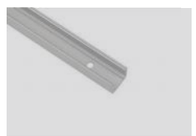

Bottom Cable Entry


Closed End Cap

Accessory

Accessories


Install Aluminum Clips
Dimension: 3cm

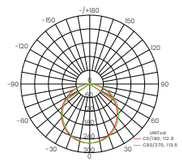

Aluminum Profile
Dimension: 1m

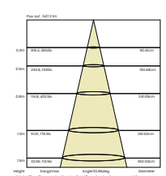

Bendable Serrated Profile
Dimension: 1m

3D BEND 1212 PRO

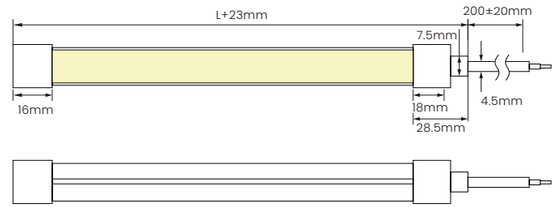


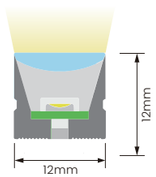
- 12mm wide luminous surface with top bending, side bending, and twisting, ideal for versatile indoor, outdoor, and architectural lighting.
- Soft-rigid PCB structure combines flexible and rigid PCB sections to better protect the LED chips, ensuring enhanced durability and high reliability.
- Dust-resistant matte finish ensures a clean appearance with uniform, natural light.
- 3–5 years warranty, working life ≥ 50,000 hours.


Light Distribution Curve
(24V, 12W, 3000K)


Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NS-3D1212 PRO
Working Voltage	DC24V
Rated Power(w/m)	12w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	12w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	12.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	672	12	56
	3000K	708	12	59
	4000K	756	12	63
	6500K	720	12	60

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Bottom Cable Entry



Closed End Cap

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



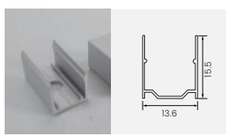
Bottom Cable Entry



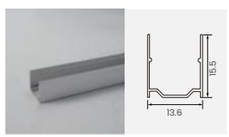
Closed End Cap

Accessory

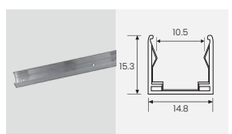
Accessories



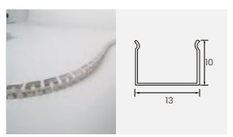
Install Aluminum Clips
Dimension: 3cm



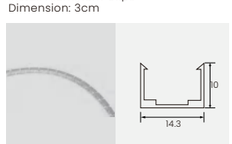
Aluminum Profile
Dimension: 1m



Aluminum Profile Kit
Dimension: 1m



Bendable Serrated Profile
Dimension: 1m

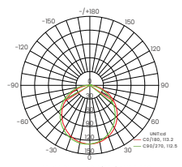


Bendable Serrated
Aluminum Profile
Dimension: 1m

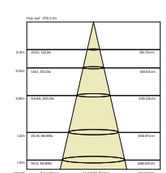
3D BEND 2222 PRO



- 22mm wide luminous surface with top bending, side bending, and twisting, ideal for versatile indoor, outdoor, and architectural lighting.
- Soft-rigid PCB structure combines flexible and rigid PCB sections to better protect the LED chips, ensuring enhanced durability and high reliability.
- Dust-resistant matte finish ensures a clean appearance with uniform, natural light.
- 3–5 years warranty, working life ≥ 50,000 hours.

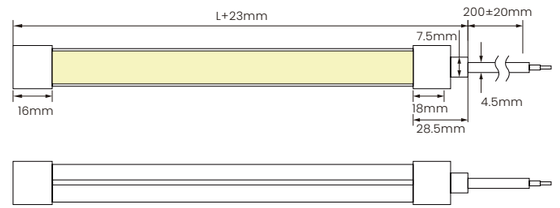


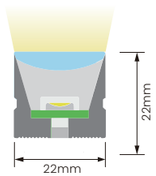
Light Distribution Curve
(24V, 20W, RGBW)



Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NS-3D2222 PRO
Working Voltage	DC24V
Rated Power(w/m)	15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	High Output
Power(w/m)	15w
Max. Ambient tempt.(Tamax)	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	12.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	975	15	65
	3000K	1005	15	67
	4000K	1050	15	70
	6500K	1020	15	68

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)

Front Cable Entry

Bottom Cable Entry

Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

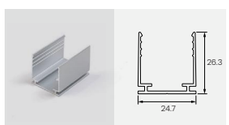

Side Cable Entry


Bottom Cable Entry

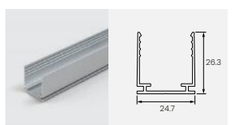

Closed End Cap

Accessory

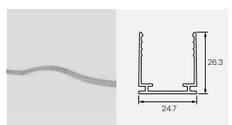
Accessories



Aluminum Mounting Clip
Dimension: 3.5cm



Aluminium Profile
Dimension: 1m

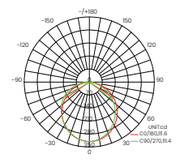


Curved Profile
Dimension: 1m

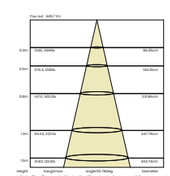
3D BEND 1617S PRO NEW



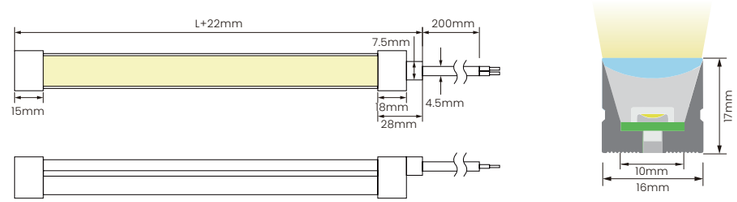
- 16mm wide luminous surface with top bending, side bending, and twisting, ideal for versatile indoor, outdoor, and architectural lighting.
- Soft-rigid PCB structure combines flexible and rigid PCB sections to better protect the LED chips, ensuring enhanced durability and high reliability.
- Dust-resistant matte finish ensures a clean appearance with uniform, natural light.
- 3–5 years warranty, working life ≥50,000 hours.



Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NH-3D1617S
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-40°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	25m/13m/9m
Cutting Length	16.66mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	861	10	86.10
	3000K	852.3	10	85.23
	4000K	909.5	10	90.95
	6000K	825	10	82.50

48V

48V Super long constant voltage

Voltage	DC48V
Circuit Design	CV
Power(w/m)	9.6w
Max. Run Length	30m
Cutting Length	16.66mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	480	9.6	50
	3000K	499	9.6	52
	4000K	528	9.6	55
	6000K	518	9.6	54

SPI Digital

RGBW Pixel SPI

Voltage	DC24V
Circuit Design	CV
Power(w/m)	12w
Pixels/m	10
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	30	3.5	8.5
	G	84	3.5	24
	B	27	3.5	7.7
≥80	W	123	3.5	35
	RGBW	252	12	21

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

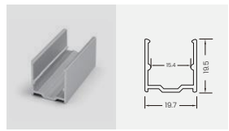

Side Cable Entry

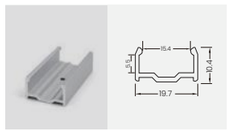

Bottom Cable Entry

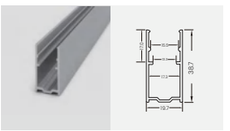

Closed End Cap

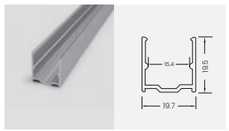
Accessory

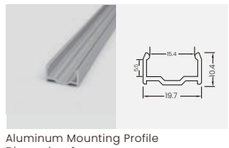
Accessories

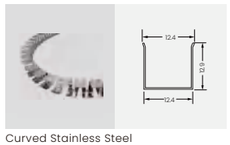

Aluminum Mounting Clip
Dimension: 3cm


Aluminium Mounting clips
Dimension: 3cm


Aluminum Mounting Profile
Dimension: 1m


Aluminum Mounting Profile
Dimension: 1m

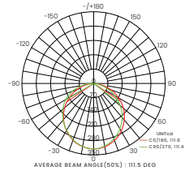

Aluminum Mounting Profile
Dimension: 1m


Curved Stainless Steel
mounting profile
Dimension: 1m

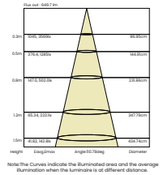
3D BEND 1617 PRO NEW



- 16mm wide three-sided luminous surface with top bending, side bending, and twisting, ideal for versatile indoor, outdoor, and architectural lighting.
- Soft-rigid PCB structure combines flexible and rigid PCB sections to better protect the LED chips, ensuring enhanced durability and high reliability.
- Dust-resistant matte finish ensures a clean appearance with uniform, natural light.
- 3-5 years warranty, working life ≥ 50,000 hours.



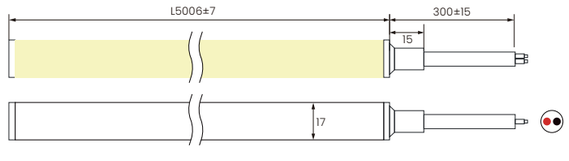
Light Distribution Curve
(24V, 10W, 4000K)

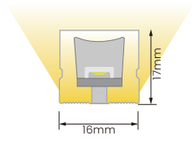


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NH-3D1617
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-40°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	20m/10m/7m
Cutting Length	16.66mm

Parameters

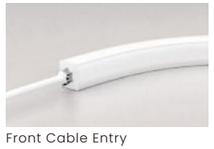
CRI	CCT	lm/m	w/m	lm/w
≥90	2700±100K	1263.7	10	126.37
	3000±100K	1313.7	10	131.37
	4000±150K	1346.9	10	134.69
	6000-6500K	1300	10	130

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



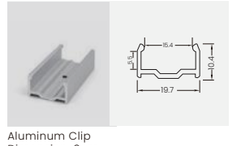
Bottom Cable Entry



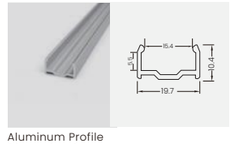
Closed End Cap

Accessory

Accessories



Aluminum Clip
Dimension: 3cm



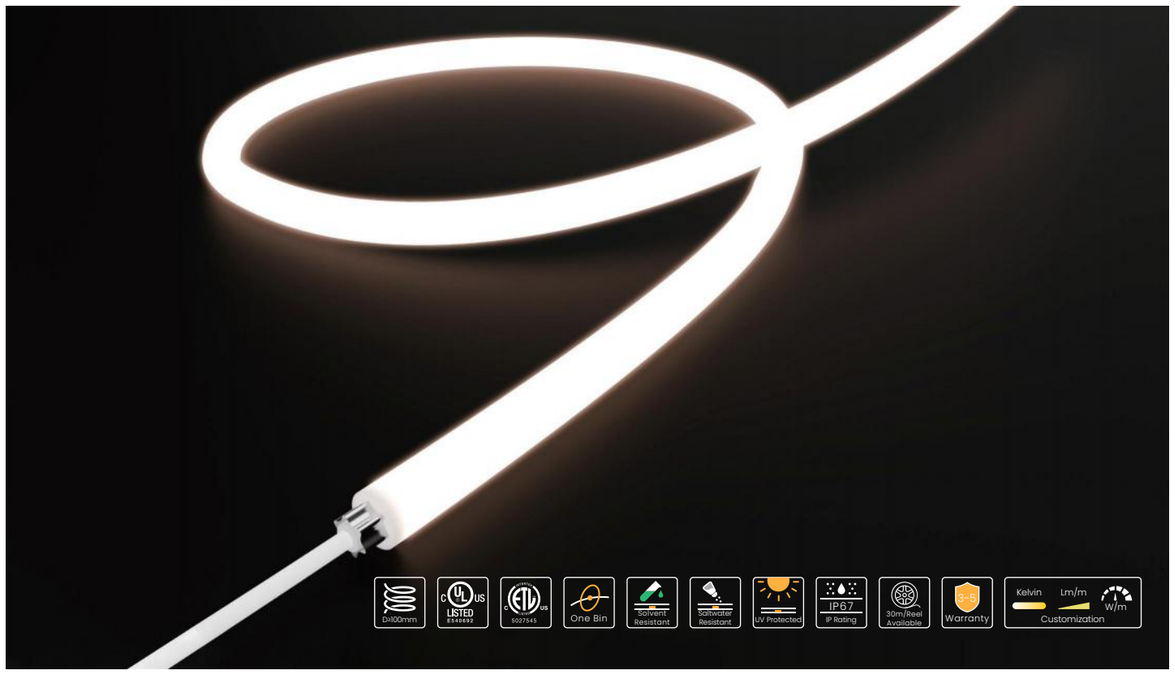
Aluminum Profile
Dimension: 1m

ROUND 360° NEON

360° uniform lighting without shadows, featuring a dust-resistant surface with a matte finish, stylish appearance, and elegant design.

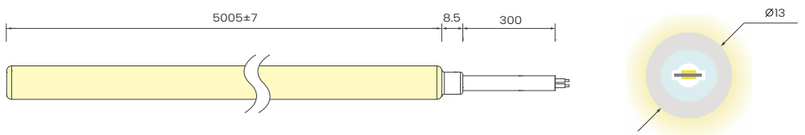


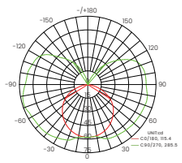
ROUND 360° R13



- 13mm diameter, 360° uniform lighting.
- Silicone co-extrusion with a dust-resistant matte finish for a clean, uniform appearance.
- IP67 rated, suitable for indoor decorative or artistic lighting.
- 3-5 years warranty, working life ≥50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 8.6W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NS-R13
Working Voltage	DC24V
Rated Power(w/m)	8.6w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	8.6W
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	8.6w
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800±100	385	8.6	44.7
	2400±150	461	8.6	53.6
	2700±150	514	8.6	59.8
	3000±150	518	8.6	60.2
	3500±200	506	8.6	58.8
	4000 $^{+400}_{-200}$	531	8.6	61.7
	5200 $^{+500}_{-300}$	500	8.6	58.1
	6500±500	489	8.6	56.9
--	Red	55	8.6	6.4
	Green	599	8.6	69.6
	Blue	115	8.6	13.3
	Yellow	93	8.6	10.8
	Orange	101	8.6	11.7

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Front Cable Entry (IP67)



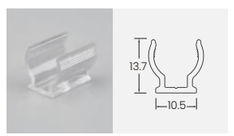
Front Cable Entry



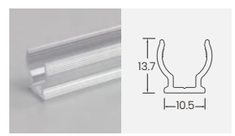
Closed End Cap

Accessory

Accessories



PC clips
Dimension: 2cm



PC Profile
Dimension: 1m



Silicone Cable
2PIN

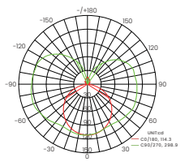


Anti-rain connector

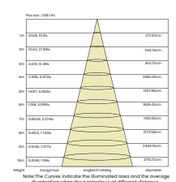
ROUND 360° R25 HOT



- 25mm diameter, 360° uniform lighting.
- Silicone co-extrusion with a dust-resistant matte finish for a clean, uniform appearance.
- IP65 rated, suitable for indoor decorative or artistic lighting.
- Supports various installation methods for creative lighting designs.
- 3-5 years warranty, working life ≥50000 hours.

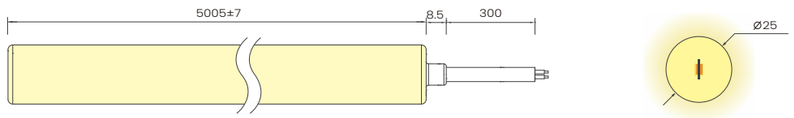


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-R25
Working Voltage	DC24V
Rated Power(w/m)	5w/10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2400±150	530	10	53
	2700±150	520	10	52
	3000±150	530	10	53
	3500±200	600	10	60
	4000 $^{+400}_{-200}$	550	10	55
	5000 $^{+500}_{-300}$	600	10	60
	6000±500	580	10	58
--	R: 620-630nm	250	10	25
	G: 520-530nm	500	10	50
	B: 465-475nm	110	10	11
	Y: 585-595nm	210	10	21
	Pink	410	10	41

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	258	5	50
	6500K±500	262	5	50
	2700K+6500K	517	10	50

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	56	3.3	16
	G: 520-530nm	162	3.3	47
	B: 465-475nm	26	3.3	7
	RGB	248	10	24

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	16w
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	58	4	15
	G: 520-530nm	194	4	49
	B: 465-475nm	32	4	8
≥90	W: 3200±200	224	4	56
	RGBW	281	16	23

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Closed End cap

Silicone end cap (IP65)


Front Cable Entry


Closed End cap

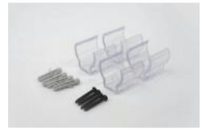
Metal End Cap(IP65) The metal guard coil is unavailable if fitted the metal end cap


Front Cable Entry


Closed End cap

Accessory

Accessories


PC Clips


PC Profile


Mounting Base


Hanging Base


Hanging clips


Mounting clips


Adjustable Hanging


Endcap


Closed Endcap


Endcap


Closed Endcap


PC Connector


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP65 Connector
Wire Gauge:
20AWG-22AWG

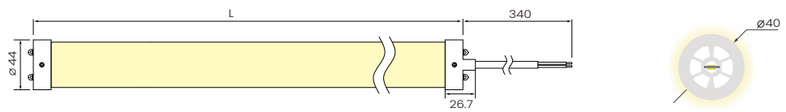

Anti-rain connector

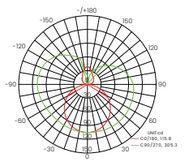
ROUND 360° R40 HOT



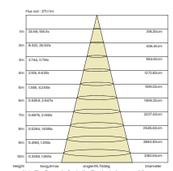
- 40mm diameter, 360° uniform lighting.
- Silicone co-extrusion with a dust-resistant matte finish for a clean, uniform appearance.
- IP54 rated, suitable for indoor decorative or artistic lighting.
- Supports various installation methods for creative lighting designs.
- 3-5 years warranty, working life ≥50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 15W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NS-R40
Working Voltage	DC24V
Rated Power(w/m)	15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	15w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700±150	1005	15	67
	3000±150	915	15	61
	3500±200	945	15	63
	4000 $^{+400}_{-200}$	1005	15	67
	5000 $^{+500}_{-300}$	1065	15	71
	6500±500	990	15	66
--	R: 620-630nm	390	15	26
	G: 520-530nm	1035	15	69
	B: 465-475nm	210	15	14
	Y: 585-595nm	300	15	20
	Pink	900	15	60

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	503	7.5	67
	6500K±500	495	7.5	66
	2700K+6500K	990	15	66

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	105	5	21
	G: 520-530nm	430	5	86
	B: 465-475nm	75	5	15
	RGB	615	15	41

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	84	3.8	22
	G: 520-530nm	342	3.8	90
	B: 465-475nm	65	3.8	17
≥90	W:3000±150	281	3.8	74
	RGBW	795	15	53

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Metal end Cap (IP54)



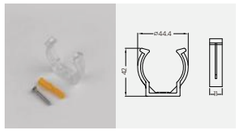
Front Cable Entry



Closed End cap

Accessory

Accessories



PC Clip
Dimension: 4.2cm



Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN



IP54 Connector
Wire Gauge:
20AWG-22AWG

LONG RUN NEON

This series adds a copper layer to the back of the FPC for better conductivity and heat dissipation, ensuring uniform brightness over single-end runs up to 24 meters.

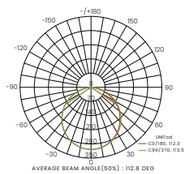


ULTRA-LONG T1617 NEW

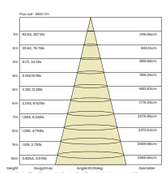


Additional models in the Ultra-Long series are available on request.

- Designed for long runs, this 24V DC, 10W/m top-bend neon reaches 24 m from a single power feed, reducing driver locations and simplifying wiring in large outdoor projects.
- Built-in current control keeps brightness consistent, while extra copper backing lowers voltage drop and improves cooling, durability, and electrical reliability.
- 3-5 years warranty, working life ≥50000 hours.

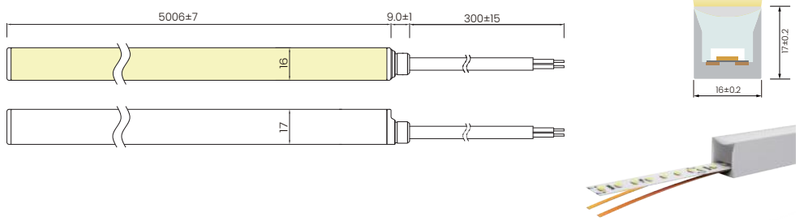


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-T1617LR
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	10w
Max. Run Length	24m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	487	10	48.7
	2100K±150	547	10	54.7
	2400K±150	593	10	59.3
	2700K	637	10	63.7
	3000K	664	10	66.4
	3500K	690	10	69.0
	4000K	699	10	69.9
	5000K	715	10	71.5
	6500K	702	10	70.2

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



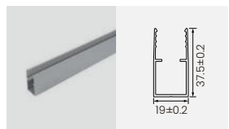
Bottom Cable Entry



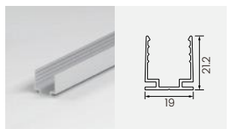
Closed End Cap

Accessory

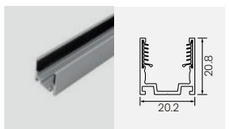
Accessories



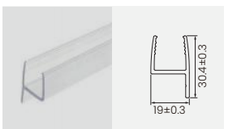
Aluminum Profile
Dimension: 1m



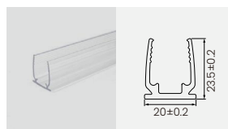
Aluminum Profile
Dimension: 1m



Internal Gear Profile
Dimension: 1m



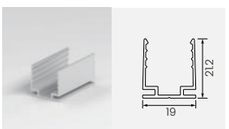
PC Profile
Dimension: 1m



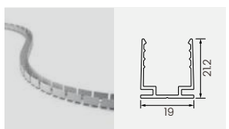
PC Profile
Dimension: 1m



PC Clip
Dimension: 3.5cm



Aluminum Mounting Clips
Dimension: 3.5cm



Curved profile
Dimension: 1m



Silicone Cable
2PIN



IP67 Connector
Wire Gauge:
2X16AWG



Anti-rain connector

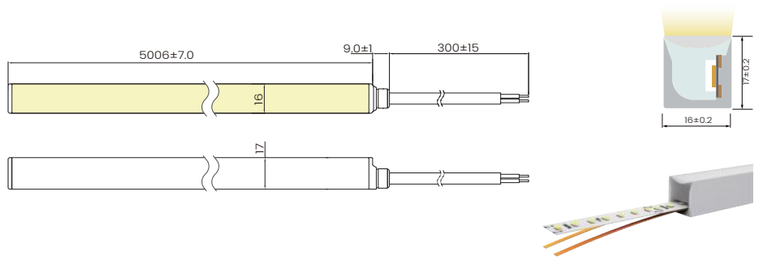
ULTRA-LONG S1617 NEW



Additional models in the Ultra-Long series are available on request.

- Designed for long runs, this 24V DC, 10W/m side-bend neon reaches 24 m from a single power feed, reducing driver locations and simplifying wiring in large outdoor projects.
- Built-in current control keeps brightness consistent, while extra copper backing lowers voltage drop and improves cooling, durability, and electrical reliability.
- 3-5 years warranty, working life ≥ 50000 hours.

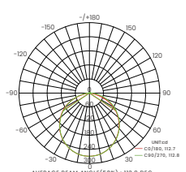
Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-S1617LR
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	10w
Max. Run Length	24m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	403	10	40.3
	2100K±150	449	10	44.9
	2400K±150	489	10	48.9
	2700K	528	10	52.8
	3000K	555	10	55.5
	3500K	570	10	57.0
	4000K	591	10	59.1
	5000K	588	10	58.8
	6500K	580	10	58.0

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry

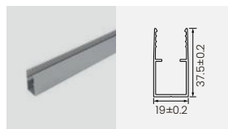


Bottom Cable Entry

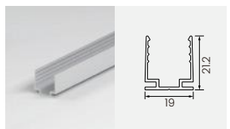


Closed End Cap

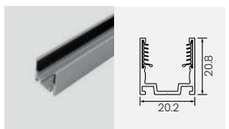
Accessories



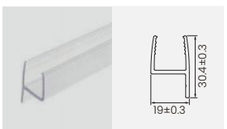
Aluminum Profile
Dimension: 1m



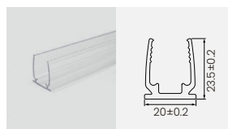
Aluminum Profile
Dimension: 1m



Internal Gear Profile
Dimension: 1m



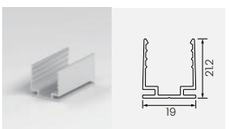
PC Profile
Dimension: 1m



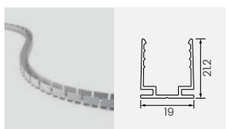
PC Profile
Dimension: 1m



PC Clip
Dimension: 3.5cm



Aluminum Mounting Clips
Dimension: 3.5cm



Curved profile
Dimension: 1m



Silicone Cable
2PIN



IP67 Connector
Wire Gauge:
2X16AWG



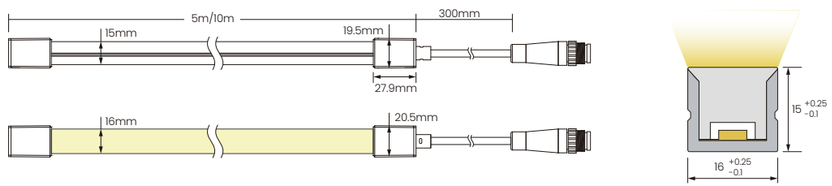
Anti-rain connector

48V T1615



- Designed for long runs, this 48V DC single-color top-bend neon reaches up to 30m at 5W/m from a single power feed, simplifying wiring in large outdoor projects.
- Its 16 × 15 mm Dow silicone body follows vertical curves with even, shadow-free light. IP67 protection and resistance to UV, salts, acids and alkalis support outdoor durability.
- 3-5-year warranty, 50,000-hour lifetime.

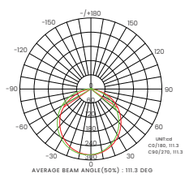
Dimensions(Unit: mm)



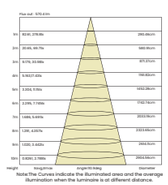
Basic Parameters

Model No.	NS-T1615
Working Voltage	DC48V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Light Distribution Curve
(48V, 10W, 3000K)



Effective Average Illuminance

Single Color

Single color

Voltage	DC48V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	30m/23m/16m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2100K±100	459.9	10	46
	2400K±100	468.1	10	46.8
	2700K±100	552.7	10	55.3
	3000K±100	539.3	10	53.9
	3500K±200	583.9	10	58.4
	4000K +400 −200	573.4	10	57.3
	5000K +500 −200	570.3	10	57
	6500K +200 −600	572.9	10	57.3
--	Red	237.5	10	23.7
	Green	548.2	10	54.8
	Blue	106.9	10	10.7
	Yellow	44.4	10	4.4
	Pink	224.5	10	22.5
	Orange	192.0	10	19.2

Tunable White

Tunable

Voltage	DC48V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	28m/20m/15m
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2200K+6000K	495	10	49.5

RGB

RGB

Voltage	DC48V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	25m/18m/12m
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	RGB	267.8	10	26.8

RGBW

RGBW

Voltage	DC48V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	23m/16m/10m
Cutting Length	166.66mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	RGBW	418	10	41.8

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry

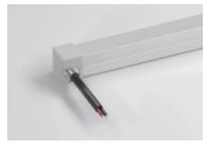

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws(IP67)


Front Cable Entry

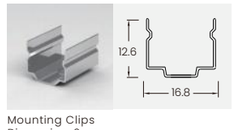

Side Cable Entry


Bottom Cable Entry

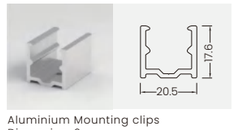

Closed End cap

Accessory

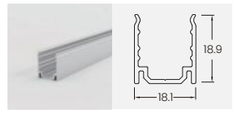
Accessories



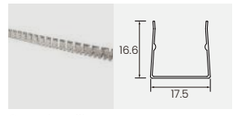
Mounting Clips
Dimension: 2cm



Aluminium Mounting clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m



Curved profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG

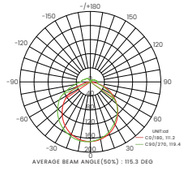

IP67 Connector
Wire Gauge:
20AWG


Anti-rain connector

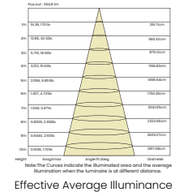
48V S1220



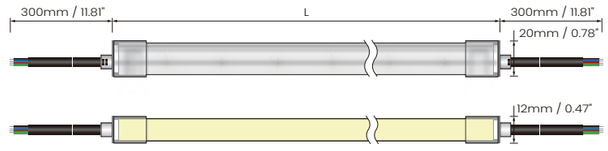
- Designed for long runs, this 48V DC single-color side-bend neon reaches up to 30m at 5W/m from a single power feed, simplifying wiring in large outdoor projects.
- Its 12 × 20 mm Dow silicone body delivers even, shadow-free light, while IP67 protection and resistance to UV, salts, acids and alkalis support lasting outdoor performance.
- 3-5-year warranty, 50,000-hour lifetime.

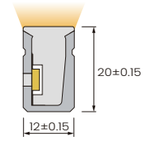


Light Distribution Curve
(48V, 10W, 3000K)


Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NS-S1220
Working Voltage	DC48V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC48V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	30m/23m/16m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2100K±100	258.7	10	25.9
	2400K±100	293	10	29.3
	2700K±100	303.2	10	30.3
	3000K±100	307.2	10	30.7
	3500K $^{+200}_{-100}$	345.1	10	34.5
	4000K $^{+300}_{-200}$	335.6	10	33.6
	5000K $^{+300}_{-200}$	329.4	10	32.9
	6500K $^{+400}_{-100}$	328.3	10	32.8
--	Red	155.4	10	15.5
	Green	372.6	10	37.3
	Blue	69.8	10	7
	Yellow	30.4	10	3
	Pink	148.2	10	14.8
	Orange	110.0	10	11

Tunable

Tunable White

Voltage	DC48V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	28m/20m/15m
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2200K+6000K	280	10	49

RGB

RGB

Voltage	DC48V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	25m/18m/12m
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	RGB	160.2	10	26.8

RGBW

RGBW

Voltage	DC48V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	23m/16m/10m
Cutting Length	166.66mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	RGBW	235	10	41.8

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End cap

Solder Free End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry

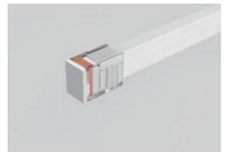

Closed End cap

Solder Free End Cap without screws(IP67)


Front Cable Entry

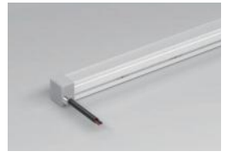

Side Cable Entry


Bottom Cable Entry


Closed End cap

Silicone End Cap (IP67)


Front Cable Entry

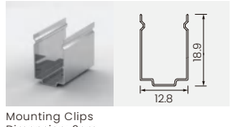

Side Cable Entry


Bottom Cable Entry

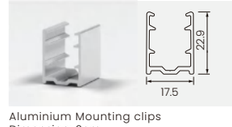

Closed End cap

Accessory

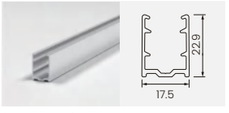
Accessories



Mounting Clips
Dimension: 2cm

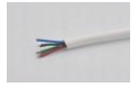


Aluminium Mounting clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG


IP67 Connector
Wire Gauge:
20AWG


Anti-rain connector

IP68 UNDERWATER NEON

The IP68 Neon Flex series offers excellent UV resistance, chemical stability, and abrasion resistance. It's designed to withstand harsh environments, including chlorine exposure, making it ideal for swimming pools and UL676 certified.

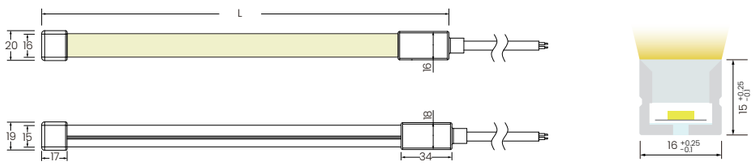


IP68 T1615 SILICONE



- IP68 protection with reinforced PVC inner layer and silicone co-extrusion, offering excellent waterproofing and corrosion resistance.
- W16mm × H15mm top view design with uniform light emission, ideal for swimming pools and architectural lighting.
- Vertical bending design with excellent toughness for flexible installation.
- 3-5 years warranty, working life ≥50000 hours.

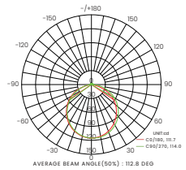
Dimensions(Unit: mm)



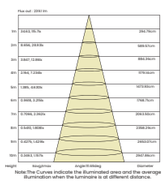
Basic Parameters

Model No.	NW-T1615
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45℃



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length(CC)	15m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2400K±150	370	10	37
	2600K±150	370	10	37
	3000K±150	375	10	37.5
	4000K $^{+400}_{-200}$	410	10	41
	6100K±500	375	10	37.5
--	Red	174	10	17.4
	Green	489	10	48.9
	Blue	89	10	8.9
	Yellow	178	10	17.8
	Orange	184	10	18.4
	Pink	437	10	43.7

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	200	5	40
	6500K±500	210	5	42
	2700K+6500K	410	10	41

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	54	3.3	16.5
	G	201	3.3	61
	B	39	3.3	12
	RGB	295	10	29.5

SPI
Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	UCS1903
Power(w/m)	11.5w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	73	4.8	15.3
	G	182	4.8	37.9
	B	33	4.8	6.8
	RGB	288	11.5	25.0

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

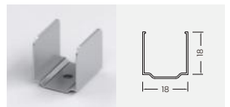
Integral End Cap (IP68)

Front Cable Entry

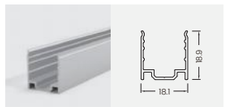
Closed End Cap

Accessory

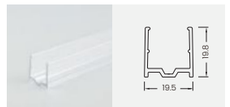
Accessories



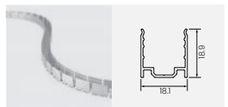
Mounting Clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m



PC Profile
Dimension: 1m



Curved profile
Dimension: 1m



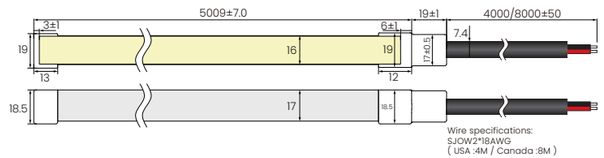
Rubber Cables
2PIN, 3PIN, 4PIN

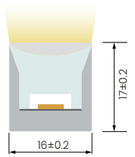
IP68 T1617 SILICONE

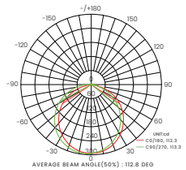


- IP68 protection with advanced sealing, durable at 5m underwater.
- Made from a chlorine-resistant silicone formula, resists up to 5ppm, ideal for swimming pools.
- Dust-resistant matte finish with a sleek look.
- UL676 certified, 3 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

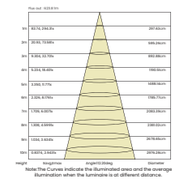
Dimensions(Unit: mm)







Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NW-T1617
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

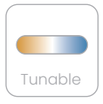


Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	27m/18m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	485	10	48.5
	2100K±150	542	10	54.2
	2400K±150	570	10	57.0
	2700K±150	616	10	61.6
	3000K±150	644	10	64.4
	3500K±200	683	10	68.3
	4000K $^{+400}_{-200}$	689	10	68.9
	5000K $^{+500}_{-300}$	693	10	69.3
	6500K±500	688	10	68.8
--	Red	281	10	28.1
	Green	658	10	65.8
	Blue	136	10	13.6
	Yellow	211	10	21.1
	Orange	291	10	29.1
	Pink	573	10	57.3



Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	11w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	723	9.5	76.1
	6500K±500	812	9.5	85.5
	2700K+6500K	933	11	84.8



RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	62	3.3	18.9
	G	235	3.3	71.2
	B	39	3.3	11.8
	RGB	338	10	33.8



RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	78	3.7	20.8
	G	192	3.7	51.3
	B	55	3.7	14.7
≥80	W3000K±150	234	3.7	62.4
	RGBW	554	15	36.9



DMX RGBW

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	54	5	10.7
	G	144	5	28.8
	B	42	5	8.4
≥80	W:4000K $^{+400}_{-200}$	174	5	34.7
	RGBW	414	15	27.6

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Integral End Cap (IP68)



Front Cable Entry



Side Cable Entry



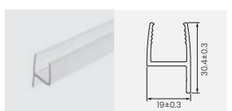
Bottom Cable Entry



Closed End Cap

Accessory

Accessories



PC Profile
Dimension: 1m



PC Profile
Dimension: 1m



PC Clip
Dimension: 3.5cm

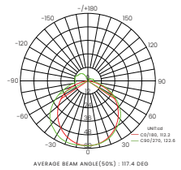


SJOW Rubber cable
2PIN, 3PIN, 4PIN, 5PIN

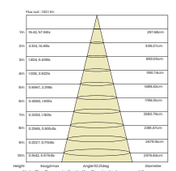
IP68 S1220 SILICONE



- IP68 protection with reinforced PVC inner layer and silicone co-extrusion, offering excellent waterproofing and corrosion resistance.
- W12mm × H20mm side view design with uniform light emission, ideal for swimming pools and underwater lighting.
- Horizontal bending design with excellent toughness for flexible installation.
- 3-5 years warranty, working life ≥50000 hours.

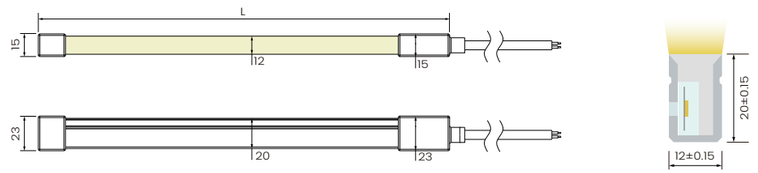


Light Distribution Curve
(24V, 10W, 4200K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NW-S1220
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45℃

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length(CC)	15m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2400K±150	290	10	29
	2600K±150	242	10	24.2
	3000K±150	285	10	28.5
	4200K $^{+400}_{-200}$	272	10	27.2
	6000K±500	281	10	28.1
--	Red	139	10	13.9
	Green	275	10	27.5
	Blue	53.5	10	5.4
	Yellow	113	10	11.3
	Orange	122	10	12.2
	Pink	242	10	24.2

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	140	5	28
	6500K±500	145	5	29
	2700K+6500K	285	10	28.5

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	36	3.3	11
	G: 520-530nm	130	3.3	39.3
	B: 465-475nm	24	3.3	7.4
	RGB	190	10	19

SPI Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	UCS1903
Power(w/m)	11.5w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	22	4.8	4.57
	G	70	4.8	14.9
	B	12	4.8	2.6
	RGB	99	11.5	8.9

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Silicone End Cap (IP68)



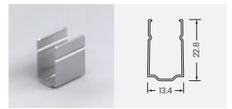
Front Cable Entry



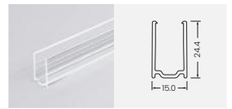
Closed End Cap

Accessory

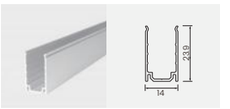
Accessories



Mounting Clips
Dimension: 2cm



PC Profile
Dimension: 1m



Aluminium Profile
Dimension: 1m

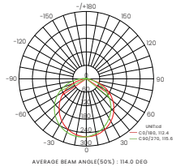


Rubber Cables
2PIN, 3PIN, 4PIN

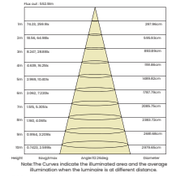
IP68 S1617 SILICONE



- IP68 and IK10 protection with opal polyurethane encapsulation, durable at 5m underwater.
- UV-resistant and chemically stable against urban gases, with abrasion protection, ideal for swimming pools.
- Constant current IC for long runs up to 15m without voltage drop.
- Injection-molded end caps fit the light body and install easily on aluminum, with various wire exits for seamless, gap-free lighting.
- 3-5 years warranty, working life ≥50000 hours.

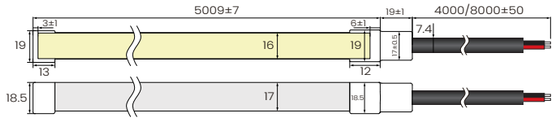


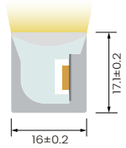
Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NW-S1617
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	27m/18m/12m
Cutting Length	50mm

Parameters (CC)

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	432	10	43.2
	2100K±150	479	10	47.9
	2400K±150	514	10	51.4
	2700K	552	10	55.2
	3000K	573	10	57.3
	3500K	605	10	60.5
	4000K	626	10	62.6
	5000K	630	10	63.0
	6500K	627	10	62.7
--	Red	252	10	25.2
	Green	593	10	59.3
	Blue	123	10	12.3
	Yellow	194	10	19.4
	Orange	255	10	25.5
	Pink	511	10	51.1



Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	11w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	629	9.5	66.2
	6500K±500	707	9.5	74.4
	2700K+6500K	811	11	73.7



RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	55	3.3	16.7
	G	208	3.3	63.1
	B	35	3.3	10.5
	RGB	298	10	29.8

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	65	3.7	17.4
	G	180	3.7	47.9
	B	51	3.7	13.5
≥80	W3000K±150	213	3.7	56.9
	RGBW	507	15	33.8

DMX 512 Digital

DMX RGBW

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	46	5	9.2
	G	127	5	25.3
	B	37	5	7.4
≥80	W:4000K $^{+400}_{-200}$	153	5	30.5
	RGBW	363	15	24.2

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Integral End Cap (IP68)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Accessory

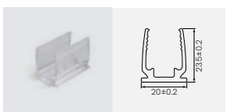
Accessories



PC Profile
Dimension: 1m



PC Profile
Dimension: 1m



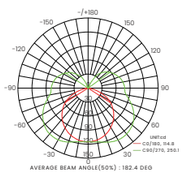
PC Clip
Dimension: 3.5cm


SJOW Rubber cable
2PIN, 3PIN, 4PIN, 5PIN

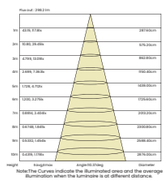
IP68 T1010 PU



- IP68 and IK10 protection with opal polyurethane encapsulation, resistant to yellowing, salt water, and chlorine.
- Soft and uniform light emission without light spots, ideal for indoor and outdoor decorative lighting.
- 10mm top view design with vertical bending, suitable for various installation needs.
- 3-5 years warranty, working life ≥ 50000 hours.

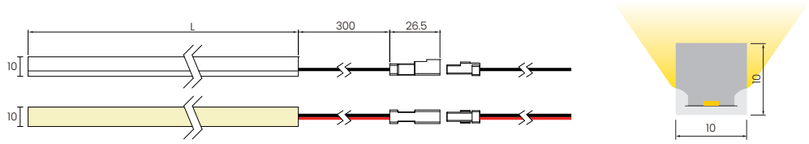


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NW-T1010-PU Three Sided Light
Working Voltage	DC24V
Rated Power(w/m)	5w/10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output
Power(w/m)	5w	10W
Max. Ambient tempt.(Tamax)	50°C	45°C



Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w
Max. Run Length	19m/12m
Cutting Length	41.6mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2500K±150	617	10	61.7
	2700K±150	656	10	65.7
	3000K±150	697	10	69.7
	3500K±200	738	10	73.9
	4000K +400 −200	724	10	72.5
	4500K +400 −200	722	10	72.2
	5700K +500 −300	684	10	68.5



Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	282	5	56.4
	6500K±500	312	5	62.4
	2700K+6500K	585	10	58.5



RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

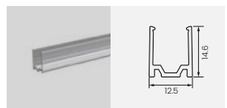
Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	75	3.3	22.9
	G	228	3.3	69.2
	B	44	3.3	13.5
	RGB	352	10	35.3

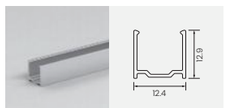
Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Accessory

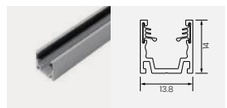
Accessories



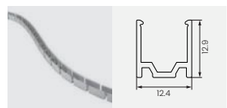
Transparent plastic groove
Dimension: 1m



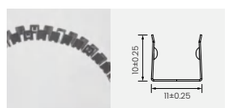
Aluminium Profile
Dimension: 1m



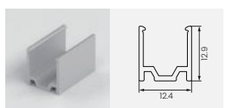
Internal Gear Profile
Dimension: 1m



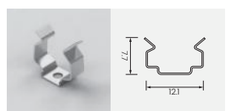
Curved profile
Dimension: 1m



Curved profile
Dimension: 1m



Aluminium Mounting clips
Dimension: 2cm



Stainless Steel Mounting clips
Dimension: 0.8cm


JST Cable
2PIN, 3PIN, 4PIN

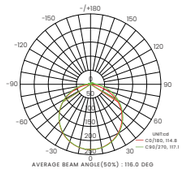

TPU Cable
2PIN, 3PIN, 4PIN


Waterproof
Connector with
TPU Cable:
20AWG

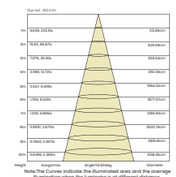
IP68 T1615 PU HOT



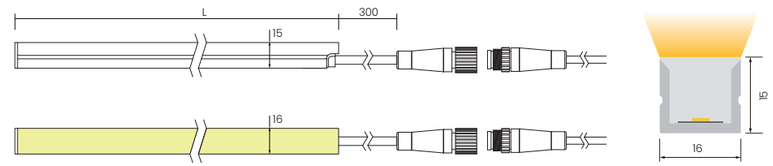
- IP68 and IK10 protection with opal polyurethane encapsulation, durable at 3m underwater.
- UV-resistant and chemically stable against urban gases, with abrasion protection, ideal for swimming pools.
- Constant current IC for long runs up to 26m without voltage drop.
- Injection-molded end caps fit the light body and install easily on aluminum, with various wire exits for seamless, gap-free lighting.
- 3-5 years warranty, working life ≥ 50000 hours.



Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NW-T1615-PU
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w/15w
Max. Run Length	26m/18m/14m
Cutting Length	41.6mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	616	10	61.6
	3000K±150	654	10	65.4
	3500K±200	722	10	72.3
	4000K $^{+400}_{-200}$	697	10	69.8
	5000K $^{+500}_{-300}$	684	10	68.4
	6500K±500	637	10	63.7

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	392	7.5	52.3
	6500K±500	421	7.5	56.2
	2700K+6500K	795	15	53.0

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	103	5	20.6
	G	242	5	48.4
	B	50	5	10.1
	RGB	379	15	25.3

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	83	3.7	22.4
	G	189	3.7	50.5
	B	40	3.7	10.9
≥80	W3000K±200	227	3.7	60.5
	RGBW	525	15	35.1

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Integral End Cap (IP68)


Front Cable Entry

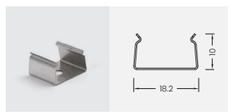

Side Cable Entry


Bottom Cable Entry

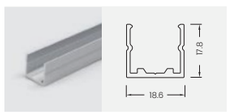

Closed End Cap

Accessory

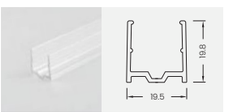
Accessories



Mounting Clips
Dimension: 1.5cm



Aluminium Profile
Dimension: 1m



PC Profile
Dimension: 1m

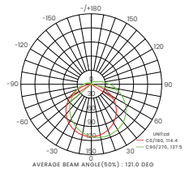

TPU Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG

IP68 S0612 PU



- IP68 neon offers premium UV resistance.
- Horizontal bending in W6mm X H12mm small size with uniform light and dimmable function.
- Long Run Length > 10m, Production Length is up to 30m.
- Support freely configurable in length by small cutting increments.

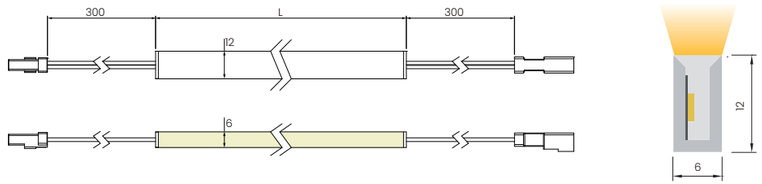


Light Distribution Curve
(24V, 8W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NW-S0612-PU
Working Voltage	DC24V
Rated Power(w/m)	8w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	8W
Max. Ambient tempt.(Tamax)	45°C



Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	8w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2500K±150	364	8	45.6
	2700K±150	383	8	48.0
	3000K±150	398	8	49.8
	3500K±200	424	8	53.0
	4000K $^{+400}_{-200}$	416	8	52.0
	4500K $^{+400}_{-200}$	402	8	50.4
	5700K $^{+500}_{-300}$	387	8	48.5



Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	8w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	132	4	33.0
	6500K±500	142	4	35.7
	2700K+6500K	271	8	33.9



RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	8w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	35	2.7	13.1
	G	110	2.7	41.1
	B	20	2.7	7.4
	RGB	157	8	19.7

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Silicone End Cap (IP68)



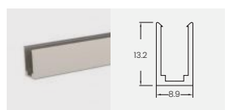
Front Cable Entry



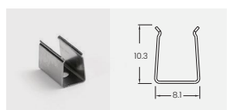
Closed End Cap

Accessory

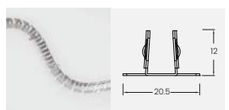
Accessories



Aluminium profile
Dimension: 1m



Stainless steel mounting clips
Dimension: 1.5cm



Curved profile
Dimension: 51.4cm

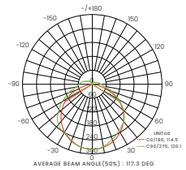


JST Cable
2PIN, 3PIN, 4PIN

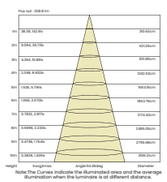
IP68 S1220 PU



- IP68 and IK10 protection with opal polyurethane encapsulation, durable at 3m underwater.
- UV-resistant and chemically stable against urban gases, with abrasion protection, ideal for swimming pools.
- Constant current IC for long runs up to 23m without voltage drop.
- Injection-molded end caps fit the light body and install easily on aluminum, with various wire exits for seamless, gap-free lighting.
- 3-5 years warranty, working life ≥ 50000 hours.

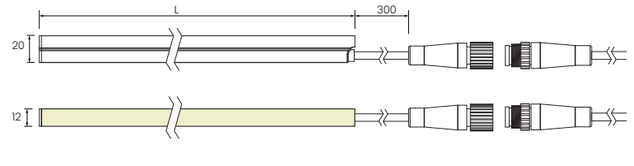


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NW-S1220-PU
Working Voltage	DC24V
Rated Power(w/m)	5w/10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w/15w
Max. Run Length	23m/16m/12m
Cutting Length	41.6mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2500K±150	400	10	40.1
	2700K±150	429	10	43
	3000K±150	438	10	43.9
	3500K±200	471	10	47.1
	4000K $^{+400}_{-200}$	462	10	46.2
	4500K $^{+400}_{-200}$	456	10	45.6
	5700K $^{+500}_{-300}$	419	10	42

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	272	7.5	36.3
	6500K±500	289	7.5	38.6
	2700K+6500K	547	15	36.5

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	74	5	15.0
	G	164	5	32.9
	B	33	5	6.6
	RGB	258	15	17.2

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	62	3.7	16.6
	G	134	3.7	35.9
	B	29	3.7	7.9
≥80	W3000K±200	157	3.7	42.0
	RGBW	366	15	24.4

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Integral End Cap (IP68)


Front Cable Entry

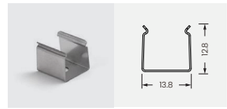

Side Cable Entry


Bottom Cable Entry

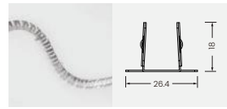

Closed End Cap

Accessory

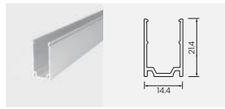
Accessories



Mounting Clips
Dimension: 1.5cm



Aluminium Profile
Dimension: 5.14m



PC Profile
Dimension: 1m


TPU Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG

SAUNA NEON

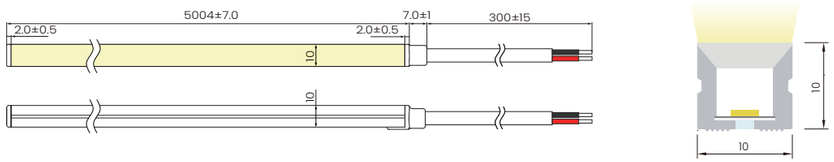
This series of neon flex is specially designed for hot and humid sauna environments, withstanding temperatures up to 105°C and featuring IP67 protection for reliable illumination.

SAUNA NEON T1010



- LED neon made with Dow Corning silicone withstands heat and moisture, operating reliably in sauna environments from -25°C to 105°C.
- IP67 protection and Lumileds LEDs ensure stable illumination in hot, humid conditions.
- The compact 10 × 10 mm top-bend design enables smooth vertical curves in space-limited installations.
- 3-5 years warranty, working life ≥ 50000 hours.

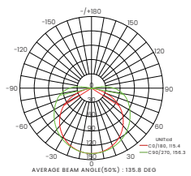
Dimensions(Unit: mm)



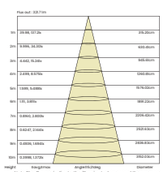
Basic Parameters

Model No.	SAUNA NS-T1010
Working Voltage	DC24V
Rated Power(w/m)	5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	5w
Max. Ambient tempt.(Tamax)	105°C



Light Distribution Curve
(24V, 5W, 4000K)



Effective Average Illuminance

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	428	5	85.6
	3000K±150	447	5	89.4
	3500K±200	462	5	92.3
	4000K $^{+400}_{-200}$	465	5	93.0
	5000K $^{+500}_{-300}$	475	5	95.0
	6500K±500	467	5	93.4

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry

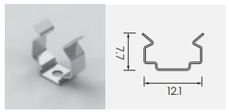


Bottom Cable Entry

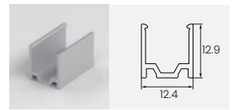


Closed End Cap

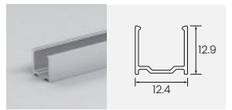
Accessories



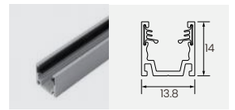
Stainless Steel Mounting clips
Dimension: 0.8cm



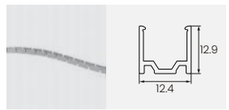
Aluminium Mounting clips
Dimension: 2cm



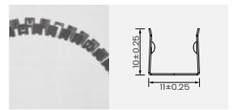
Aluminium Profile
Dimension: 1m



Internal Gear Profile
Dimension: 1m



Curved profile
Dimension: 1m



Curved profile
Dimension: 1m



Silicone Cable
2PIN



IP67 Connector
Wire Gauge:
20AWG

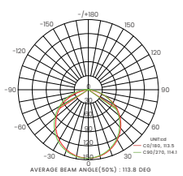


Anti-rain connector

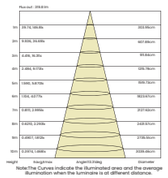
SAUNA NEON T1617



- LED neon made with Dow Corning silicone withstands heat and moisture, operating reliably in sauna environments from -25°C to 105°C.
- IP67 protection and Lumileds LEDs ensure stable illumination in hot, humid conditions.
- The 16 × 17 mm top-bend design enables smooth vertical curves for continuous sauna outlines.
- 3-5 years warranty, working life ≥50000 hours.

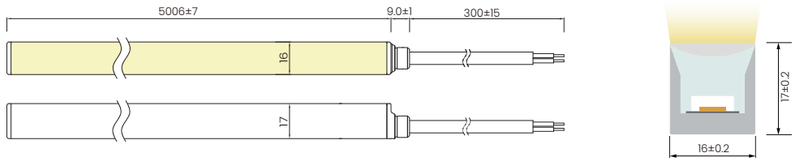


Light Distribution Curve
(24V, 5W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	SAUNA NS-T1617
Working Voltage	DC24V
Rated Power(w/m)	5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	5w
Max. Ambient tempt.(Tamax)	105°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	431	5	86.2
	3000K	432	5	86.4
	3500K	468	5	93.6
	4000K	478	5	95.5
	5000K	478	5	95.6
	6500K	469	5	93.7

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	414	5	82.7
	6500K±500	449	5	89.8
	2700K+6500K	448	5	89.6

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	85	2.5	34.1
	G	223	2.5	89.3
	B	53	2.5	21.3
≥80	3000K $^{+50}_{-250}$	230	2.5	91.9
	RGBW	589	10	58.9

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry

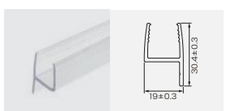

Side Cable Entry


Bottom Cable Entry

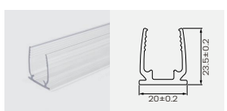

Closed End Cap

Accessory

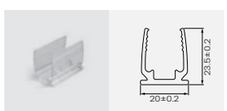
Accessories



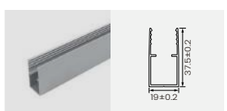
PC Profile
Dimension: 1m



PC Profile
Dimension: 1m



PC Clip
Dimension: 3.5cm



Aluminium Profile
Dimension: 1m


Silicone Cable
2PIN, 3PIN, 5PIN

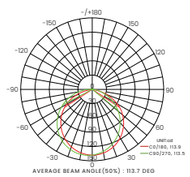

IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

SAUNA NEON S1617



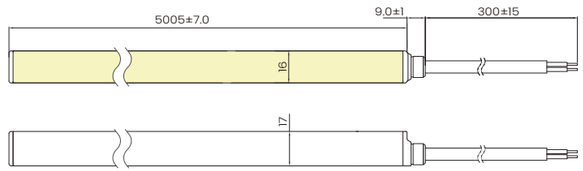
- LED neon made with Dow Corning silicone withstands heat and moisture, operating reliably in sauna environments from -25°C to 105°C.
- IP67 protection and Lumileds LEDs ensure stable illumination in hot, humid conditions.
- The 16 × 17 mm side-bend design enables smooth horizontal curves for continuous sauna outlines.
- 3-5 years warranty, working life ≥ 50000 hours.

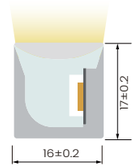


Light Distribution Curve
(24V, 5W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	SAUNA NS-S1617
Working Voltage	DC24V
Rated Power(w/m)	5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	5w
Max. Ambient tempt.(Tamax)	105°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	377	5	75.3
	3000K	385	5	77.0
	3500K	415	5	83.0
	4000K	421	5	84.2
	5000K	421	5	84.2
	6500K	404	5	80.7

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	386	5	77.2
	6500K±500	412	5	82.3
	2700K+6500K	419	5	83.7

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	71	2.5	28.4
	G	183	2.5	73.2
	B	44	2.5	17.7
≥80	3000K $^{+50}_{-300}$	189	2.5	75.4
	RGBW	484	10	48.4

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

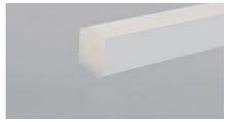
Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry

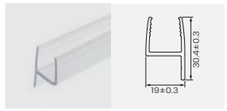

Side Cable Entry


Bottom Cable Entry

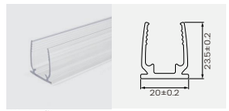

Closed End Cap

Accessory

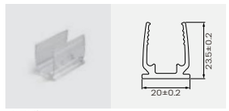
Accessories



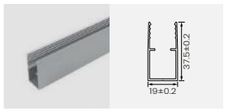
PC Profile
Dimension: 1m



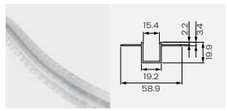
PC Profile
Dimension: 1m



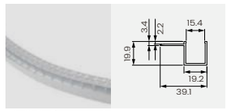
PC Clip
Dimension: 3.5cm



Aluminium Profile
Dimension: 1m



Flexible Recessed
Double-Sided Aluminum Profile
Dimension: 1m



Flexible Recessed
Single-Sided Aluminum Profile
Dimension: 1m


Silicone Cable
2PIN, 3PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

FURNITURE NEON

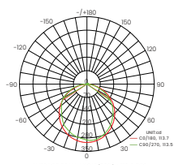
This series of neon flex can be cut anywhere along its length and features solder-free connectors for quick, flexible installation in cabinets, wardrobes, and other furniture applications.



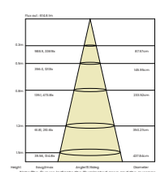
IP66 FURNITURE T1308 NEW



- This 13 x 8 mm top-bend neon flex features a wide 13 mm light-emitting surface, free-cut customization, and solder-free connectors, delivering bright, uniform lighting for cabinets, shelves, displays, and other furniture applications.
- 5-year indoor / 3-year outdoor warranty.

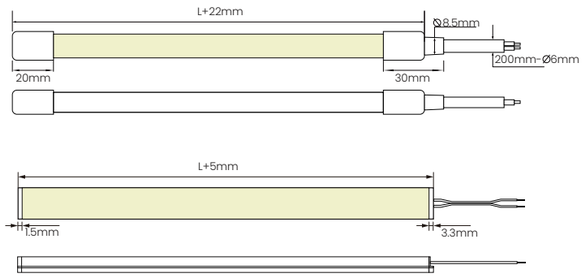


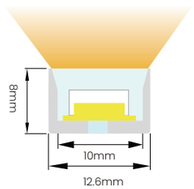
Light Distribution Curve
(24V, 12W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NF-T1308
Working Voltage	DC24V
Rated Power(w/m)	12w
Storage Temperature	-40°C~60°C
Ambient Temperature	Tamin=-40°C, Tamax (Table below)

Output	Std Output
Power(w/m)	12w
Max. Ambient tempt.(Tamax)	55°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	4.17mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	744	12	62
	3000K	756	12	63
	4000K	792	12	66
	6000K	768	12	64

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Silicone End Cap



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Solder Free End Cap



Front Cable Entry



Closed End Cap

Integral End Cap



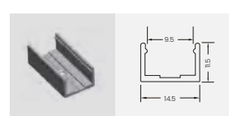
Front Cable Entry



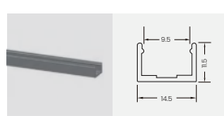
Closed End Cap

Accessory

Accessories



Install Aluminum Clips
Dimension: 2.5cm

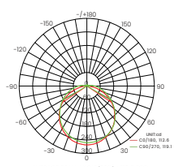


Aluminum Profile
Dimension: 95cm

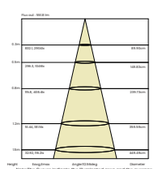
IP66 FURNITURE T2211 NEW



- This triangular 22 x 11 mm top-bend neon flex is designed for inside corners, providing wide, uniform lighting through its 22.5 mm light-emitting surface, with free-cut sizing and solder-free connectors for easy on-site installation.
- 5-year indoor / 3-year outdoor warranty.

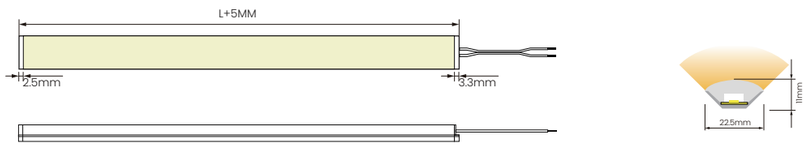


Light Distribution Curve
(24V, 12W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NF-T2211
Working Voltage	DC24V
Rated Power(w/m)	12w
Storage Temperature	-40°C~60°C
Ambient Temperature	Tamin=-40°C, Tamax (Table below)

Output	Std Output
Power(w/m)	12w
Max. Ambient tempt.(Tamax)	55°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	12w
Max. Run Length	6.5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	744	12	62
	3000K	756	12	63
	4000K	768	12	64
	6000K	732	12	61

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Integral End Cap



Front Cable Entry



Closed End Cap

Solder Free End Cap



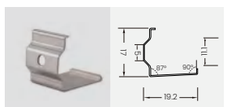
Front Cable Entry



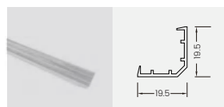
Closed End Cap

Accessory

Accessories



Install sus301 clips
Dimension: 1.5cm

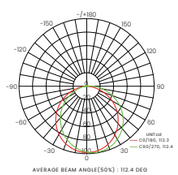


PC Profile
Dimension: 1m

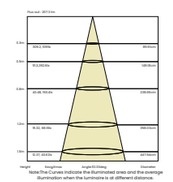
IP44 FURNITURE S0408 NEW



- This ultra-compact 4 x 8 mm side-bend neon flex can be cut at any point and features solder-free connectors for quick installation, making it ideal for narrow spaces in cabinets, wardrobes, shelves, and displays.
- 5-year indoor / 3-year outdoor warranty.

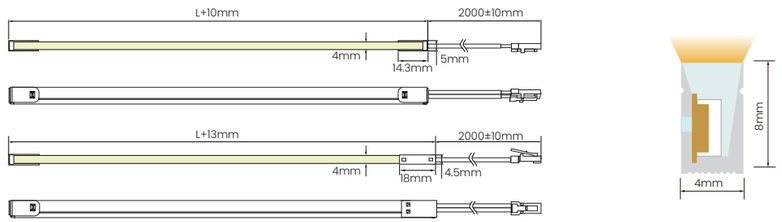


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NF-S0408
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-40°C~60°C
Ambient Temperature	Tamin=-40°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	55°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	5.56mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	280	10	28
	3000K	290	10	29
	4000K	300	10	30
	6000K	290	10	29

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Solder Free End Cap



Front Cable Entry



Closed End Cap

Integral End Cap (IP44)



Front Cable Entry

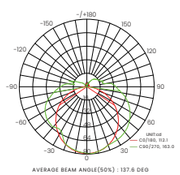


Closed End Cap

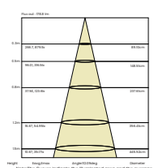
IP44 FURNITURE S0409T NEW



- This compact 4 x 9 mm side-bend neon flex can be freely cut to the required length and features an integrated T-shaped mounting flange for secure recessed installation and a clean finish in cabinets, wardrobes, shelves, and displays.
- 5-year indoor / 3-year outdoor warranty.

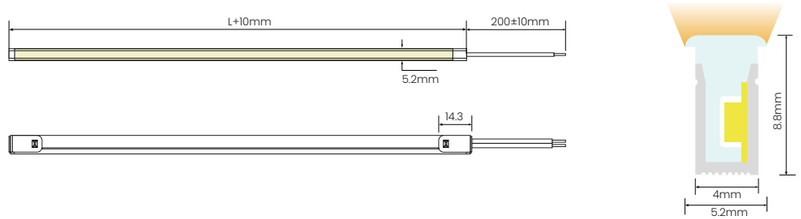


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NF-S0409T
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-40ºC~60ºC
Ambient Temperature	Tamin=-40ºC, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	55ºC

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	5.56mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	360	10	36
	3000K	370	10	37
	4000K	380	10	38
	6000K	370	10	37

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Solder Free End Cap



Front Cable Entry



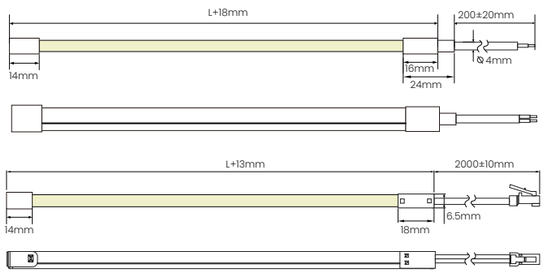
Closed End Cap

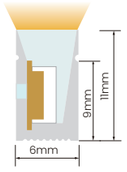
IP66 FURNITURE S0611 NEW



- This compact 6 x 11 mm side-bend neon flex is available in a free-cut version with solder-free connectors, while its 6 mm light-emitting surface provides smooth, uniform lighting for cabinets, wardrobes, shelves, and displays.
- 5-year indoor / 3-year outdoor warranty.

Dimensions(Unit: mm)

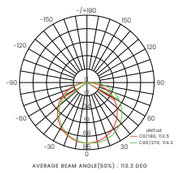




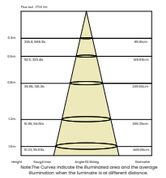
Basic Parameters

Model No.	NF-S0611
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-40°C~60°C
Ambient Temperature	Tamin=-40°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	55°C



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	220	10	22
	3000K	240	10	24
	4000K	270	10	27
	6000K	250	10	25

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Silicone End Cap



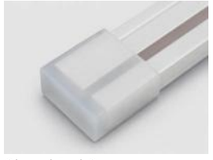
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Solder Free End Cap



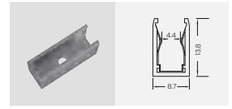
Front Cable Entry



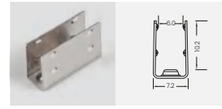
Closed End Cap

Accessory

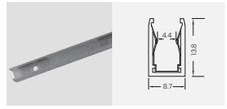
Accessories



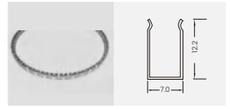
Install Aluminum Clips Kit
Dimension: 2.5cm



Install Stainless Steel Clips
Dimension: 2cm



Aluminum Profile Kit
Dimension: 1m



Bendable Serrated Profile
Dimension: 1m

PIXEL NEON

The Pixel Neon Flex series can be controlled via SPI or DMX512 and is compatible with Madrix. It supports complex color-changing effects, gradients, chases, pulsing patterns, and animations, all easily programmable.

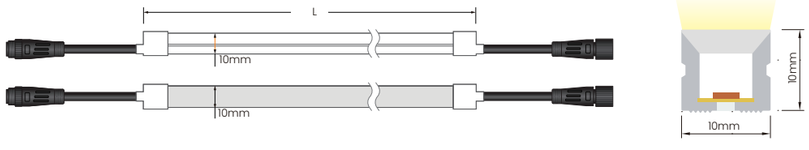


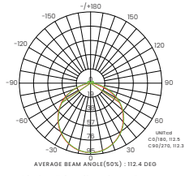
PIXEL T1010



- SPI-controlled digital LED neon with WS2811 IC, easy to set up and cost-effective, ideal for small indoor projects.
- Supports color-changing effects, gradients, chases, pulsating patterns, and animations.
- Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 12.5W, RGB)



Effective Average Illuminance

Basic Parameters

Model No.	NP-T1010
Working Voltage	DC24V
Rated Power(w/m)	12.5w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	69	4.8	14.4
	G	216	4.8	45.0
	B	35	4.8	7.3
	RGB	304	12.5	24.3

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 4.0mm		SPI: Red V+, Green DI/DO, Black V-

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry

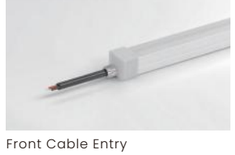


Bottom Cable Entry

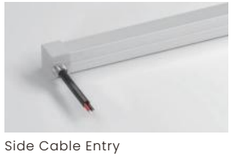


Closed End Cap

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



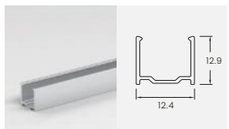
Bottom Cable Entry



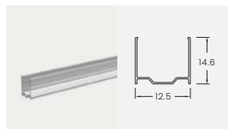
Closed End Cap

Accessory

Accessories



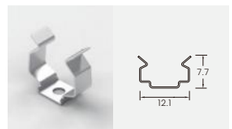
Aluminium Profile
Dimension: 1m



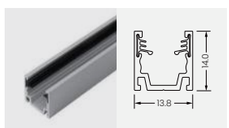
Transparent plastic groove
Dimension: 1m



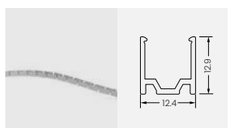
Aluminium Mounting clips
Dimension: 2cm



Stainless Steel Mounting clips
Dimension: 0.8cm



Internal Gear Profile
Dimension: 1m



Curved profile
Dimension: 1m

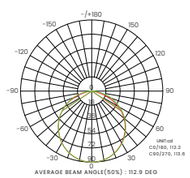


Curved profile
Dimension: 1m

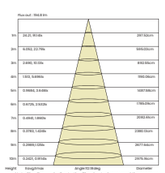
PIXEL T1212



- SPI-controlled digital LED neon with WS2811 IC, easy to set up and cost-effective, ideal for small indoor projects.
- Supports color-changing effects, gradients, chases, pulsating patterns, and animations.
- Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays.
- 3-5 years warranty, working life ≥ 50000 hours.

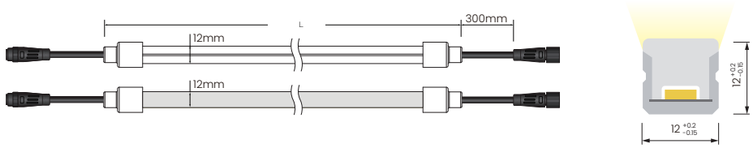


Light Distribution Curve
(24V, 12.5W, RGB)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NP-T1212
Working Voltage	DC24V
Rated Power(w/m)	12.5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

SPI
Digital

RGB Pixel SPI

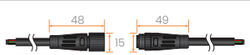
Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	60	4.8	12.5
	G	194	4.8	40.4
	B	33	4.8	6.9
	RGB	266	12.5	21.3

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

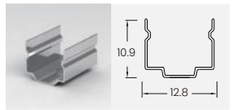

Side Cable Entry


Bottom Cable Entry

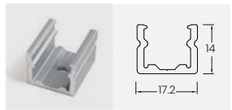

Closed End Cap

Accessory

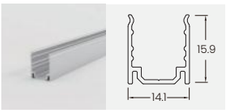
Accessories



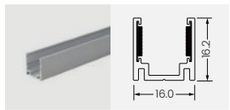
Mounting Clips
Dimension: 2cm



Aluminium Mounting clips : 1714
Dimension: 2cm



Aluminium Profile : 1416
Dimension: 1m

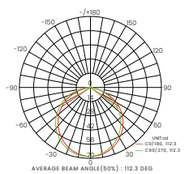


Internal Gear Profile
Dimension: 1m

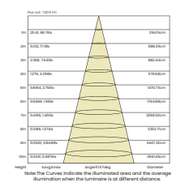
PIXEL T1615



- SPI-controlled digital LED neon with WS2818 IC, easy to set up and cost-effective, ideal for small indoor projects.
- Supports color-changing effects, gradients, chases, pulsating patterns, and animations.
- Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays.
- 3-5 years warranty, working life ≥ 50000 hours.

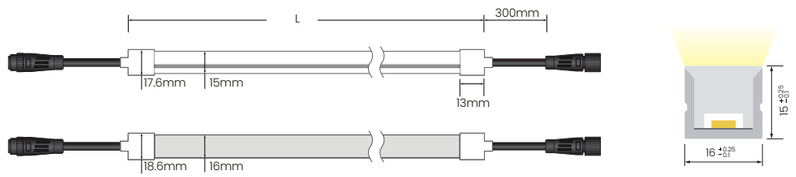


Light Distribution Curve
(24V, 12W, RGB)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NP-T1615
Working Voltage	DC24V
Rated Power(w/m)	12w/14.5w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

SPI Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2818
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	48	5	9.6
	G	184	5	36.8
	B	32	5	6.4
	RGB	262	12	21.8

SPI Digital

RGBW Pixel SPI

Voltage	DC24V
IC Model	UCS2904
Power(w/m)	14.5w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	42	4.8	8.8
	G	117	4.8	24.4
	B	36	4.8	7.5
	4000K	162	4.8	33.8
	RGBW	342	14.5	23.6

DMX 512 Digital

DMX RGB

Voltage	DC24V
IC Model	UCS512CL
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	51	4.8	10.6
	G	191	4.8	39.8
	B	32	4.8	6.7
	RGB	266	12	22.2

DMX 512 Digital

DMX RGBW

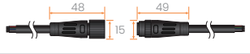
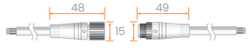
Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	44	4.8	9.2
	G	119	4.8	24.8
	B	34	4.8	7.1
≥80	4000K +400 -200	153	4.8	31.9
	RGBW	329	15	21.9

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	●●●	SPI: Red V+, Green DI/DO, Black V-
		OD: 5.5mm	●●●●	Breakpoint Transmission: Red V+, Green BI/BO, Blue DI/DO, Black V-
		OD: 5.5mm	●●●○●	DMX512: Red V+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-
Silicone Cable		OD: 6.0mm	●●●	SPI: Red V+, Green DI/DO, Black V-
		OD: 6.0mm	●●●●	Breakpoint Transmission: Red V+, Green BI/BO, Blue DI/DO, Black V-
		OD: 6.4mm	●●●○●	DMX512: Red V+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-

Cable Lead

Cable Lead Option

Integral End Cap : Hydraulic pressing (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

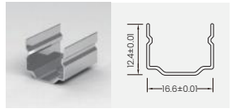

Side Cable Entry


Bottom Cable Entry

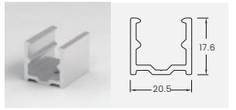

Closed End Cap

Accessory

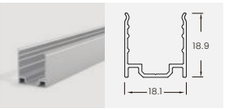
Accessories



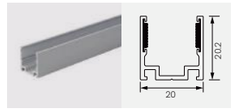
Mounting Clips
Dimension: 2cm



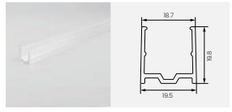
Aluminum Mounting Clips
Dimension: 2cm



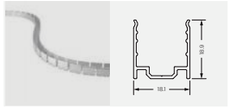
Aluminum Profile
Dimension: 1m



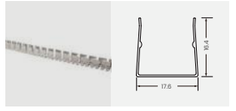
Internal Gear Profile
Dimension: 1m



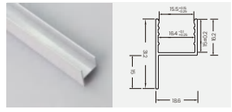
PC Profile
Dimension: 1m

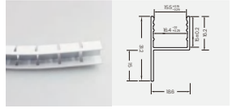


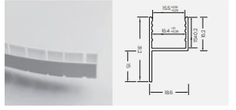
Curved profile
Dimension: 1m

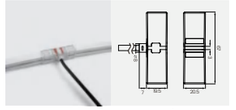


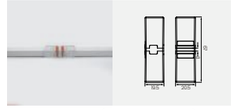
Curved profile
Dimension: 1m


Wing-designed
Mounting Channel (Straight)
Dimension: 1m


Wing-designed
Mounting Channel (Vertical)
Dimension: 1m


Wing-designed
Mounting Channel (Horizontal)
Dimension: 1m

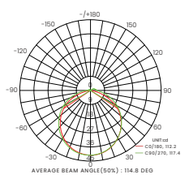

IP67 Connector (Cable Entry)


IP67 Connector (No Cable Entry)

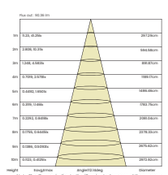
PIXEL S0612



- SPI-controlled digital LED neon with WS2811 IC, easy to set up and cost-effective, ideal for small indoor projects.
- Supports color-changing effects, gradients, chases, pulsating patterns, and animations.
- Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays.
- 3-5 years warranty, working life ≥ 50000 hours.



Light Distribution Curve
(24V, 12.5W, RGB)



Effective Average Illuminance

SPI
Digital

RGB Pixel SPI

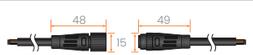
Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

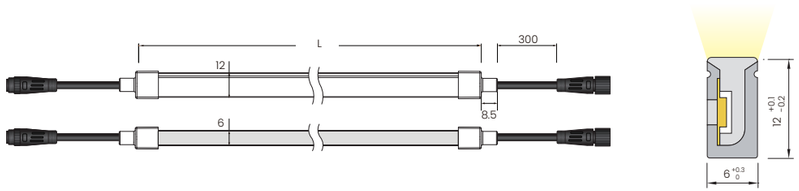
CRI	CCT	lm/m	w/m	lm/w
--	R	42	4.8	8.8
	G	122	4.8	25.4
	B	22	4.8	4.6
	RGB	162	12.5	13.0

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 4.0mm		SPI: Red V+, Green DI/DO, Black V-

Dimensions(Unit: mm)



Basic Parameters

Model No.	NP-S0612
Working Voltage	DC24V
Rated Power(w/m)	12.5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Cable Lead

Cable Lead Option

Integral End Cap : Hydraulic pressing (IP67)


Front Cable Entry


Side Cable Entry

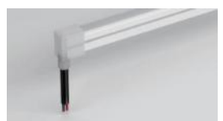

Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

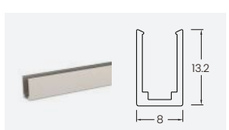

Side Cable Entry


Bottom Cable Entry

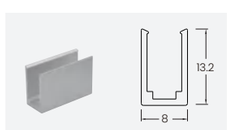

Closed End Cap

Accessory

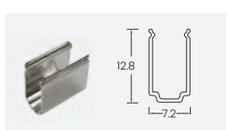
Accessories



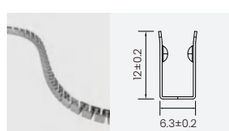
Aluminium profile
Dimension: 1m



Aluminium mounting clips
Dimension: 2cm



Stainless steel mounting clips
Dimension: 1.5cm

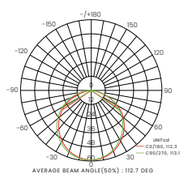


Curved profile
Dimension: 1m

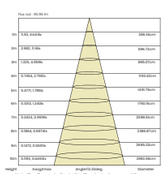
PIXEL S1220



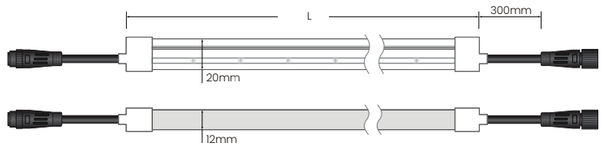
- DMX512-controlled digital LED neon with stable signal and long transmission range, ideal for large outdoor projects.
- Supports color-changing effects, gradients, chases, pulsating patterns, and animations.
- Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays.
- 3-5 years warranty, working life ≥ 50000 hours.

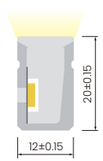


Light Distribution Curve
(24V, 12W, RGB)


Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NP-S1220
Working Voltage	DC24V
Rated Power(w/m)	12w/14.5w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2818
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	28	5	5.6
	G	110	5	22.1
	B	20	5	4.0
	RGB	159	12	13.2

RGBW Pixel SPI

Voltage	DC24V
IC Model	UCS2904
Power(w/m)	14.5w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	29	4.8	6.0
	G	78	4.8	16.3
	B	23	4.8	4.8
	4000K	96	4.8	20.0
	RGBW	218	14.5	15.0

DMX RGB

Voltage	DC24V
IC Model	UCS512CL
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	30	4.8	6.3
	G	115	4.8	24.0
	B	20	4.8	4.2
	RGB	161	12	13.4

DMX RGBW

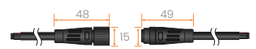
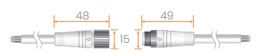
Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	28	4.8	5.8
	G	80	4.8	16.7
	B	16	4.8	3.3
≥80	4000K $^{+400}_{-200}$	96	4.8	20.0
	RGBW	211	15	14.1

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm	●●●	SPI: Red V+, Green DI/DO, Black V-
		OD: 5.5mm	●●●●	Breakpoint Transmission: Red V+, Green BI/BO, Blue DI/DO, Black V-
		OD: 5.5mm	●●●○●	DMX512: Red V+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-
Silicone Cable		OD: 6.0mm	●●●	SPI: Red V+, Green DI/DO, Black V-
		OD: 6.0mm	●●●●	Breakpoint Transmission: Red V+, Green BI/BO, Blue DI/DO, Black V-
		OD: 6.4mm	●●●○●	DMX512: Red V+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-

Cable Lead Option

Integral End Cap : Hot pressing (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry

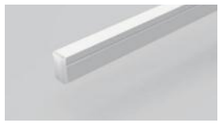

Closed End Cap

Integral End Cap : Hydraulic pressing (IP67)

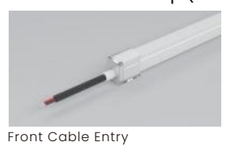

Front Cable Entry

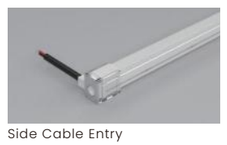

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws (IP67)

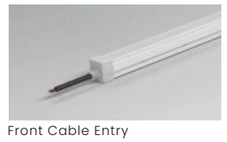

Front Cable Entry

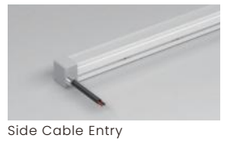

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

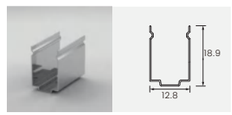

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Accessory

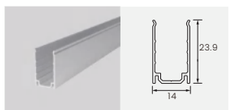
Accessories



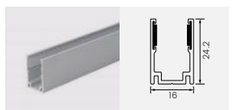
Mounting Clips
Dimension: 2cm



Aluminum Mounting Clips
Dimension: 2cm



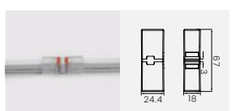
Aluminum Profile
Dimension: 1m



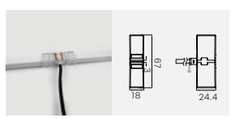
Internal Gear Profile
Dimension: 1m



Curved profile
Dimension: 1m



IP67 Connector (No Cable Entry)

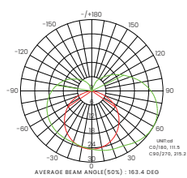


IP67 Connector(Cable Entry)

PIXEL S0817



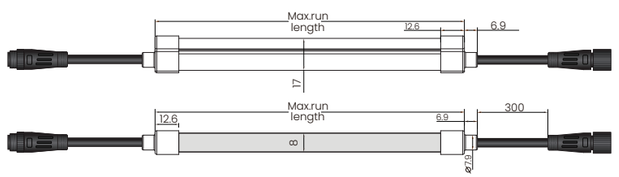
- SPI-controlled digital LED neon with WS2811 IC and an arched, wide-angle design, easy to set up and cost-effective, ideal for small indoor projects.
- Supports color-changing effects, gradients, chases, pulsating patterns, and animations.
- Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays.
- 3-5 years warranty, working life ≥ 50000 hours.

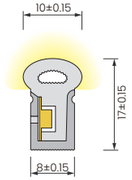


Light Distribution Curve
(24V, 12.5W, RGB)


Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NP-S0817
Working Voltage	DC24V
Rated Power(w/m)	12.5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

RGB Pixel SPI

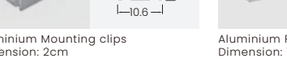
Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	36	4.8	7.5
	G	114	4.8	23.8
	B	19	4.8	4.0
	RGB	152	12.5	12.2

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-

Cable Lead Option

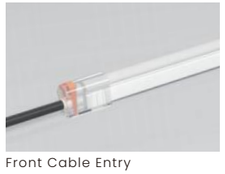
Silicone End Cap (IP67)


Front Cable Entry


Side Cable Entry

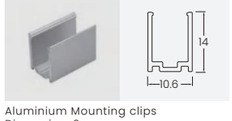

Closed End Cap

Solder Free End Cap without screws (IP67)

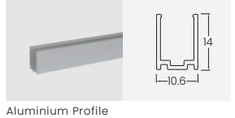

Front Cable Entry


Closed End Cap

Accessories



Aluminium Mounting clips
Dimension: 2cm

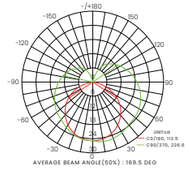


Aluminium Profile
Dimension: 1m

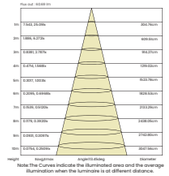
PIXEL S1225



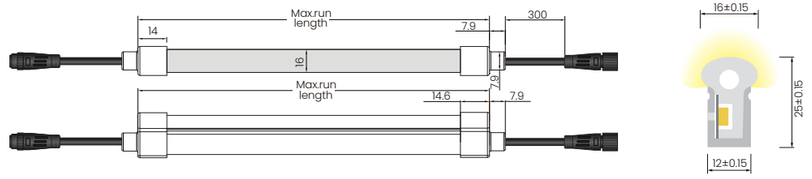
- DMX512-controlled digital LED neon with an arched, wide-angle design, offering stable signal and long transmission range—perfect for large outdoor projects.
- Supports color-changing effects, gradients, chases, pulsating patterns, and animations.
- Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays.
- 3-5 years warranty, working life ≥ 50000 hours.



Light Distribution Curve
(24V, 12W, RGB)


Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NP-S1225
Working Voltage	DC24V
Rated Power(w/m)	12w/14.5w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2818
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	25	5	5.0
	G	102	5	20.4
	B	19	5	3.8
	RGB	145	12	12.1

RGBW Pixel SPI

Voltage	DC24V
IC Model	UCS2904
Power(w/m)	14.5w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	24	4.8	5.0
	G	72	4.8	15.0
	B	22	4.8	4.6
	4000K	87	4.8	18.1
	RGBW	200	14.5	13.8

DMX RGB

Voltage	DC24V
IC Model	UCS512CL
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	27	4.8	5.6
	G	107	4.8	22.3
	B	19	4.8	4.0
	RGB	148	12	12.3

DMX RGBW

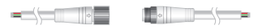
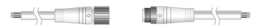
Voltage	DC24V
IC Model	UCS512CL
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	26	4.8	5.4
	G	74	4.8	15.4
	B	23	4.8	4.8
	4000K	90	4.8	18.8
	RGBW	208	15	13.9

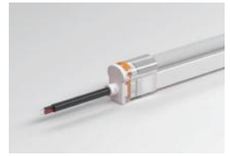
Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-
		OD: 5.5mm		Breakpoint Transmission: Red V+, Green BI/BO, Blue DI/DO, Black V-
		OD: 5.5mm		DMX512: Red V+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-
Silicone Cable		OD: 6.0mm		SPI: Red V+, Green DI/DO, Black V-
		OD: 6.0mm		Breakpoint Transmission: Red V+, Green BI/BO, Blue DI/DO, Black V-
		OD: 6.4mm		DMX512: Red V+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-

Cable Lead Option

Solder Free End Cap without screws (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

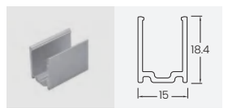

Closed End Cap

Integral End Cap (IP67)

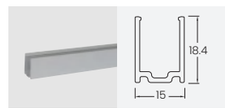

Bottom Cable Entry


Closed End cap

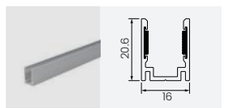
Accessories



Aluminium Mounting clips
Dimension: 2cm

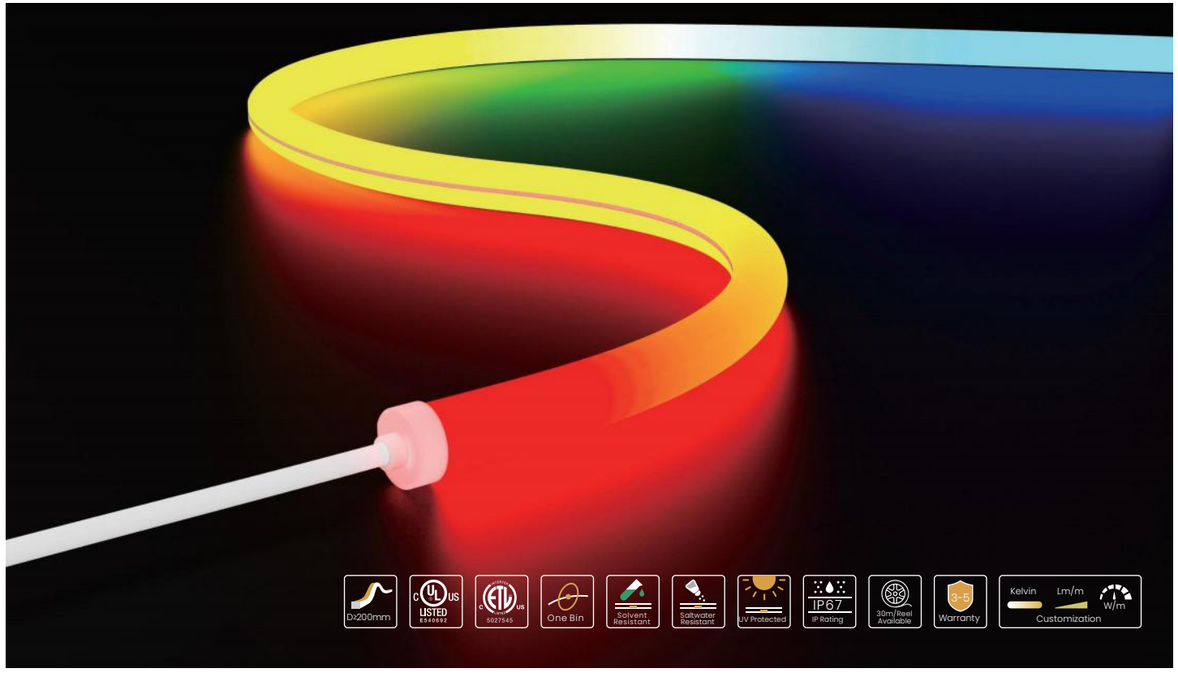


Aluminium Profile
Dimension: 1m

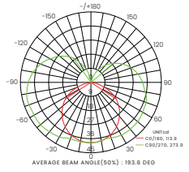


Internal Gear Profile
Dimension: 1m

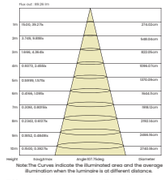
PIXEL R16



- SPI-controlled digital LED neon with WS2811 IC, 16mm diameter near-round design, offering almost 360-degree illumination.
- Easy to set up and cost-effective, ideal for small indoor projects.
- Supports color-changing effects, gradients, chases, pulsating patterns, and animations.
- Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays.
- 3-5 years warranty, working life ≥ 50000 hours.

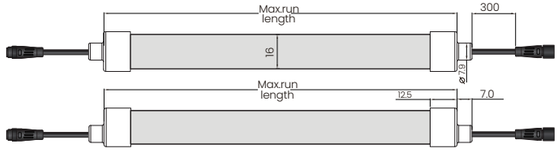


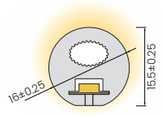
Light Distribution Curve
(24V, 12.5W, RGB)



Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NP-R16
Working Voltage	DC24V
Rated Power(w/m)	12.5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

SPI Digital

RGB Pixel SPI

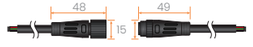
Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	69	4.8	14.4
	G	219	4.8	45.6
	B	41	4.8	8.5
	RGB	294	12.5	23.5

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-

Cable Lead

End Cap & Cable Lead Option

Silicone End Cap (IP67)



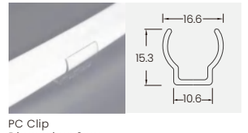
Front Cable Entry



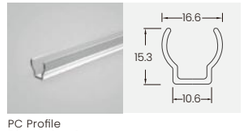
Closed End Cap

Accessory

Accessories



PC Clip
Dimension: 2cm

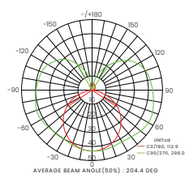


PC Profile
Dimension: 1m

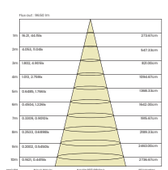
PIXEL R25



- SPI-controlled digital LED neon with WS2811 IC, 25mm diameter, 360° uniform lighting, easy to set up and cost-effective, ideal for small indoor projects.
- Supports color-changing effects, gradients, chases, pulsating patterns, and animations.
- Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays.
- 3-5 years warranty, working life ≥ 50000 hours.

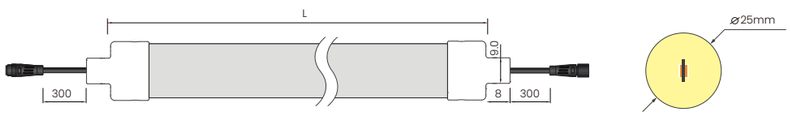


Light Distribution Curve
(24V, 25W, RGB)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NP-R25
Working Voltage	DC24V
Rated Power(w/m)	25w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	25w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	112	9.6	11.7
	G	350	9.6	36.5
	B	54	9.6	5.6
	RGB	474	25	19.0

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-
Silicone Cable		OD: 6.0mm		SPI: Red V+, Green DI/DO, Black V-

End Cap & Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Closed End cap

Silicone End Cap (IP65)



Front Cable Entry



Closed End cap

Metal End Cap(IP65) The metal guard coil is unavailable if fitted the metal end cap



Front Cable Entry



Closed End cap

Accessory

Accessories


PC Clips


PC Profile


Mounting Base


Hanging Base


Hanging clips


Mounting clips


Adjustable Hanging


Endcap


Closed Endcap


Endcap

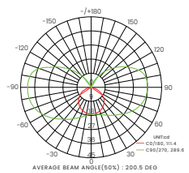

Closed Endcap


PC Connector

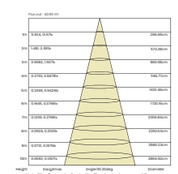
PIXEL DUAL S1612



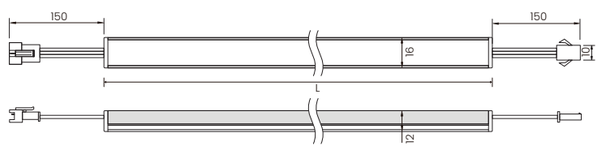
- SPI-controlled digital LED neon with WS2811 IC and a unique two-sided luminous structure.
- Easy to set up and cost-effective, ideal for small indoor projects.
- Supports color-changing effects, gradients, chases, pulsating patterns, and animations.
- Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays.
- 3-5 years warranty, working life ≥ 50000 hours.

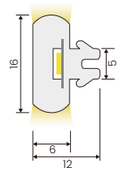


Light Distribution Curve
(24V, 12.5W, RGB)


Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NP-DUAL-S1612
Working Voltage	DC24V
Rated Power(w/m)	12.5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

SPI
Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	64	4.8	*13.3*
	G	199	4.8	*41.5*
	B	34	4.8	*7.1*
	RGB	273	12.5	*21.8*

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	150mm 150mm	OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-

Cable Lead

End Cap & Cable Lead Option

Integral End Cap



Front Cable Entry

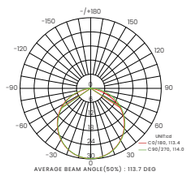


Closed End Cap

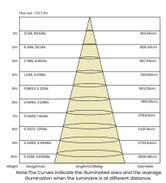
PIXEL RECE T1212



- SPI-controlled digital LED neon with WS2811 IC, featuring a winged design for recessed installation with no profiles needed, creating a clean, integrated finish for indoor projects.
- Supports color-changing effects, gradients, chases, pulses, and animations.
- Compatible with Madrix, Resolume, and Chromateq for easy programming and synchronization.
- 3-5 years warranty, working life ≥ 50000 hours.

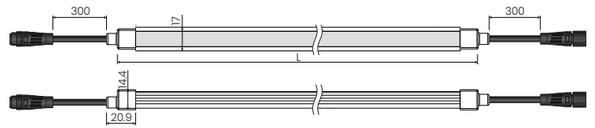


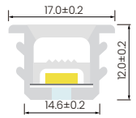
Light Distribution Curve
(24V, 12.5W, RGB)



Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NP-RECE-T1212
Working Voltage	DC24V
Rated Power(w/m)	12.5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

SPI
Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	62	4.8	13.0
	G	188	4.8	39.2
	B	34	4.8	7.1
	RGB	277	12.5	22.2

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-

Cable Lead

Cable Lead Option

Integral End Cap



Front Cable Entry

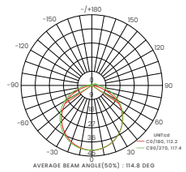


Closed End Cap

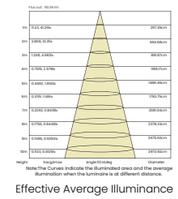
PIXEL RECE S0612



- SPI-controlled digital LED neon with WS2811 IC, featuring a unique winged design and slim 6 mm luminous surface for recessed installation in indoor outlines and furniture, with no profiles needed.
- Supports color-changing effects, gradients, chases, pulses, and animations.
- Compatible with Madrix, Resolume, and Chromateq for easy programming and synchronization.
- 3-5 years warranty, working life ≥ 50000 hours.

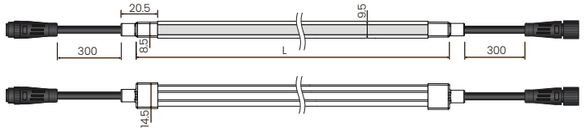


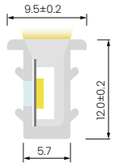
Light Distribution Curve
(24V, 12.5W, RGB)



Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NP-RECE-S0612
Working Voltage	DC24V
Rated Power(w/m)	12.5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

SPI
Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	16	4.8	3.4
	G	45	4.8	9.3
	B	8	4.8	1.7
	RGB	94	12.5	7.5

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

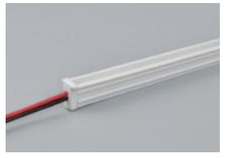
Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 4.0mm		SPI: Red V+, Green DI/DO, Black V-

Cable Lead

Cable Lead Option

Integral End Cap : Hot pressing



Front Cable Entry



Closed End Cap

Integral End Cap : Hydraulic pressing



Front Cable Entry

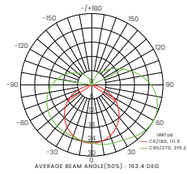


Closed End Cap

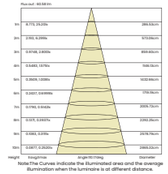
PIXEL RECE S0817



- SPI-controlled digital LED neon with WS2811 IC, featuring a winged, arched design for recessed installation with no profiles needed and a curved luminous surface for a wide beam angle.
- Supports color-changing effects, gradients, chases, pulses, and animations.
- Compatible with Madrix, Resolume, and Chromateq for easy programming and synchronization.
- 3-5 years warranty, working life ≥ 50000 hours.

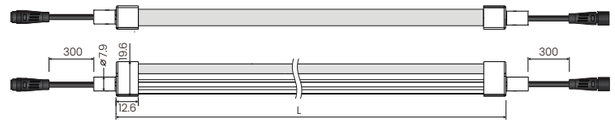


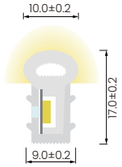
Light Distribution Curve
(24V, 12.5W, RGB)



Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NP-RECE-S0817
Working Voltage	DC24V
Rated Power(w/m)	12.5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

SPI
Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	40	4.8	8.3
	G	121	4.8	25.1
	B	21	4.8	4.4
	RGB	177	12.5	14.2

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-

Cable Lead

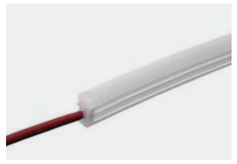
Cable Lead Option

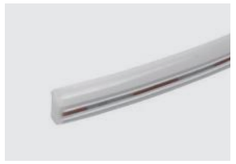
Integral End Cap : Hot pressing


Front Cable Entry


Closed End Cap

Integral End Cap : Hydraulic pressing

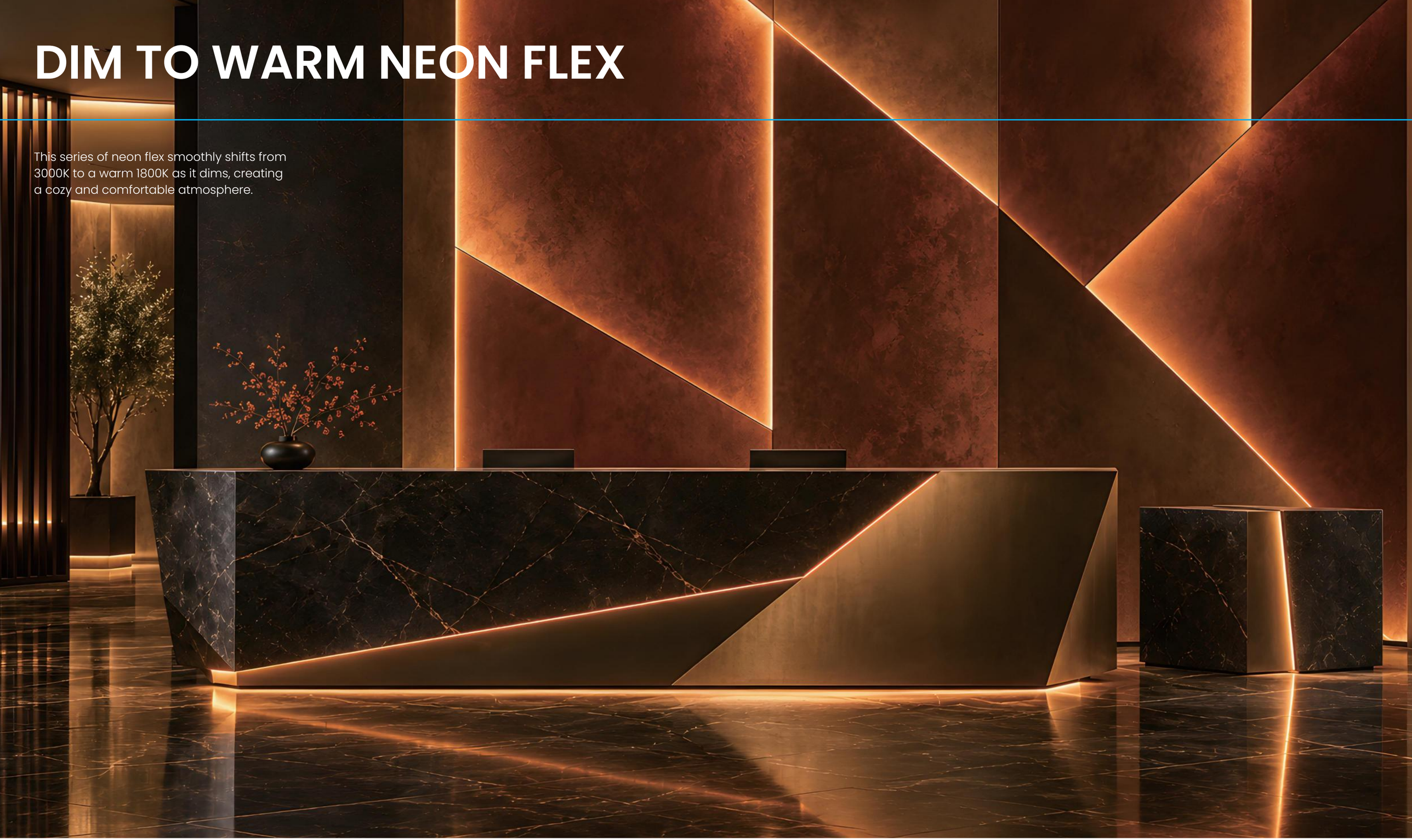

Front Cable Entry


Closed End Cap



DIM TO WARM NEON FLEX

This series of neon flex smoothly shifts from 3000K to a warm 1800K as it dims, creating a cozy and comfortable atmosphere.

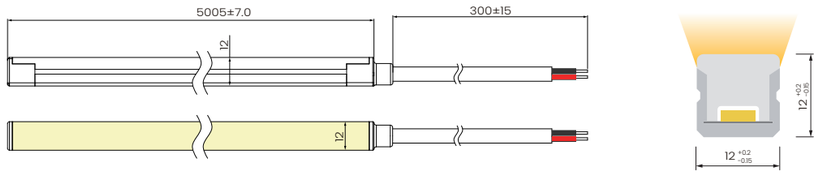


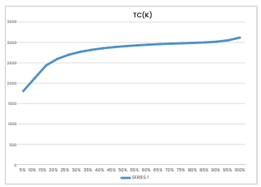
DIM TO WARM T1212

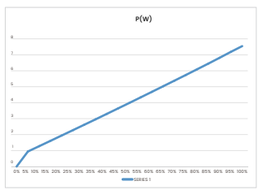


- Dim-to-Warm LED neon shifts smoothly from 3000K to 1800K as it dims, creating a warm, relaxing ambience.
- Compact top-bend design creates smooth curves and integrates cleanly into architectural details.
- 3-5 years warranty, working life ≥50000 hours.

Dimensions(Unit: mm)







Basic Parameters

Model No.	NS-T1212
Working Voltage	DC24V
Rated Power(w/m)	7.5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	7.5w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	7.5w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	Dimming	lm/m	w/m	lm/w
≥90	1800K±100	5%	14	0.9	15.1
	3000K±150	100%	403	7.5	53.8

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone Free End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry

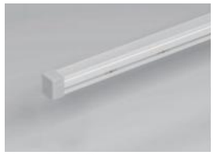

Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

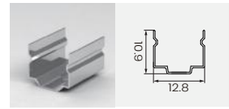

Side Cable Entry


Bottom Cable Entry

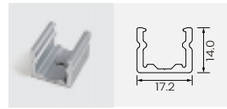

Closed End Cap

Accessory

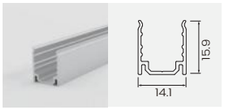
Accessories



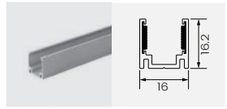
Mounting Clips
Dimension: 2cm



Aluminium Mounting clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m



Internal Gear Profile
Dimension: 1m


PVC Cable
2PIN


Silicone Cable
2PIN


IP67 Connector
Wire Gauge:
20AWG


IP67 Connector
Wire Gauge:
20AWG

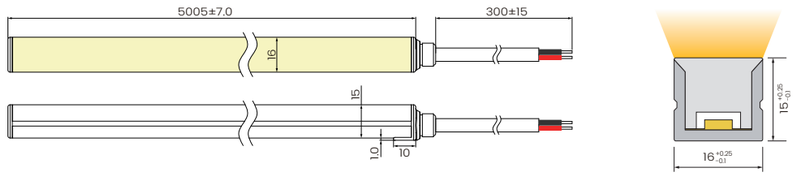

Anti-rain connector

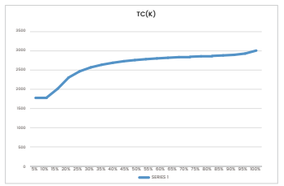
DIM TO WARM T1615

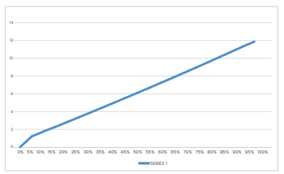


- Dim-to-Warm LED neon shifts smoothly from 3000K to 1800K as it dims, creating a warm, relaxing ambience.
- Top-bend design with a broad luminous surface creates clean, continuous architectural lighting.
- 3-5 years warranty, working life ≥50000 hours.

Dimensions(Unit: mm)







Basic Parameters

Model No.	NH-T1615
Working Voltage	DC24V
Rated Power(w/m)	12w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

Output	Std Output
Power(w/m)	12W
Max. Ambient tempt.(Tamax)	45℃

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	Dimming	lm/m	w/m	lm/w
≥90	1800K±100	5%	27	1.1	22.8
	3000K±150	100%	708	12	59

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws (IP67)


Front Cable Entry

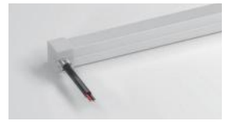

Side Cable Entry


Bottom Cable Entry

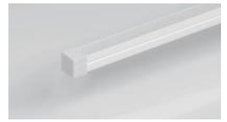

Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

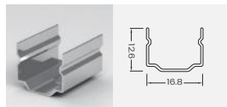

Side Cable Entry


Bottom Cable Entry

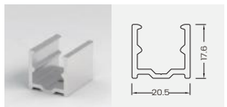

Closed End Cap

Accessory

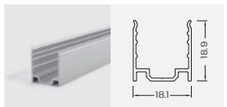
Accessories



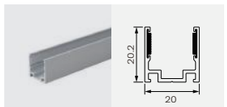
Mounting Clips
Dimension: 2cm



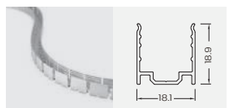
Aluminium Mounting clips
Dimension: 2cm



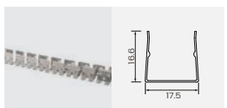
Aluminium Profile
Dimension: lm



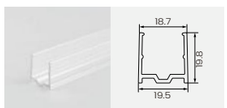
Internal Gear Profile:
Dimension: lm



Curved profile
Dimension: lm



Curved profile
Dimension: lm



PC Profile
Dimension: lm


PVC Cable
2PIN


Silicone Cable
2PIN


IP67 Connector
Wire Gauge:
20AWG

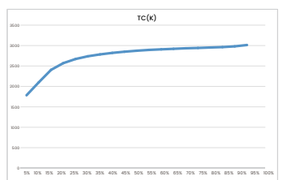

IP67 Connector
Wire Gauge:
20AWG

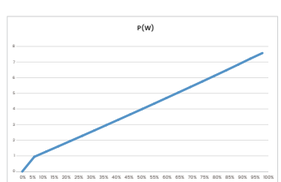

Anti-rain connector

DIM TO WARM S0612

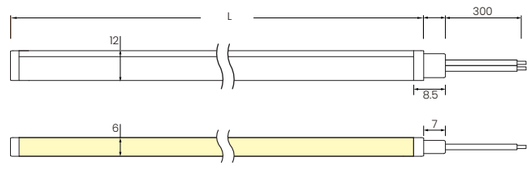


- Dim-to-Warm LED neon shifts smoothly from 3000K to 1800K as it dims, creating a warm, relaxing ambience.
- Ultra-slim side-bend design handles tight curves and fits discreetly into compact spaces.
- 3-5 years warranty, working life ≥50000 hours.





Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-S0612
Working Voltage	DC24V
Rated Power(w/m)	7.5w
Storage Temperature	-25ºC~60ºC
Ambient Temperature	Tamin=-25ºC, Tamax (Table below)

Output	Low Output
Power(w/m)	7.5w
Max. Ambient tempt.(Tamax)	45ºC

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	7.5w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	Dimming	lm/m	w/m	lm/w
≥90	1800K±100	5%	8	0.9	8.6
	3000K±150	100%	234	7.5	31.2

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap : Hydraulic pressing (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)

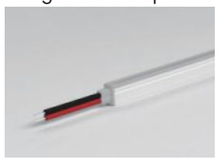

Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

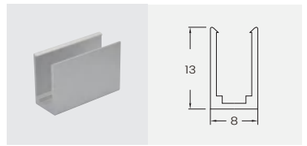
Integral End Cap : Hot pressing (IP44)


Front Cable Entry

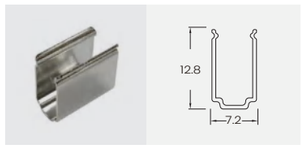

Closed End Cap

Accessory

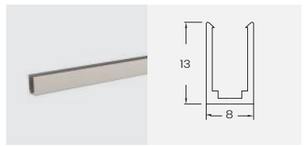
Accessories



Aluminium mounting clips
Dimension: 1.5cm



Stainless steel mounting clips
Dimension: 1.5cm



Aluminium profile
Dimension: 1m

Integrated endcap Usage 2PIN


PVC Cable 2PIN


Silicone Cable 2PIN


IP67 Connector Wire Gauge: 20AWG

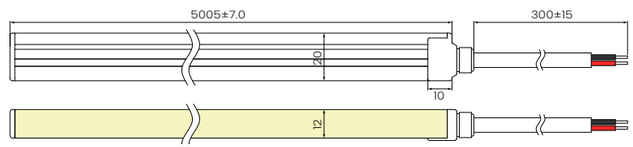

Anti-rain connector

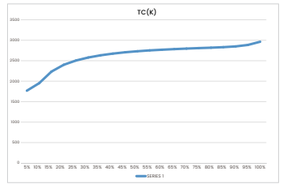
DIM TO WARM S1220

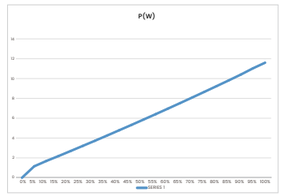


- Dim-to-Warm LED neon shifts smoothly from 3000K to 1800K as it dims, creating a warm, relaxing ambience.
- Side-bend design creates smooth, continuous lighting along horizontal curves and architectural outlines.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)







Basic Parameters

Model No.	NS-S1220
Working Voltage	DC24V
Rated Power(w/m)	12w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	12W
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	Dimming	lm/m	w/m	lm/w
≥90	1800K±100	5%	14	1.1	12.3
	3000K±150	100%	347	12	28.9

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)

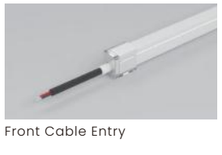

Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

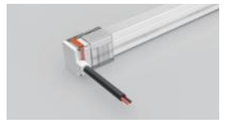

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)

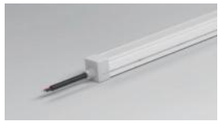

Front Cable Entry

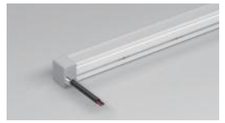

Side Cable Entry

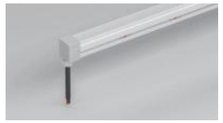

Bottom Cable Entry

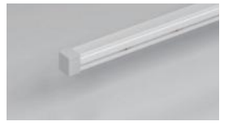

Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

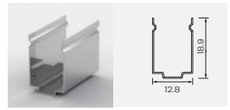

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Accessory

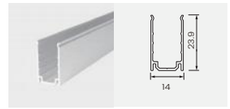
Accessories



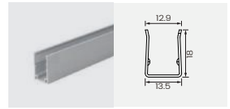
Aluminium mounting clips
Dimension: 1.5cm



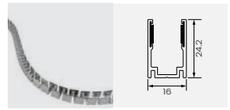
Stainless steel mounting clips
Dimension: 1.5cm



Aluminium profile
Dimension: 1m



Aluminium mounting clips
Dimension: 1.5cm



Stainless steel mounting clips
Dimension: 1.5cm

Integrated endcap Usage 2PIN


PVC Cable 2PIN


Silicone Cable 2PIN


IP67 Connector Wire Gauge: 20AWG

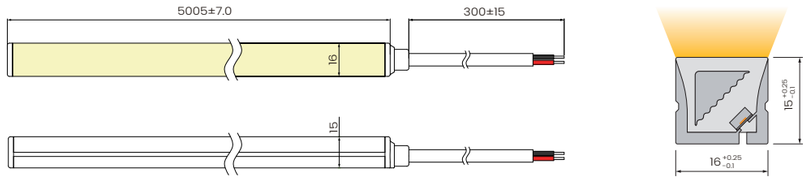

Anti-rain connector

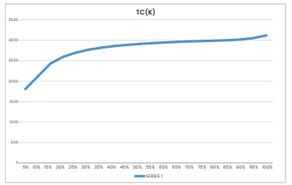
DIM TO WARM 3D1615

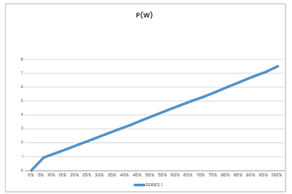


- Dim-to-Warm LED neon shifts smoothly from 3000K to 1800K as it dims, creating a warm, relaxing ambience.
- Flexible 3D design supports both top and side bending for complex curves and creative installations.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)







Basic Parameters

Model No.	NS-3D1615
Working Voltage	DC24V
Rated Power(w/m)	7.5w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	7.5w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	7.5w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

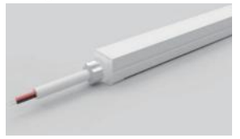
CRI	CCT	Dimming	lm/m	w/m	lm/w
≥90	1800K±100	5%	13	0.9	14.5
	3000K±200	100%	396	7.5	52.8

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

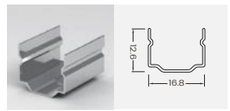

Side Cable Entry


Bottom Cable Entry

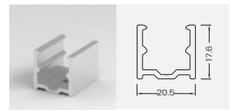

Closed End Cap

Accessory

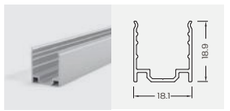
Accessories



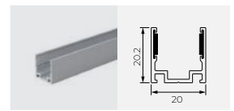
Mounting Clips
Dimension: 2cm



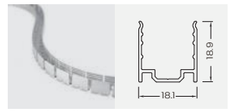
Aluminium Mounting clips
Dimension: 2cm



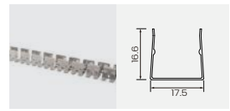
Aluminium Profile
Dimension: 1m



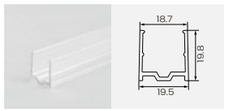
Internal Gear Profile:
Dimension: 1m



Curved profile
Dimension: 1m



Curved profile
Dimension: 1m



PC Profile
Dimension: 1m


PVC Cable
2PIN


Silicone Cable
2PIN


IP67 Connector
Wire Gauge:
20AWG


IP67 Connector
Wire Gauge:
20AWG


Anti-rain connector

HIGH EFFICIENCY NEON

This Neon Flex series features high-efficiency LEDs and a specialized optical structure for maximum light output. Delivering over 100 lm/W at CRI 80 and 80 lm/W at CRI 90, it's ideal for airports, transportation hubs, public buildings, and other large-scale projects where energy savings and uniform illumination are essential.

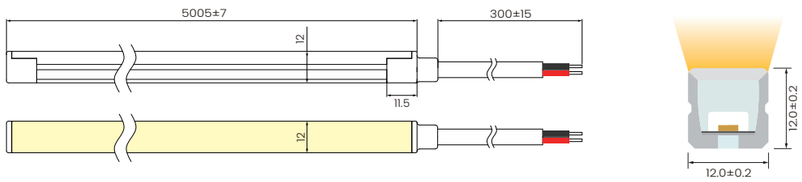


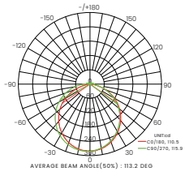
HIGH EFFICIENCY T1212



- High-efficiency light sources with a unique high-transmittance optical design.
- Made from Dow SILASTICTM silicone with high light transmission and an integrated extrusion molding process,featuring IP67 protection.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NH-T1212
Working Voltage	DC24V
Rated Power(w/m)	5w/10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output
Power(w/m)	5w	10W
Max. Ambient tempt.(Tamax)	55°C	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	5w/10w
Max. Run Length	14m/8m
Cutting Length	50mm

Parameters

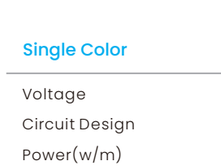
CRI	CCT	lm/m	w/m	lm/w
≥90	1800±150	680	10	68.0
	2100±150	720	10	72.0
	2400±150	760	10	76.0
	2700±150	799	10	79.9
	3000±150	803	10	80.3
	3500±200	800	10	80.0
	4000 +400 −200	864	10	86.4
	5000 +500 −300	860	10	86.0
	6500±500	836	10	83.6

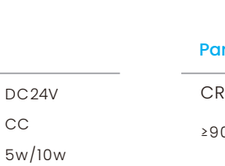
Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

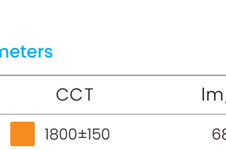
Cable Lead

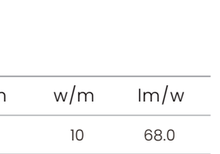
Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry

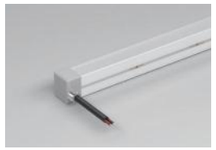

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP65)


Front Cable Entry

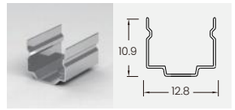

Side Cable Entry


Bottom Cable Entry

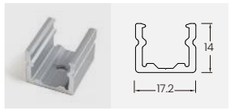

Closed End Cap

Accessory

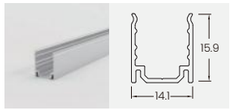
Accessories



Mounting Clips
Dimension: 2cm



Aluminium Mounting clips : 1714
Dimension: 2cm



Aluminium Profile : 1416
Dimension: 1m



PVC Cable
2PIN



Silicone Cable
2PIN



IP67 Connector
Wire Gauge:
20AWG



IP67 Connector
Wire Gauge:
20AWG

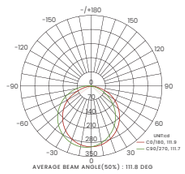


Anti-rain connector

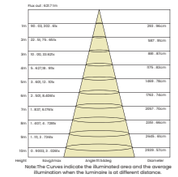
HIGH EFFICIENCY T1615 HOT



- Dow SILASTIC™ silicone, high transmission.
- 3-Step MacAdam finished CCT.
- IP67 integrated extrusion molding.
- 9-test proven resistance to acid, alkali, flame, and UV yellowing.
- Dust-resistant matte finish, soft uniform light.
- Run length >10m, production length up to 30m.
- 3-5 years warranty, working life ≥50000 hours.

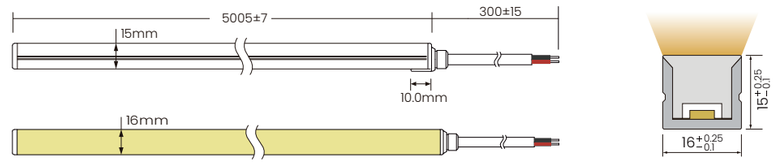


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NH-T1615
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	12m/18m/27m
Cutting Length	50mm

Parameters (CC)

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	483	10	48.3
	2100K±150	528	10	52.8
	2400K±150	565	10	56.5
	2700K	615	10	61.5
	3000K	653	10	65.3
	3500K	668	10	66.8
	4000K	691	10	69.1
	5000K	651	10	65.1
	6500K	685	10	68.5

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap : Hydraulic pressing (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone end cap (IP67)


Front Cable Entry

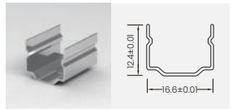

Side Cable Entry


Bottom Cable Entry

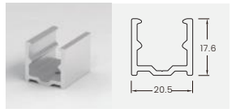

Closed End Cap

Accessory

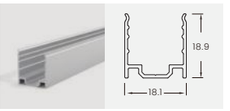
Accessories



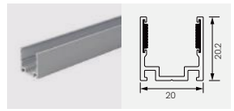
Mounting Clips
Dimension: 2cm



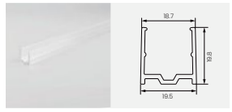
Aluminum Mounting Clips
Dimension: 2cm



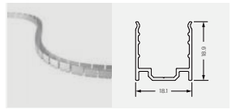
Aluminum Profile
Dimension: 1m



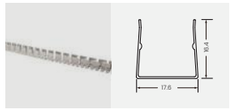
Internal Gear Profile
Dimension: 1m



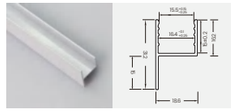
PC Profile
Dimension: 1m



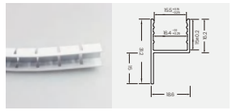
Curved profile
Dimension: 1m



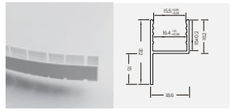
Curved profile
Dimension: 1m



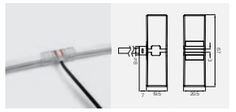
Wing-designed
Mounting Channel (Straight)
Dimension: 1m

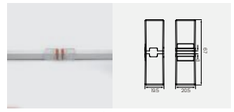


Wing-designed
Mounting Channel (Vertical)
Dimension: 1m



Wing-designed
Mounting Channel (Horizontal)
Dimension: 1m


IP67 Connector (Cable Entry)


IP67 Connector (No Cable Entry)


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG

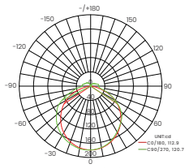

IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

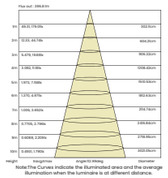
HIGH EFFICIENCY S1220 HOT



- Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection.
- Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

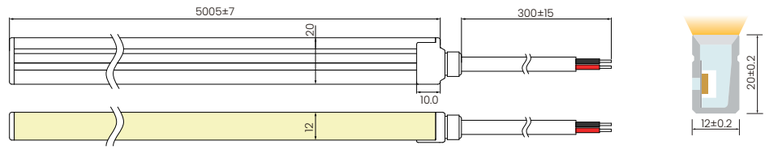


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NH-S1220
Working Voltage	DC24V
Rated Power(w/m)	5w/10w/15w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC/CV
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	27m/18m/12m
Cutting Length	50mm

Parameters (CC)

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	393	10	39.3
	2100K±150	447	10	44.7
	2400K±150	492	10	49.2
	2700K	512	10	51.2
	3000K	530	10	53.0
	3500K	500	10	50.0
	4000K	517	10	51.7
	5000K	527	10	52.7
	6500K	526	10	52.6

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap : Hot pressing (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry

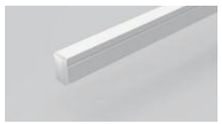

Closed End Cap

Integral End Cap : Hydraulic pressing (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Solder Free End Cap without screws (IP67)


Front Cable Entry

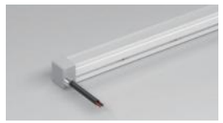

Side Cable Entry

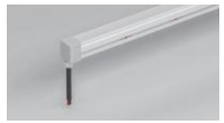

Bottom Cable Entry

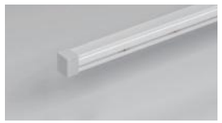

Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

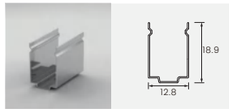

Side Cable Entry


Bottom Cable Entry


Closed End Cap

Accessory

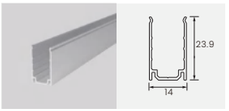
Accessories



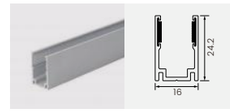
Mounting Clips
Dimension: 2cm



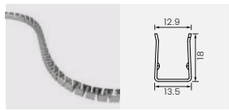
Aluminum Mounting Clips
Dimension: 2cm



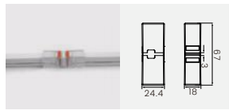
Aluminum Profile
Dimension: 1m



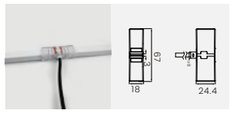
Internal Gear Profile
Dimension: 1m



Curved profile
Dimension: 1m



IP67 Connector (No Cable Entry)



IP67 Connector(Cable Entry)


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN

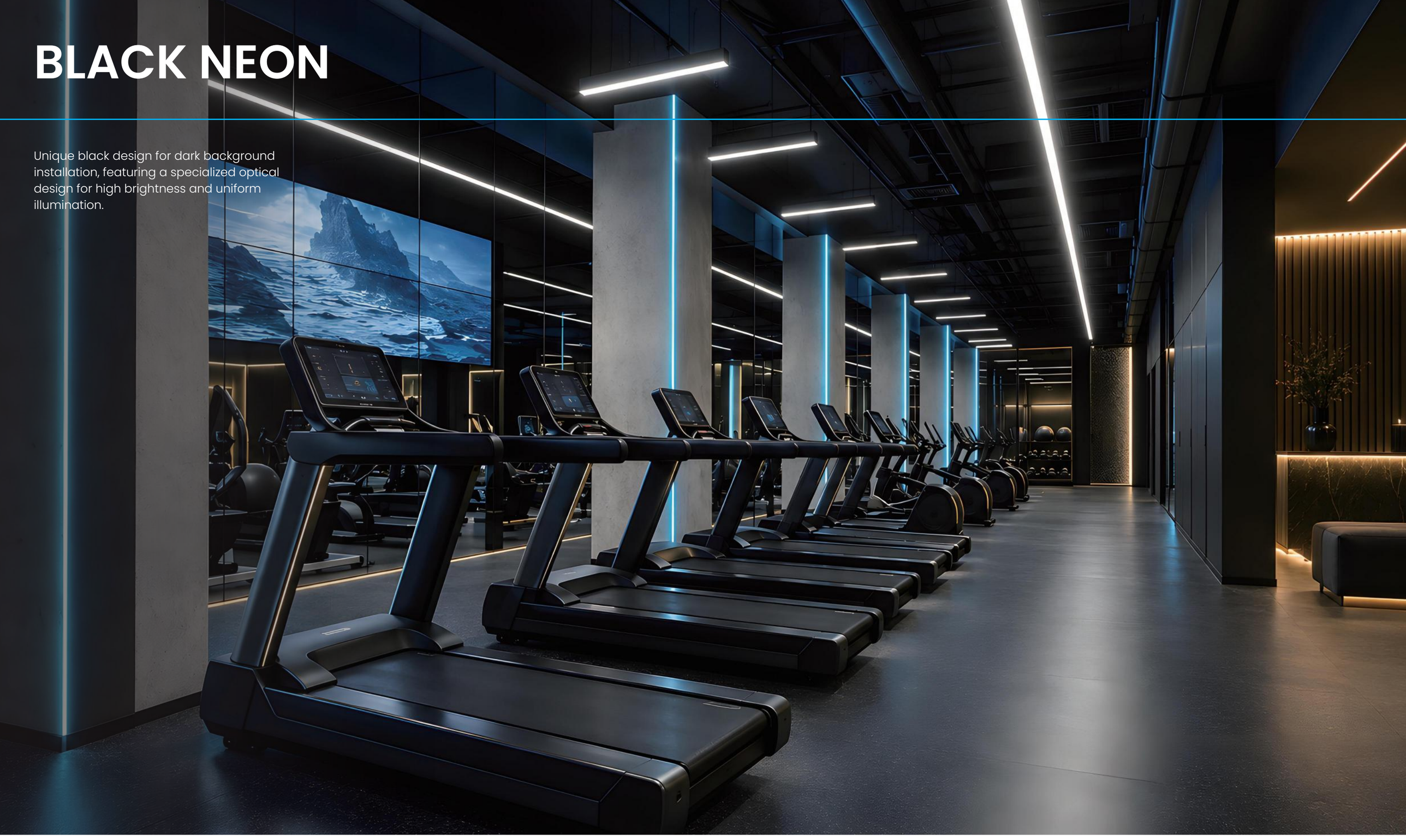

IP67 Connector
Wire Gauge:
20AWG-22AWG


IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

BLACK NEON

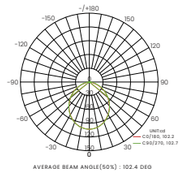
Unique black design for dark background installation, featuring a specialized optical design for high brightness and uniform illumination.



BLACK T1010



- Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination.
- Made from Dow SILASTIC™ silicone with an integrated extrusion molding process, IP67 protection.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.

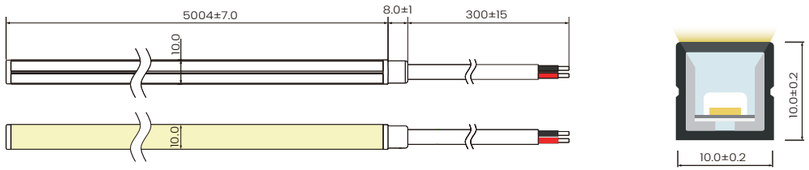


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NB-T1010
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	35.7mm

Parameters

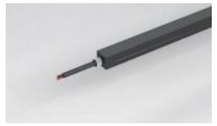
CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	170	10	17.0
	3000K±150	172	10	17.2
	3500K±200	180	10	18.0
	4000K $^{+400}_{-200}$	182	10	18.2
	5000K $^{+500}_{-300}$	181	10	18.1
	6500K±500	175	10	17.5
--	Red	77	10	7.7
	Green	182	10	18.2
	Blue	33	10	3.3
	Yellow	48	10	4.8
	Orange	71	10	7.1
	Pink	167	10	16.7

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)



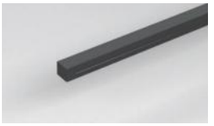
Front Cable Entry



Side Cable Entry



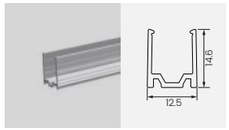
Bottom Cable Entry



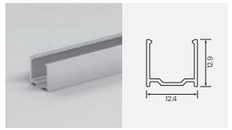
Closed End Cap

Accessory

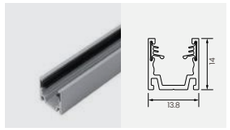
Accessories



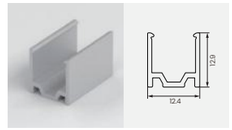
Transparent plastic groove
Dimension: 1m



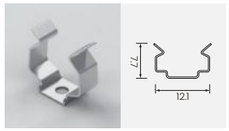
Aluminium Profile
Dimension: 1m



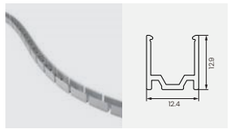
Internal Gear Profile
Dimension: 1m



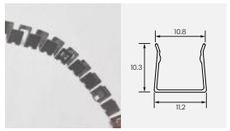
Aluminium Mounting clips
Dimension: 2cm



Stainless Steel Mounting clips
Dimension: 0.8cm



Curved profile
Dimension: 1m



Curved profile
Dimension: 1m

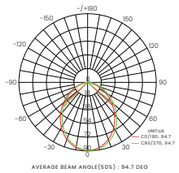

PVC Cable
2PIN


IP67 Connector
Wire Gauge:
20AWG

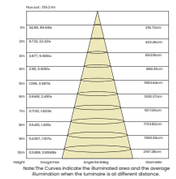
BLACK T1615



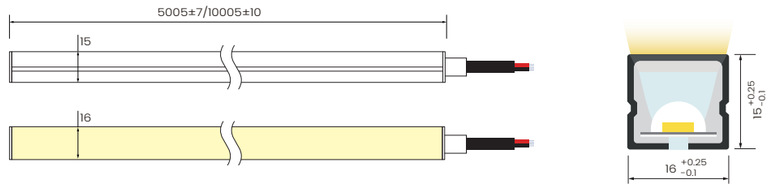
- Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination.
- Made from Dow SILASTIC™ silicone with an integrated extrusion molding process, IP67 protection.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.



Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NB-T1615
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC/CV
Power(w/m)	10w
Max. Run Length(CC)	17m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	152	10	15.2
	3000K±150	157	10	15.7
	3500K±200	161	10	16.1
	4000K $^{+400}_{-200}$	161	10	16.1
	5000K $^{+500}_{-300}$	155	10	15.5
	6500K±500	147	10	14.7
--	Red	73	10	7.3
	Green	149	10	14.9
	Blue	27	10	2.7
	Yellow	51	10	5.1
	Orange	64	10	6.4
	Pink	149	10	14.9

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	74	5	14.8
	6500K±500	78	5	15.6
	2700K+6500K	152	10	15.2

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	17	3.3	5.1
	G	51	3.3	15.6
	B	8	3.3	2.3
	RGB	75	10	7.5

RGBW

RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
	R	19	3.3	5.8
	G	62	3.3	18.8
	B	10	3.3	3.0
≥90	3000K±150	87	5	17.3
	RGBW	172	15	11.5

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)



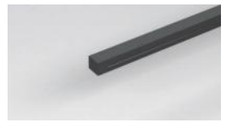
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Silicone End Cap (IP67)



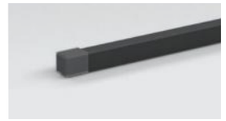
Front Cable Entry



Side Cable Entry



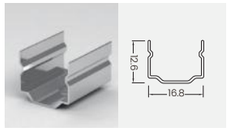
Bottom Cable Entry



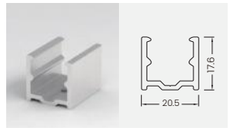
Closed End Cap

Accessory

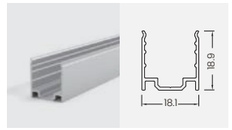
Accessories



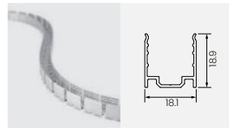
Mounting Clips
Dimension: 2cm



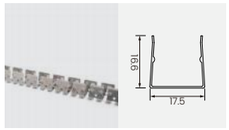
Aluminium Mounting clips
Dimension: 2cm



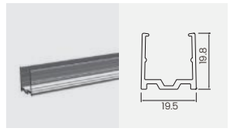
Aluminium Profile
Dimension: 1m



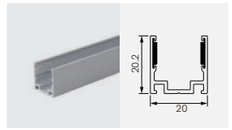
Curved profile
Dimension: 1m



Curved profile
Dimension: 1m



PC Profile
Dimension: 1m



Internal Gear Profile
Dimension: 1m



PVC Cable
2PIN, 3PIN, 4PIN, 5PIN

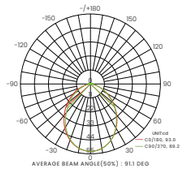


IP67 Connector
Wire Gauge:
20AWG-22AWG

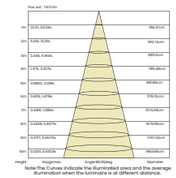
BLACK S1220



- Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination.
- Made from Dow SILASTIC™ silicone with an integrated extrusion molding process, IP67 protection.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.

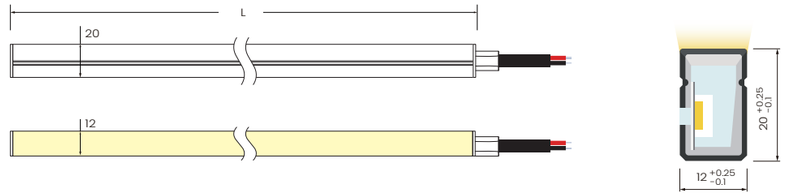


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NB-S1220
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25ºC~60ºC
Ambient Temperature	Tamin=-25ºC, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45ºC

Single color

Single Color

Voltage	DC24V
Circuit Design	CC/CV
Power(w/m)	10w
Max. Run Length(CC)	17m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	103	10	10.3
	3000K±150	109	10	10.9
	3500K±200	109	10	10.9
	4000K $^{+400}_{-200}$	107	10	10.7
	5000K $^{+500}_{-300}$	110	10	11.0
	6500K±500	99	10	9.9
--	Red	47	10	4.7
	Green	92	10	9.2
	Blue	15	10	1.5
	Yellow	33	10	3.3
	Orange	40	10	4.0
	Pink	91	10	9.1

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	55	5	11.0
	6500K±500	52	5	10.4
	2700K+6500K	106	10	10.6

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	11	3.3	3.4
	G	33	3.3	9.9
	B	5	3.3	1.4
	RGB	49	10	4.9

RGBW

RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

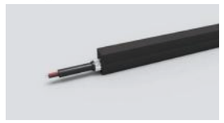
CRI	CCT	lm/m	w/m	lm/w
	R	12	3.3	3.5
	G	34	3.3	10.2
	B	6	3.3	1.7
≥90	3000K±150	51	5	10.2
	RGBW	102	15	6.8

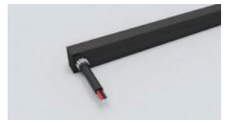
Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

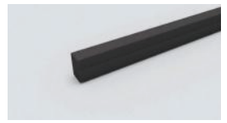
Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Side Cable Entry


Bottom Cable Entry

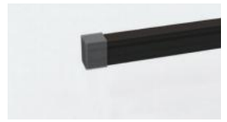

Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

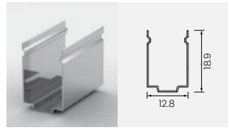

Side Cable Entry


Bottom Cable Entry

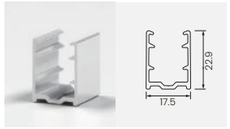

Closed End Cap

Accessory

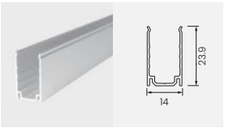
Accessories



Mounting Clips
Dimension: 2cm



Aluminium Mounting clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN

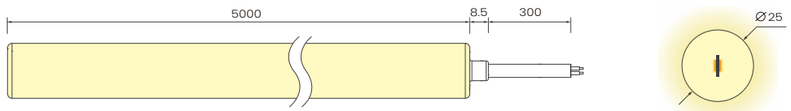

IP67 Connector
Wire Gauge:
20AWG-22AWG

BLACK R25



- Unique black design for dark backgrounds, with a specialized optical design for high brightness and uniform illumination.
- 25mm diameter with 360° uniform lighting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.

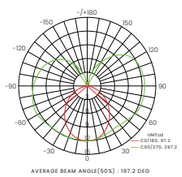
Dimensions(Unit: mm)



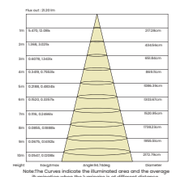
Basic Parameters

Model No.	NB-R25
Working Voltage	DC24V
Rated Power(w/m)	5w/10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2400K±100	70	10	7
	2700K±100	74	10	7.4
	3000K±100	78	10	7.8
	3500K±200	78	10	7.8
	4000K $^{+400}_{-200}$	77	10	7.7
	5000K $^{+500}_{-300}$	72	10	7.2
--	R: 620-630nm	38	10	3.8
	G: 520-530nm	65	10	6.5
	B: 465-475nm	11	10	1.1
	Y: 585-595nm	28	10	2.8
	Pink	58	10	5.8

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	16	2.5	6.5
	6500K±500	15	2.5	5.9
	2700K+6500K	31	5	6

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	2.7	1.6	1.69
	G	7.5	1.6	4.69
	B	1.1	1.6	0.69
	RGB	11.4	5	2.28

RGBW

RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	16w
Max. Run Length	5m

Parameters

CRI	CCT	lm/m	w/m	lm/w
	R	2	4	0.6
	G	8	4	2.0
	B	19	4	4.8
≥90	3000K±150	26	4	6.5
	RGBW	54	16	3.4

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)


Front Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry


Closed End Cap

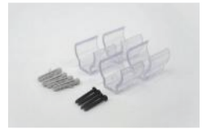
Metal End Cap(IP65)The metal guard coil is unavailable if fitted the metal end cap


Front Cable Entry


Closed End Cap

Accessory

Accessories


PC Clips


PC Profile


Mounting Base


Hanging Base


Hanging clips


Mounting clips


Adjustable Hanging


Endcap


Closed Endcap


Endcap


Closed Endcap


PC Connector


PVC Cable
2PIN, 3PIN, 4PIN, 5PIN


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG


IP65 Connector
Wire Gauge:
20AWG-22AWG

ANTI-GLARE NEON

This series of neon flex features an anti-glare design with a UGR below 19, reducing direct glare and delivering soft, uniform illumination for greater visual comfort.

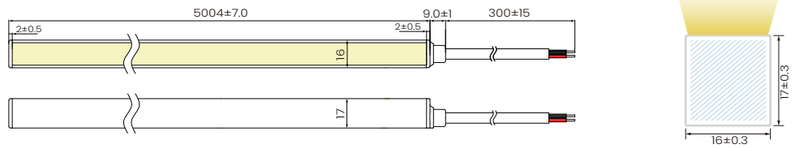


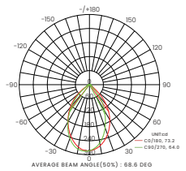
ANTI-GLARE T1617



- A honeycomb cover over the luminous surface reduces direct glare to UGR <19, delivering soft, uniform illumination for greater visual comfort.
- The top-bend design follows vertical curves smoothly, ideal for offices, retail spaces, and other glare-sensitive interiors.
- IP67 protection, 5-year warranty, 1 BIN.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NAG-T1617
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length	5m/10m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	106	10	10.6
	2100K±150	116	10	11.6
	2400K±150	129	10	12.9
	2700K	137	10	13.7
	3000K	132	10	13.2
	3500K	147	10	14.7
	4000K	152	10	15.2
	5000K	146	10	14.6
	6500K	151	10	15.1

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)

Front Cable Entry

Side Cable Entry

Bottom Cable Entry

Closed End Cap

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



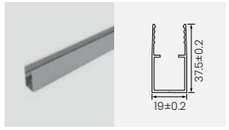
Bottom Cable Entry



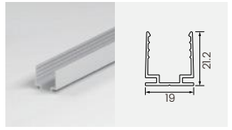
Closed End Cap

Accessory

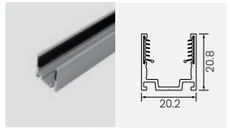
Accessories



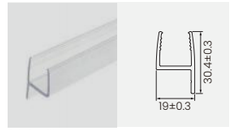
Aluminum Profile
Dimension: 1m



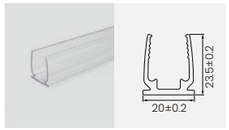
Aluminum Profile
Dimension: 1m



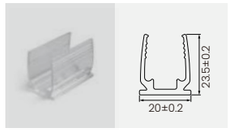
Internal Gear Profile
Dimension: 1m



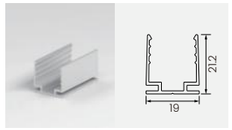
PC Profile
Dimension: 1m



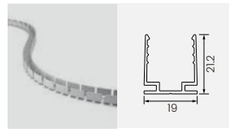
PC Profile
Dimension: 1m



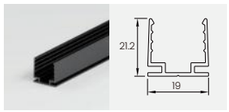
PC Clip
Dimension: 3.5cm



Aluminum Mounting Clips
Dimension: 3.5cm



Curved profile
Dimension: 1m



Black Profile
Dimension: 1m


Silicone Cable
2PIN


IP67 Connector
Wire Gauge:
20AWG

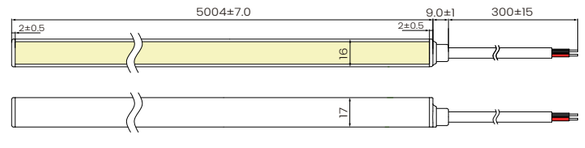

Anti-rain connector

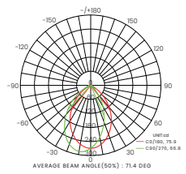
ANTI-GLARE S1617



- A honeycomb cover over the luminous surface reduces direct glare to UGR <19, delivering soft, uniform illumination for greater visual comfort.
- The side-bend design follows horizontal curves smoothly, ideal for offices, retail spaces, and other glare-sensitive interiors.
- IP67 protection, 5-year warranty, 1 BIN.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Basic Parameters

Model No.	NAG-S1617
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45℃

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length	5m/10m
Cutting Length	50mm

Parameters(CC 10m)

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	98	10	9.8
	2100K±150	110	10	11.0
	2400K±150	120	10	12.0
	2700K	129	10	12.9
	3000K	142	10	14.2
	3500K	146	10	14.6
	4000K	146	10	14.6
	5000K	146	10	14.6
	6500K	144	10	14.4

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)

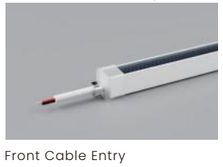

Front Cable Entry


Side Cable Entry


Bottom Cable Entry


Closed End Cap

Silicone End Cap (IP67)


Front Cable Entry

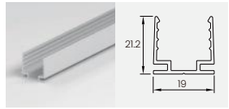

Side Cable Entry


Bottom Cable Entry

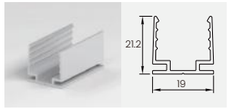

Closed End Cap

Accessory

Accessories



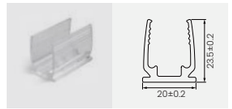
Aluminium Profile
Dimension: 1m



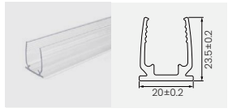
Aluminium Mounting clips
Dimension: 3.5cm



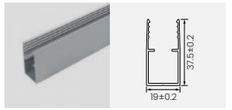
PC Profile
Dimension: 1m



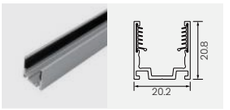
PC Clip
Dimension: 3.5cm



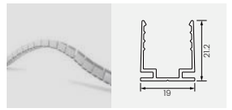
PC Profile
Dimension: 1m



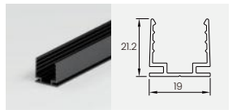
Aluminium Profile
Dimension: 1m



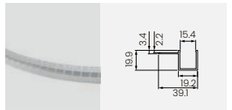
Internal Gear Profile
Dimension: 1m



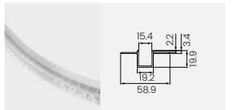
Curved profile
Dimension: 1m



Black Profile
Dimension: 1m



Flexible Recessed
Single-Sided Aluminum Profile
Dimension: 1m



Flexible Recessed
Double-Sided Aluminum Profile
Dimension: 1m


Silicone Cable
2PIN


IP67 Connector
Wire Gauge:
20AWG

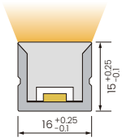

Anti-rain connector

FREE CUTTING NEON

Free cutting design for precise installation, allowing cuts at any point to avoid dark areas caused by mismatched lengths.



TOP BEND NEON



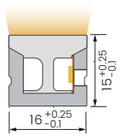
Sectional View

NS-T1615	Page 044
Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Free Cut Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	478	10	47.8
	3000K±150	507	10	50.7
	3500K±200	532	10	53.2
	4000K +400 −200	538	10	53.8
	5000K +500 −300	514	10	51.4
	6500K±500	556	10	55.6

SIDE BEND NEON

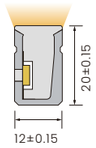


Sectional View

NS-S1615	Page 094
Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.3mm

Free Cut Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	512	10	51.2
	3000K±150	552	10	55.2
	3500K±200	552	10	55.2
	4000K +400 −200	573	10	57.3
	5000K +500 −300	647	10	64.7
	6500K±500	546	10	54.6



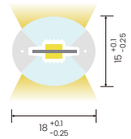
Sectional View

NS-S1220	Page 089
Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	8.3mm

Free Cut Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1800K±150	464	10	46.4
	2100K±150	552	10	55.2
	2400K±150	591	10	59.1
	2700K	615	10	61.5
	3000K	636	10	63.6
	3500K	650	10	65.0
	4000K	632	10	63.2
	5000K	641	10	64.1
	6500K	620	10	62.0

SKYLINE NEON



Sectional View

NK-1815D	Page 361
Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	5mm

Free Cut Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	307	10	30.7
	2400K±150	364	10	36.4
	2700K±150	389	10	39.8
	3000K±150	385	10	38.5
	3500K±250	402	10	40.2
	4000K±300	444	10	44.4
	5000K±400	419	10	41.9
	6000K±400	450	10	45.0
	Red	103	10	10.3
	Green	331	10	33.1
	Blue	142	10	14.2
	Yellow	473	10	47.3
	Orange	304	10	30.4
	Pink	181	10	18.1

DUAL NEON

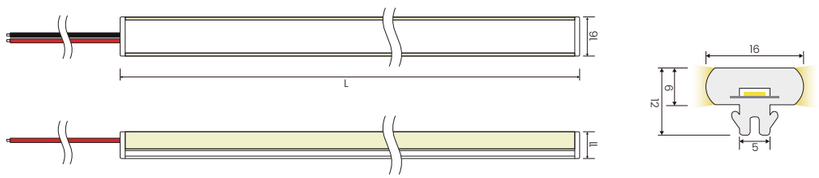
Unique two-sided luminous structure designed for ambient lighting, perfect for different environments.

DUAL 1612



- Unique two-sided luminous structure, ideal for ambient lighting in various environments.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

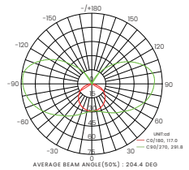
Dimensions(Unit: mm)



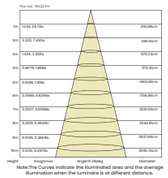
Basic Parameters

Model No.	DUAL ND-1612
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C



Light Distribution Curve
(24V, 10W, RGB)



Effective Average Illuminance

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length(CC)	13m/17m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2400±150	520	10	52
	2700±150	520	10	52
	3000±150	550	10	55
	4000 +400 −200	600	10	60
	6500±500	550	10	55
--	Red	210	10	21
	Green	550	10	55
	Blue	110	10	11
	Yellow	210	10	21
	Pink	480	10	48

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	285	5	57
	6500K±500	295	5	59
	2700K+6500K	580	10	58

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	41	3.3	12.5
	G	145	3.3	44
	B	24	3.3	7.5
	RGB	220	10	22

SPI
Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	51	4.8	10.63
	G	177	4.8	36.88
	B	31	4.8	6.46
	RGB	236	12.5	18.88

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

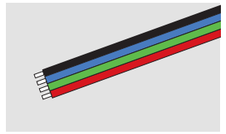
Integral End Cap

Front Cable Entry

Closed End Cap

Accessory

Accessories



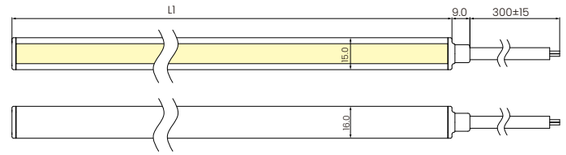
PVC Cable
2PIN, 3PIN, 4PIN

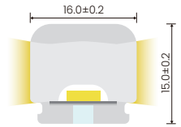
DUAL 1615

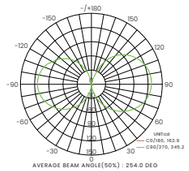


- Unique two-sided luminous structure, ideal for ambient lighting in various environments.
- Tri-color silicone extrusion with a clear window for easy cutting.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥50000 hours.

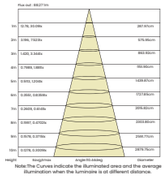
Dimensions(Unit: mm)







Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	DUAL ND-1615
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length(CC)	17m/18m
Cutting Length	50mm

Parameters (CC)

CRI	CCT	lm/m	w/m	lm/w
≥90	2700±150	604	10	60.4
	3000±150	617	10	61.7
	3500±200	620	10	62.0
	4000 $^{+400}_{-200}$	638	10	63.8
	5000 $^{+500}_{-300}$	637	10	63.7
	6500±500	636	10	63.6
--	Red	242	10	24.2
	Green	599	10	59.9
	Blue	121	10	12.1
	Yellow	181	10	18.1
	Orange	224	10	22.4
	Pink	524	10	52.4

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	294	5	58.7
	6500K±500	319	5	63.7
	2700K+6500K	609	10	60.9

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	61	3.3	18.6
	G	224	3.3	68.0
	B	38	3.3	11.4
	RGB	327	10	32.7

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	62	3.3	18.7
	G	232	3.3	70.4
	B	43	3.3	13.0
≥90	3000K±150	304	5	60.7
	RGBW	626	15	41.7

SPI Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	UCS1903H
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	37	5	7.4
	G	107	5	21.3
	B	18	5	3.7
	RGB	153	12	12.8

SPI Digital

RGBW Pixel SPI

Voltage	DC24V
IC Model	UCS2904B
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	38	5	7.5
	G	106	5	21.2
	B	19	5	3.8
≥90	4000K $^{+400}_{-200}$	155	5	31.0
	RGBW	306	15	20.4

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Integral End Cap (IP67)

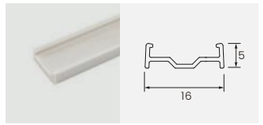

Front Cable Entry


Bottom Cable Entry

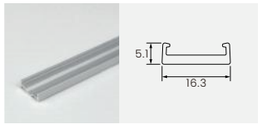

Closed End Cap

Accessory

Accessories



Aluminium Mounting clips
Dimension: 3.5cm



Aluminium Profile
Dimension: 1m


Silicone Cable
2PIN, 3PIN, 4PIN, 5PIN


IP67 Connector
Wire Gauge:
20AWG-22AWG


Anti-rain connector

RECESSED NEON

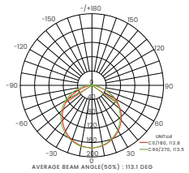
Unique winged design for recessed installation, no profiles needed.



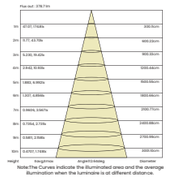
RECESSED T0606



- Unique winged design with a 6mm slim luminous surface, ideal for recessed installation in indoor outlines and furniture, no profiles needed.
- Tri-color silicone extrusion with a clear window for easy cutting.
- High-density LED strip inside ensures uniform, glare-free light emission.
- 3-5 years warranty, working life ≥ 50000 hours.

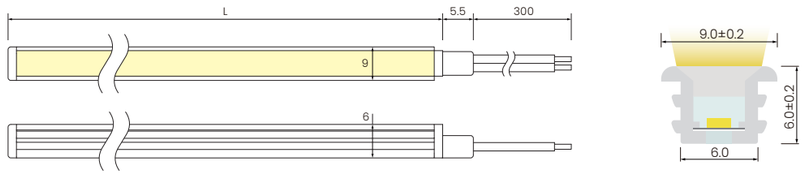


Light Distribution Curve
(24V, 6W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NR-T0606
Working Voltage	DC24V
Rated Power(w/m)	6w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	6w
Max. Ambient tempt.(Tamax)	55°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	6w
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800±100	288	6	48.0
	2400±150	336	6	56.0
	2700±150	378	6	63.0
	3000±150	381	6	63.5
	3500±200	378	6	63.0
	4000 $^{+400}_{-200}$	397	6	66.2
	5700 $^{+500}_{-300}$	372	6	62.0
--	Red	160	6	26.6
	Green	402	6	72.5
	Blue	85	6	14.2
	Yellow	119	6	19.83
	Orange	149	6	24.83

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP44)



Front Cable Entry



Closed End Cap

Accessory

Accessories

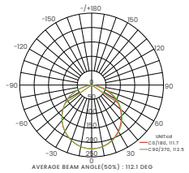


2 PIN Wire

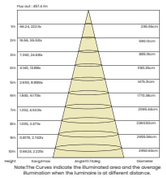
RECESSED T1212



- 12mm flat luminous surface with a unique winged design for recessed installation, no profiles needed.
- Tri-color silicone extrusion with a clear window for easy cutting, IP44 waterproof.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

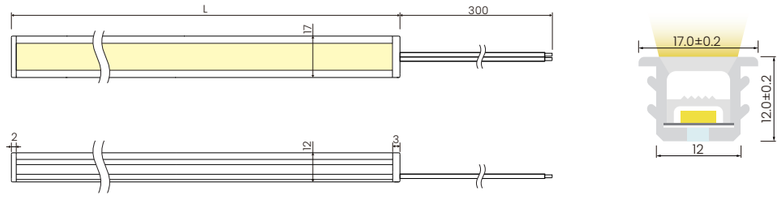


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NR-T1212
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	10w
Max. Run Length	13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700±150	514	10	51.4
	3000±150	536	10	53.6
	4000 $^{+400}_{-200}$	571	10	57.1
	6500±500	585	10	58.5
--	Red	247	10	24.7
	Green	603	10	60.3
	Blue	137	10	13.7
	Yellow	179	10	17.9
	Orange	251	10	25.1
	Pink	473	10	47.3

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	270	5	53.9
	6500K	302	5	60.4
	2700K+6500K	570	10	57.0

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	55	3.3	16.7
	G	172	3.3	52.1
	B	33	3.3	9.9
	RGB	265	10	26.5

SPI
Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	62	4.8	13.0
	G	188	4.8	39.2
	B	34	4.8	7.1
	RGB	277	12.5	22.2

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

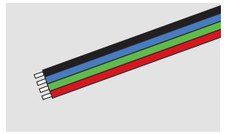
Integral End Cap (IP44)

Front Cable Entry

Closed End Cap

Accessory

Accessories

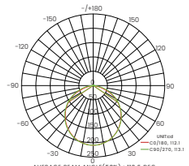


PVC Cable
2PIN, 3PIN, 4PIN

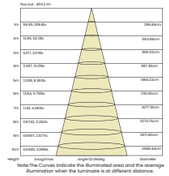
RECESSED T1615



- 16mm flat luminous surface with a unique winged design for recessed installation, no profiles needed.
- Tri-color silicone extrusion with a clear window for easy cutting, IP44 waterproof.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

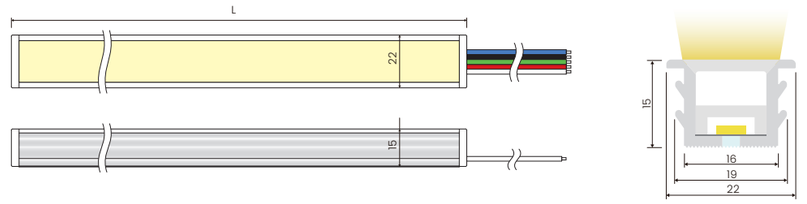


Light Distribution Curve
(24V, 10W, 4100K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NR-T1615
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	10w
Max. Run Length	17m/18m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2400±150	488	10	48.8
	2600±150	560	10	56
	3000±150	607	10	60.7
	4100 $^{+400}_{-200}$	663	10	66.3
	6000±500	630	10	63
--	Red	256	10	25.6
	Green	666	10	66.6
	Blue	157	10	15.7
	Yellow	198	10	19.8
	Orange	258	10	25.8
	Pink	576	10	57.6

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	294	5	58.8
	6500K	323	5	64.6
	2700K+6500K	600	10	60

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	71	3.3	21.5
	G	284	3.3	86.1
	B	56	3.3	17.0
	RGB	419	10	41.9

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	57	2.5	22.8
	G	226	2.5	90.4
	B	48	2.5	19.2
≥90	3000K±150	177	2.5	70.8
	RGBW	505	10	50.5

DMX 512 Digital

DMX RGB

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	54	4	13.5
	G	200	4	50
	B	36	4	9
	RGB	277	12	23

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

End Cap & Cable Lead Option

Integral End Cap (IP44)



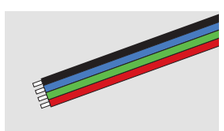
Front Cable Entry



Closed End Cap

Accessory

Accessories



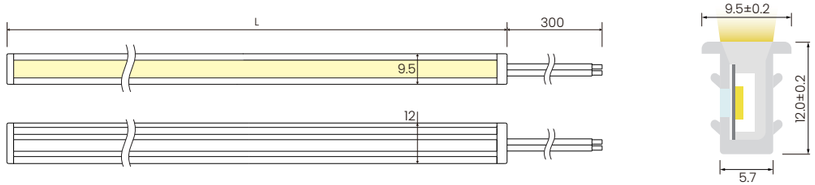
PVC Cable
2PIN, 3PIN, 4PIN, 5PIN

RECESSED S0612



- Unique winged design with a 6mm slim luminous surface, ideal for recessed installation in indoor outlines and furniture, no profiles needed.
- Tri-color silicone extrusion with a clear window for easy cutting.
- High-density LED strip inside ensures uniform, glare-free light emission.
- 3-5 years warranty, working life ≥ 50000 hours.

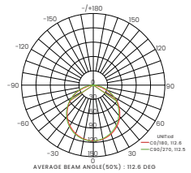
Dimensions(Unit: mm)



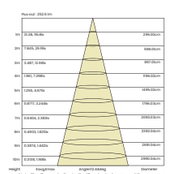
Basic Parameters

Model No.	NR-S0612
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Single Color

Single color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	10w
Max. Run Length	13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700±150	277	10	27.7
	3000±150	282	10	28.2
	4000 $^{+400}_{-200}$	303	10	30.3
	6500±500	312	10	31.2
--	Red	148	10	14.8
	Green	369	10	36.9
	Blue	86	10	8.6
	Yellow	106	10	10.6
	Orange	145	10	14.5
	Pink	270	10	27.0

Tunable White

Tunable

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K	143	5	28.6
	6500K	157	5	31.4
	2700K+6500K	297	10	29.7

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	28	3.3	8.4
	G	87	3.3	26.4
	B	16	3.3	4.8
	RGB	132	10	13.2

SPI
Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	16	4.8	3.4
	G	45	4.8	9.3
	B	8	4.8	1.7
	RGB	94	12.5	7.5

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

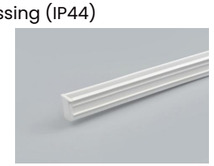
Cable Lead

End Cap & Cable Lead Option

Integral End Cap : Hot pressing (IP44)



Front Cable Entry



Closed End Cap

Integral End Cap : Hydraulic pressing (IP54)



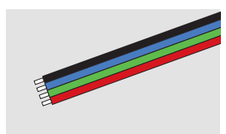
Front Cable Entry



Closed End Cap

Accessory

Accessories

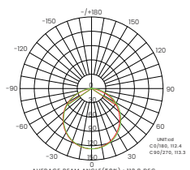


PVC Cable
2PIN, 3PIN, 4PIN

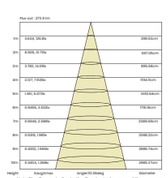
RECESSED S1220



- 12mm flat luminous surface with a unique winged design for recessed installation, no profiles needed.
- Tri-color silicone extrusion with a clear window for easy cutting, IP44 waterproof.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

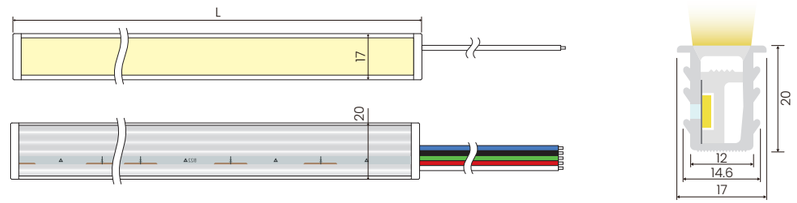


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NR-S1220
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	10w
Max. Run Length	17m/18m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2400±150	374	10	37.4
	2700±150	365	10	36.5
	3000±150	370	10	37
	4000 $^{+400}_{-200}$	407	10	40.7
	5800 $^{+500}_{-300}$	378	10	37.8
--	R	169	10	16.9
	G	427	10	42.7
	B	98	10	9.8
	Yellow	126	10	12.6
	Orange	167	10	16.7
	Pink	346	10	34.6

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	195	5	39
	6500K±500	215	5	43
	2700K+6500K	400	10	40

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	45	3.3	13.6
	G	173	3.3	52.4
	B	34	3.3	10.3
	RGB	254	10	25.4

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	34	2.5	13.6
	G	132	2.5	52.8
	B	29	2.5	11.6
≥90	3000K±150	107	2.5	42.8
	RGBW	302	10	30.2

DMX RGB

Voltage	DC24V
IC Model	UCS512C1L
Power(w/m)	12w
Pixels/m	8
Cutting Length	125mm

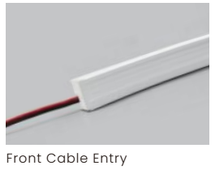
Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	36	4	9
	G	128	4	32
	B	23	4	6
	RGB	178	12	15

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead Option

Integral End Cap (IP44)

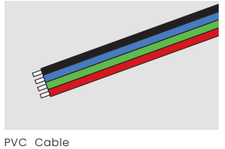


Front Cable Entry



Closed End Cap

Accessories



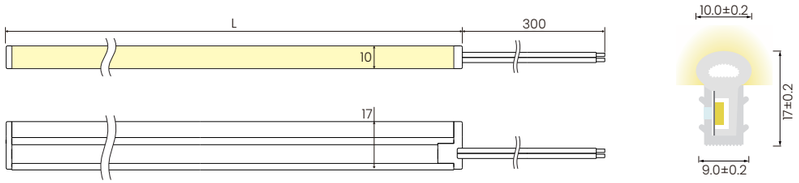
PVC Cable
2PIN, 3PIN, 4PIN, 5PIN

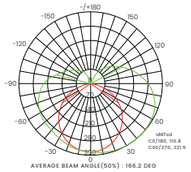
RECESSED S0817



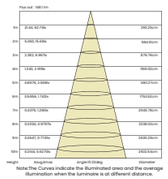
- Unique winged design for recessed installation with no profiles needed, combined with an arched structure and curved luminous surface for a wide beam angle.
- Tri-color silicone extrusion with a clear window for easy cutting, IP44waterproof.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- Run length > 10m, production length up to 30m.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NS-S0817
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	10w
Max. Run Length	13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700±150	340	10	34.0
	3000±150	359	10	35.9
	4000 $^{+400}_{-200}$	405	10	40.5
	6500±500	394	10	39.4
--	Red	185	10	18.5
	Green	453	10	45.3
	Blue	105	10	10.5
	Yellow	138	10	13.8
	Orange	186	10	18.6
	Pink	347	10	34.7

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	175	5	35.1
	6500K±500	197	5	39.5
	2700K+6500K	371	10	37.1

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	37	3.3	11.1
	G	113	3.3	34.3
	B	20	3.3	6.2
	RGB	175	10	17.5

SPI
Digital

RGB Pixel SPI

Voltage	DC24V
IC Model	WS2811
Power(w/m)	12.5w
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	40	4.8	8.3
	G	121	4.8	25.1
	B	21	4.8	4.4
	RGB	177	12.5	14.2

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

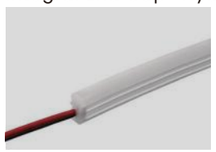
Cable Lead Option

Integral End Cap : Hot pressing (IP44)

Front Cable Entry

Closed End Cap

Integral End Cap : Hydraulic pressing (IP54)



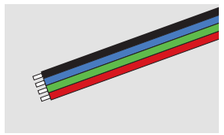
Front Cable Entry



Closed End Cap

Accessory

Accessories



PVC Cable
2PIN, 3PIN, 4PIN



CORNER NEON

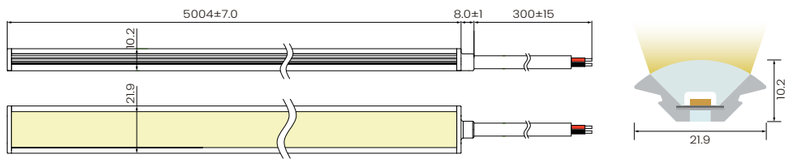
This series of neon flex is designed to fit 90° corners, providing uniform, shadow-free lighting that easily outlines the space.

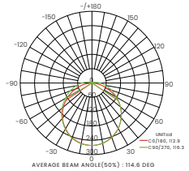
CORNER NEON T2210



- Unique 90° silicone design fits neatly into wall corners and right-angle junctions, creating clean, continuous illumination along architectural edges.
- Top-bend flexibility follows smooth curves, making it suitable for both straight corners and flowing architectural contours.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NC-T2210
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	8m/5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±150	578	10	57.8
	2100K±150	654	10	65.4
	2400K±150	699	10	69.9
	2700K±150	772	10	77.2
	3000K±150	780	10	78.0
	3500K±200	790	10	79.0
	4000K $^{+400}_{-200}$	821	10	82.1
	5000K $^{+500}_{-300}$	819	10	81.9
	6500K±500	836	10	83.6

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



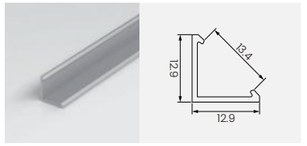
Bottom Cable Entry



Closed End Cap

Accessory

Accessories



Aluminium Profile
Dimension: 1m



Silicone Cable
2PIN



IP67 Connector
Wire Gauge:
20AWG



Anti-rain connector

AC230V NEON

Unique high-voltage design for direct mains connection, no LED driver needed, enabling longer connections and easier installation.

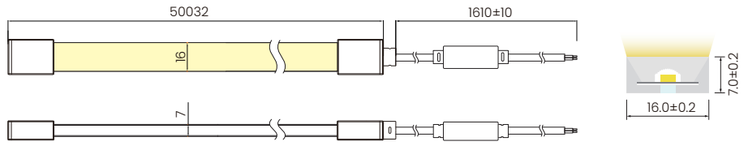


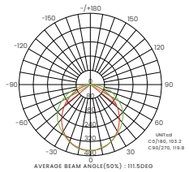
AC230V T1607



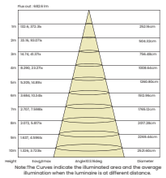
- High-voltage design for direct mains connection, no LED driver needed, allowing longer connections and easier installation.
- Run length up to 50m, production length up to 50m.
- Dust-resistant matte finish ensures a clean look.
- 3-5 years warranty, working life ≥ 50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(AC230V, 12W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NS-T1607
Working Voltage	AC230V/AC120V
Rated Power(w/m)	12w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	12w
Max. Ambient tempt.(Tamax)	45°C



Single Color

Voltage	AC230V/AC120V
Circuit Design	AC
Power(w/m)	12w
Max. Run Length	30m/50m
Cutting Length	100mm

Parameters (AC230V 50m)

CRI	CCT	lm/m	w/m	lm/w
≥90	1800±100	575	12	47.9
	2400±150	726	12	60.5
	2700±150	810	12	67.5
	3000±150	791	12	65.9
	3500±200	840	12	70.0
	4000 +400 −200	913	12	76.0
	5000 +500 −300	863	12	71.9
	6500±500	869	12	72.4

Parameters (AC120V 30m)

CRI	CCT	lm/m	w/m	lm/w
≥90	1800±100	600	12	50.0
	2400±150	756	12	63.0
	2700±150	846	12	70.5
	3000±150	828	12	69.0
	3500±200	882	12	73.5
	4000 +400 −200	954	12	79.5
	5000 +500 −300	906	12	75.5
	6500±500	912	12	76.0

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Solder Free End Cap without screws (IP65)



Front Cable Entry



Closed End Cap

Silicone End Cap(IP65)



Front Cable Entry



Closed End Cap

Accessory

Accessories



Dimension:14x18.6x10.3



Rubber cable
2PIN



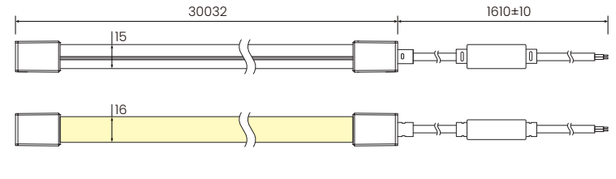
Anti-rain connector

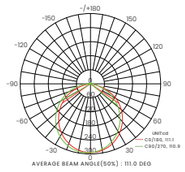
AC230V T1615 HOT



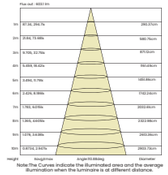
- High-voltage design for direct mains connection, no LED driver needed, allowing longer connections and easier installation.
- Run length up to 30m, production length up to 30m.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(AC230V, 12W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	NS-T1615
Working Voltage	AC230V
Rated Power(w/m)	12w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	12w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	AC230
Circuit Design	AC
Power(w/m)	12w
Max. Run Length	30m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800±100	476	12	39.7
	2400±150	599	12	49.9
	2700±150	644	12	53.7
	3000±150	665	12	55.4
	3500±200	693	12	57.8
	4000 +400 −200	684	12	57.0
	5000 +500 −300	689	12	57.4
	6500±500	689	12	57.4

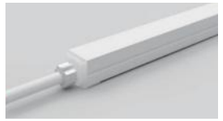
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Solder Free End Cap without screws (IP67)



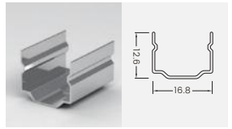
Front Cable Entry



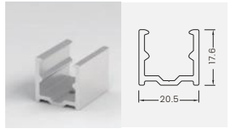
Closed End Cap

Accessory

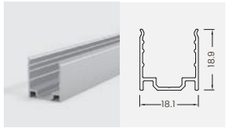
Accessories



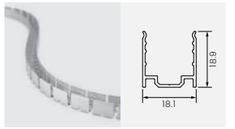
Mounting Clips
Dimension: 2cm



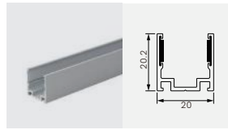
Aluminium Mounting clips
Dimension: 2cm



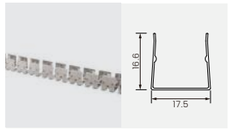
Aluminium Profile
Dimension: 1m



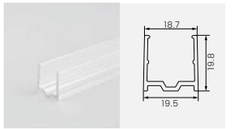
Curved profile
Dimension: 1m



Internal Gear Profile
Dimension: 1m



Curved profile
Dimension: 1m



PC Profile
Dimension: 1m



Rubber cable
2PIN



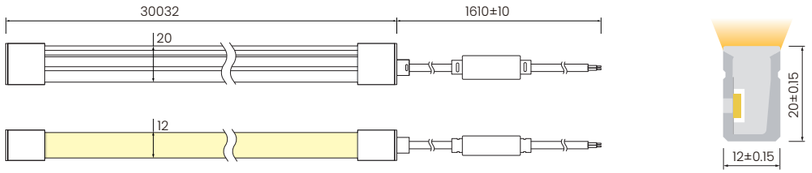
Anti-rain connector

AC230V S1220



- High-voltage design for direct mains connection, no LED driver needed, allowing longer connections and easier installation.
- Run length up to 30m, production length up to 30m.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥ 50000 hours.

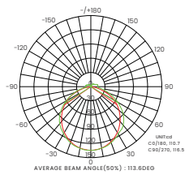
Dimensions(Unit: mm)



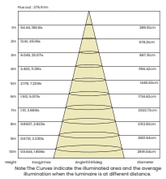
Basic Parameters

Model No.	NS-S1220
Working Voltage	AC230V
Rated Power(w/m)	12w
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

Output	Std Output
Power(w/m)	12w
Max. Ambient tempt.(Tamax)	45℃



Light Distribution Curve
(AC230V, 12W, 4000K)



Effective Average Illuminance

Single color

Single Color

Voltage	AC230
Circuit Design	AC
Power(w/m)	12w
Max. Run Length	30m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800±100	349	12	29.1
	2400±150	427	12	35.6
	2700±150	487	12	40.6
	3000±150	503	12	41.9
	3500±200	521	12	43.4
	4000 +400 −200	519	12	43.3
	5000 +500 −300	529	12	44.1
	6500±500	516	12	43.0

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Solder Free End Cap without screws (IP67)



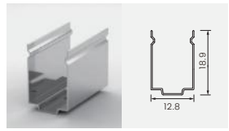
Front Cable Entry



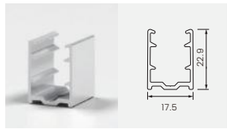
Closed End Cap

Accessory

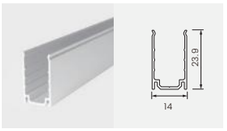
Accessories



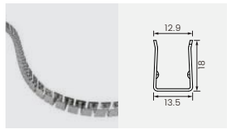
Mounting Clips
Dimension: 2cm



Aluminium Mounting clips
Dimension: 2cm



Aluminium Profile
Dimension: 1m



Curved profile
Dimension: 1m



Rubber cable
2PIN



Anti-rain connector

AC12V-24V NEON

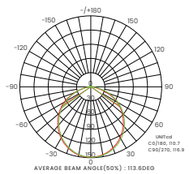
Designed for seamless integration with existing 12V AC systems, ensuring effortless installation, ideal for retrofit lighting applications.



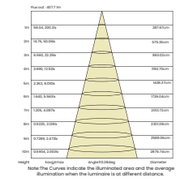
AC12-24V T1615



- Seamlessly integrates with 12V AC systems for easy installation, perfect for retrofit lighting.
- Made from Dow SILASTIC™ silicone with high transmission and an integrated extrusion process, featuring IP67 protection.
- Resists hydrochloric acid, corrosion, flames, and UV yellowing through 9 rigorous tests.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥ 50000 hours.

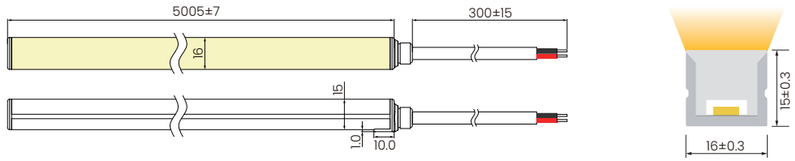


Light Distribution Curve
(AC12V, 12W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NS-T1615
Working Voltage	AC12V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	AC12
Circuit Design	AC
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	35.7mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	504	10	50.4
	3000K±150	525	10	52.5
	4000K $^{+400}_{-200}$	542	10	54.2
	5000K $^{+500}_{-300}$	524	10	52.4
	6500K±500	524	10	52.4

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Solder Free End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End Cap

Solder Free End Cap without screws (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

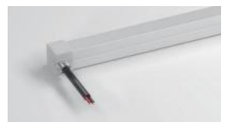


Closed End Cap

Silicone End Cap (IP67)



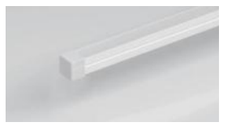
Front Cable Entry



Side Cable Entry



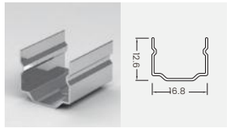
Bottom Cable Entry



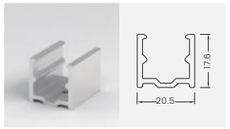
Closed End Cap

Accessory

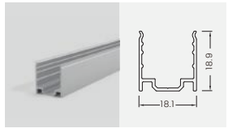
Accessories



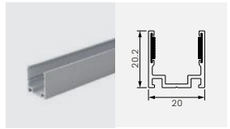
Mounting Clips
Dimension: 2cm



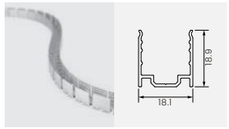
Aluminium Mounting clips
Dimension: 2cm



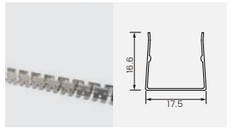
Aluminium Profile
Dimension: 1m



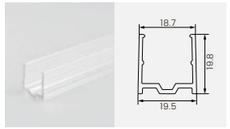
Curved profile
Dimension: 1m



Mounting Clips
Dimension: 1m



Aluminium Mounting clips
Dimension: 1m



Aluminium Profile
Dimension: 1m



PVC Cable
2PIN



Silicone Cable
2PIN



IP67 Connector
Wire Gauge:
20AWG



IP67 Connector
Wire Gauge:
20AWG



Anti-rain connector

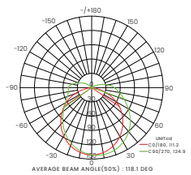
SKYLINE NEON

SKYLINE is a creative 3D lighting solution with flexible installation options. It can be configured as black neon or double-sided LED neon, enhancing the space's charm and creating a cool, attractive atmosphere.

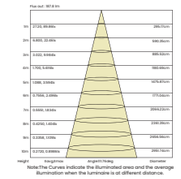
SKYNEON DUAL 1815



- Unique design with double-sided light emitting for creative 3D space lighting, perfect for adding a cool, stylish touch to any environment.
- Available in both black and white finishes to suit various design needs. Flexible installation with an anti-gravity design, featuring internal steel wire to stay straight in the air. Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥ 50000 hours.

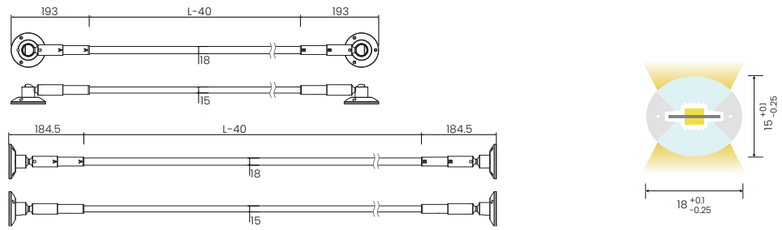


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	NK-1815D
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	346	10	34.6
	2400K±150	420	10	42.0
	2700K±150	460	10	46.0
	3000K±150	466	10	46.6
	3500K±200	464	10	46.4
	4000K +400 −200	495	10	49.5
	5000K +500 −300	492	10	49.2
	5700K +500 −300	460	10	46.0
--	Red	190	10	19.0
	Green	560	10	56.0
	Blue	102	10	10.2
	Yellow	128	10	12.8
	Orange	138	10	13.8
	Pink	438	10	43.8

Free Cut

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	307	10	30.7
	2400K±150	364	10	36.4
	2700K±150	389	10	38.9
	3000K±150	385	10	38.5
	3500K±250	402	10	40.2
	4000K±300	444	10	44.4
	5000K±400	419	10	41.9
	6000K±400	450	10	45.0
	Red	103	10	10.3
	Green	331	10	33.1
	Blue	142	10	14.2
	Yellow	473	10	47.3
	Orange	304	10	30.4
	Pink	181	10	18.1

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	205	5	41.0
	6500K±500	189	5	37.7
	2700K+6500K	392	10	39.2

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	34	3.3	10.3
	G	119	3.3	36.2
	B	18	3.3	5.6
	RGB	186	10	18.6

SPI Digital

RGB Pixel SPI

Voltage	DC12V
IC Model	UCS1903
Power(w/m)	26w
Pixels/m	100
Cutting Length	10mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	49	8.6	1.9
	G	135	8.6	5.2
	B	29	8.6	1.1
	RGB	200	26	7.7

Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Accessory

Accessories



2 Lines Base
Dimension: 110X50X15



3 Lines Base
Dimension: 119X15



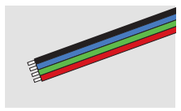
4 Lines Base
Dimension: 119X15



5 Lines Base
Dimension: 130X15



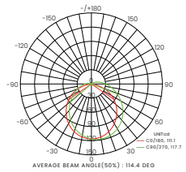
6 Lines Base
Dimension: 130X15


PVC Cable
2PIN, 3PIN, 4PIN

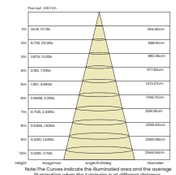
SKYNEON BLACK 1815



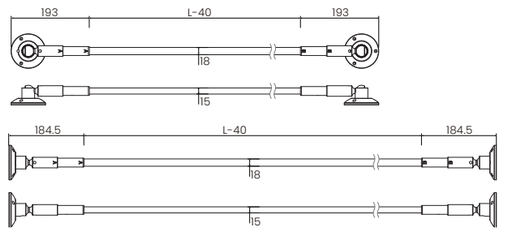
- Unique black design for creative 3D space lighting, perfect for adding a cool, stylish touch to any environment.
- Flexible installation with an anti-gravity design, featuring internal steel wire to stay straight in the air.
- Dust-resistant matte finish ensures a clean look with uniform, natural light.
- 3-5 years warranty, working life ≥50000 hours.

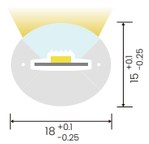


Light Distribution Curve
(24V, 10W, 4000K)


Effective Average Illuminance

Dimensions(Unit: mm)





Basic Parameters

Model No.	NK-1815B
Working Voltage	DC24V
Rated Power(w/m)	10w
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10W
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length(CC)	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	1800K±100	78	10	7.8
	2400K±150	98	10	9.8
	2700K±150	98	10	9.8
	3000K±150	96	10	9.6
	3500K±200	107	10	10.7
	4000K $^{+400}_{-200}$	105	10	10.5
	5000K $^{+500}_{-300}$	103	10	10.3
	6000K	105	10	10.5
--	Red	39	10	3.9
	Green	95	10	9.5
	Blue	19	10	1.9
	Yellow	26	10	2.6
	Orange	32	10	3.2
	Pink	89	10	8.9

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	51	5	10.2
	6500K±500	53	5	10.6
	2700K+6500K	104	10	10.4

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	9	3.3	2.7
	G	30	3.3	9.0
	B	4	3.3	1.2
	RGB	42	10	4.2

SPI Digital

RGB Pixel SPI

Voltage	DC12V
IC Model	UCS1903
Power(w/m)	13w
Pixels/m	100
Cutting Length	10mm

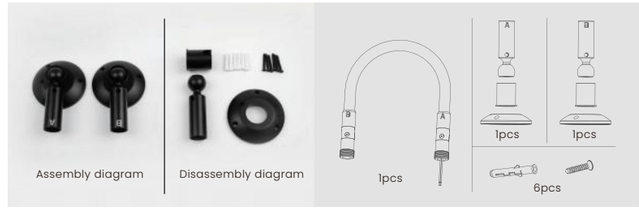
Parameters

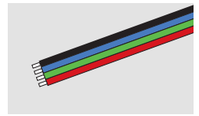
CRI	CCT	lm/m	w/m	lm/w
--	R	7	4.3	0.5
	G	20	4.3	1.5
	B	4	4.3	0.3
	RGB	30	13	2.3

Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Accessory

Accessories





PVC Cable
2PIN, 3PIN, 4PIN



NEON FLEX DEMO

The LED Neon Sample Kit is a portable collection of popular neon models, powered by 5VDC via Type-C or DC adapter—perfect for on-the-go demonstrations. An essential tool for sales teams and project presentations.

Watch the Demo Video

ledyi.co/neon/sample-kit

IN-GROUND LINEAR

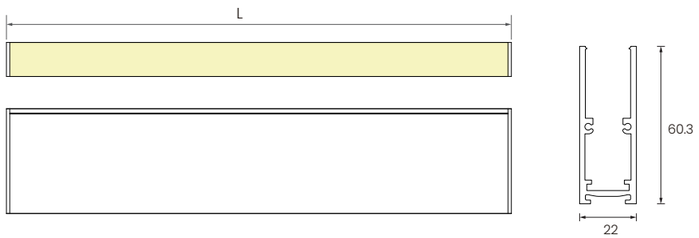
This In-Ground Linear series is designed for seamless integration into ground and architectural surfaces. With IP68 protection, IK10 impact resistance, and flexible side and 3D-bending options, it withstands heavy loads, foot traffic, and harsh outdoor conditions. Perfect for pathways, plazas, facades, bridges, and landscape projects, it ensures durability, adaptability, and long-lasting visual performance.

SIDE BEND S1617



- This in-ground linear series supports side bending for straight or gently curved installations.
- Engineered with IP67 ingress protection and IK10 impact resistance, it performs reliably in outdoor and architectural environments.
- Perfect for pathways, plazas, facades, and landscape lighting, it ensures precision, durability, and uniform illumination.

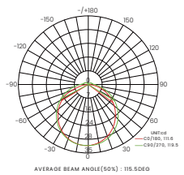
Dimensions(Unit: mm)



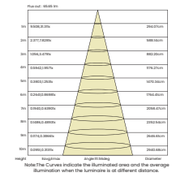
Basic Parameters

Working Voltage	DC24V
CRI	>90
Rated Power/m	10w
Storage Temperature	-25°C~+60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Low Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	7m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2200K±150	303	10	30.3
	2700K±150	304	10	30.4
	3000K±150	310	10	31.0
	3500K±200	331	10	33.1
	4000K +400 -200	339	10	33.9
	5000K +500 -300	339	10	33.9
	6500K±500	333	10	33.3
--	Red	128	10	12.8
	Green	316	10	31.6
	Blue	66	10	6.6
	Yellow	87	10	8.7
	Orange	102	10	10.2
	Pink	300	10	30.0

CCT Tunable

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	71.4mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	220	7.5	29.3
	6000K±500	240	7.5	32.0
	2700K+6000K	455	15	30.3

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	36	3.3	10.9
	G	128	3.3	38.8
	B	20	3.3	6.1
	RGB	182	10	18.2

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	32	3	10.7
	G	126	3	42.0
	B	22	3	7.3
>90	4000K $^{+400}_{-200}$	191	6	31.8
	RGBW	365	15	24.3

DMX 512 Digital

DMX RGBW

Voltage	DC24V
IC Model	UCS512CL
Power(w/m)	15w
Pixels/m	8
Cutting Length	125mm

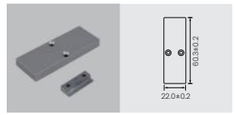
Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	28	5	5.6
	G	70	5	14.0
	B	19	5	3.8
≥80	4000K $^{+400}_{-200}$	86	5	17.2
	RGBW	195	15	13

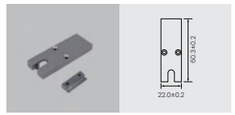
Note:
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
- The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Accessory

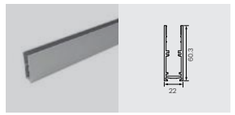
Accessories



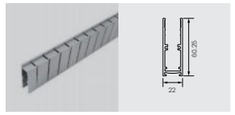
Closed Endcap
Dimension: 6.03cm



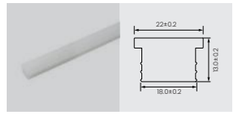
Endcap with wire hole
Dimension: 6.03cm



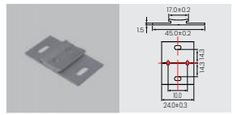
Aluminium Profile
Dimension: 1m



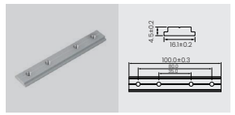
Flexible profile
Dimension: 1m



Silicone cover
Dimension: 2.2cm



Mounting base
Dimension: 4.5cm

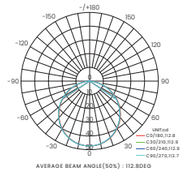


Connector
Dimension: 10cm

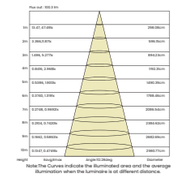
3D IN-GROUND



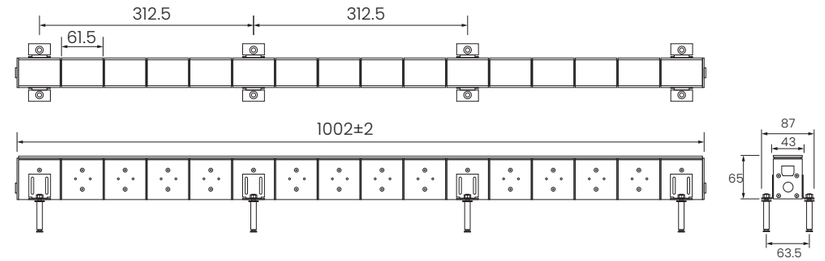
- This in-ground linear series supports side bending for straight or gently curved installations.
- Engineered with IP67 ingress protection and IK10 impact resistance, it performs reliably in outdoor and architectural environments.
- Perfect for pathways, plazas, facades, and landscape lighting, it ensures precision, durability, and uniform illumination.



Light Distribution Curve
(24V, 10W, 3000K)


Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Working Voltage	DC24V
CRI	>90
Rated Power/m	10-15w
Storage Temperature	-25°C~+60°C
Ambient Temperature	-25°C~+55°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	61.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2200K±150	246.8	12	22.48
	2700K±150	297.4	12	22.48
	3000K±150	306.6	12	22.77
	3500K±200	320.39	12	23.86
	4000K	336.99	12	24.99
	5000K	369.98	12	26.24
	6500K	397.73	12	28.21

Note:
- CV: Constant Voltage
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.



LED STRIP

LED strips are available in two main types: COB and SMD. Each offers unique features like 'Single Color', 'Tunable White', RGBX, and Pixel, etc., allowing users to choose the right product based on their project's needs for functionality, application, or budget.



COLOR CONSISTENCY

SDCM<3-Step

Only a single Bin is chosen from the LED packages for each and every customer order. After machine selection, all LEDs undergo an additional visual inspection. Every order comes with both document records and actual LED samples for comparison. Custom colors are available, as we have our own LED packaging facilities.

Please be aware that some of the color temperatures of products sold by LEDYi deviate from industry standards to meet specific customer needs. For these cases, LEDYi has established its own guidelines.

01

First, inspect the appearance of the LED chip to ensure the surface is clean, free of stains and spots, and that there is no bridging in the solder.

02

Second, place the finished product on the testing shelf and turn on the lights to identify defects such as dead LEDs, poor soldering, cracked glue, and excessive brightness.

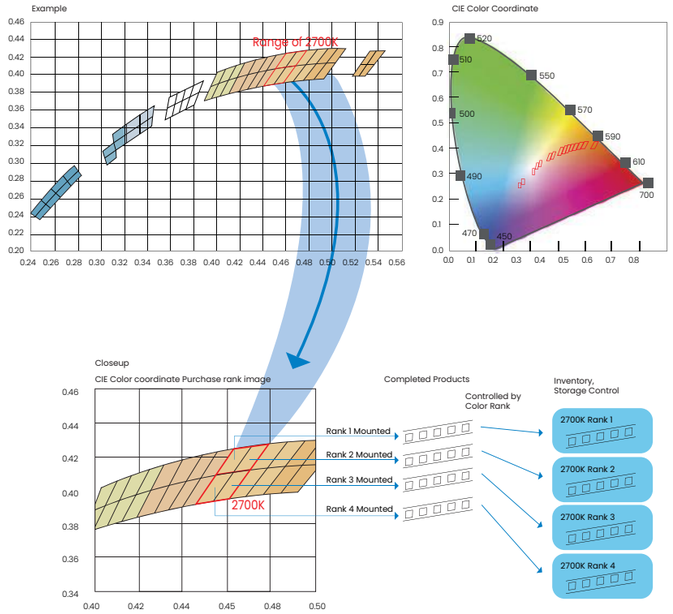
03

Third, cover the LED source with a PMMA board and observe the color of the finished products. Compare the color with the initial sample to ensure color consistency. Mark any defective products with labels.

04

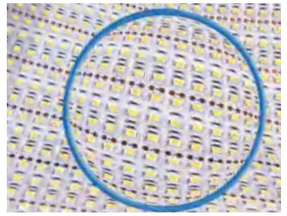
Fourth, any defective products will be returned for analysis and repair.

▶ Color temperature control



Light color consistency is a crucial measure of LED strip quality, and the quality of the LED source is determined by its components. Each step in the manufacturing of LED components, such as phosphor ratio control, glue dispensing, sorting, SMT, and testing, is strictly controlled. To ensure that we deliver flawless products to our customers, inspections and comparisons of color consistency are performed. Below are the key steps:

01



02



03



04



FULL SPECTRUM

Fidelity Index (Rf) Based On The Tm-30

TM-30 is an advanced method developed by the IES for evaluating the color rendering capabilities of white light sources. Unlike CRI and extended CRI, which use 8 and 15 color samples respectively, TM-30 employs 99 color samples in its calculations. This provides a much more reliable and statistically representative metric for assessing a light source's ability to accurately render colors. Similar to CRI, the highest possible score for the fidelity index (Rf) under TM-30 is 100.

Full Color Gamut (Rg) As Per Tm-30-15

In addition to offering a more accurate measure of color fidelity, the TM-30 method introduces another aspect of color quality through the Gamut Index (Rg). This index reveals the range of colors a white light source can produce through reflection. A score near 100 indicates that the light source reproduces colors with saturation levels similar to those produced by an incandescent bulb (2700K) or daylight (5600K/6500K). For LEDs with good color quality, Rg typically falls between 80 and 120, with higher scores indicating greater saturation levels.



CRI>95

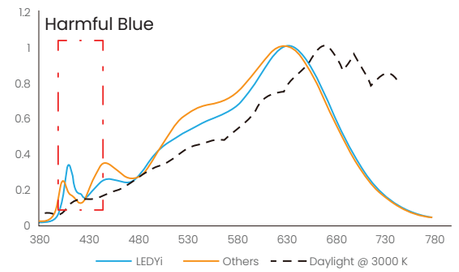


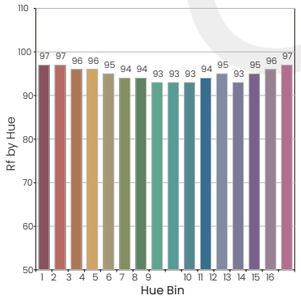


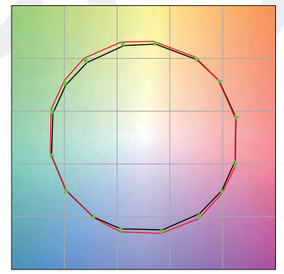
Violet Chip Full Spectrum (Natural Light Series)

CRI UP TO 98

Closely resembling the spectrum of natural sunlight, this lighting technology enhances the colors of objects, making them appear as they would under natural light. The product features high color fidelity with an Rf score above 98 and strong color saturation, evidenced by an Rg score of at least 100. Furthermore, it minimizes harmful blue light, offering a healthier lighting solution.

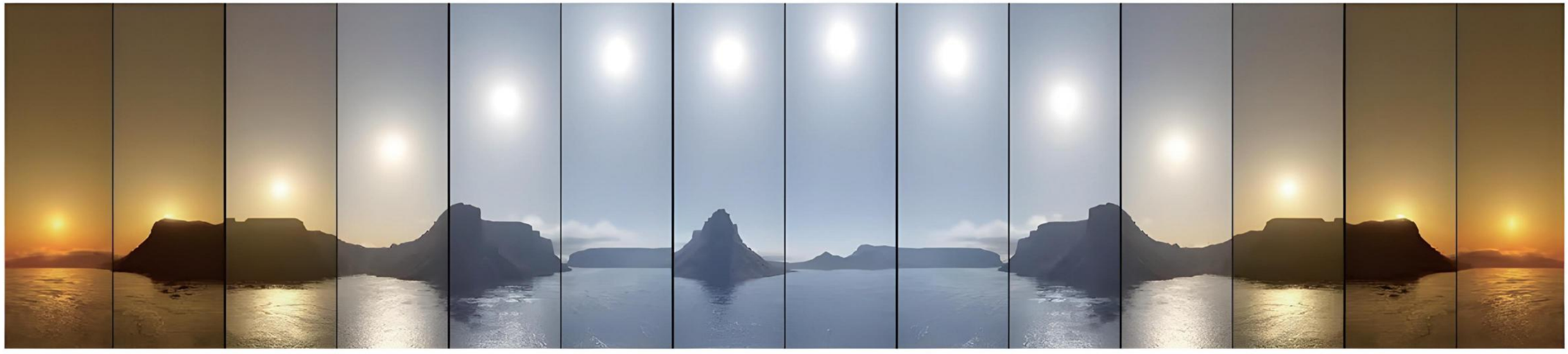






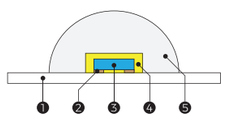
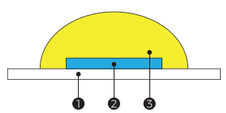
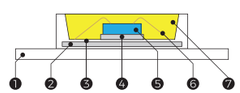
COLOR TEMPERATURE

Various color temperatures allow you to select the ideal light source for different environments as needed.



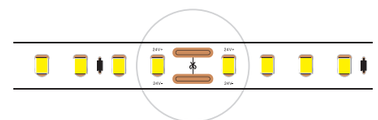
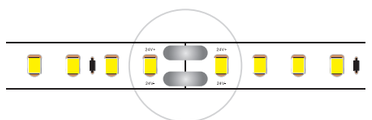
Sunrise	Morning	Noon	Afternoon	Sunset
<2000K	3500-4500K	5500-6500K	3500-4500K	<2000K

CSP VS COB VS SMD strip

Items	CSP	COB	SMD
Structure			
Structure	CSP LED ❶ FPCB ❷ Metal plate ❸ Chip ❹ Phosphor glue ❺ Silicone	❶ FPCB ❷ Chip ❸ Phosphor glue	SMD LED ❶ FPCB board ❷ Frame ❸ Electrode ❹ Ag paste ❺ Chip ❻ Gold wire ❼ Phosphor glue
Production Process	The CSP LEDs are mounted on the flexible PCB and coated with a milky silicone layer.	The blue chips are bonded to a flexible PCB and coated with phosphor glue.	The SMD LEDs are mounted on the flexible PCB
Color Consistency	★★★	★★	★★★★
Efficiency	★★	★★	★★★
Anti-bending Resistance	★★★★	★★	★★★
Brightness per LED	★★	★★	★★★★
Vulcanization Resistance	★★★★	★★★★	★★
Application Suggestion	Ideal for applications requiring high-quality white or mixed color linear lighting.	Offers higher production efficiency and cost benefits for linear white lighting.	Perfect for lighting applications that demand high efficiency and brightness.

R2R vs S2S strip

The reel-to-reel process uses a complete set of equipment to produce entire rolls up to 25 meters long, with few or no solder joints. In contrast, the sheet-to-sheet process has solder joints every 0.5 meters on the flexible PCB.

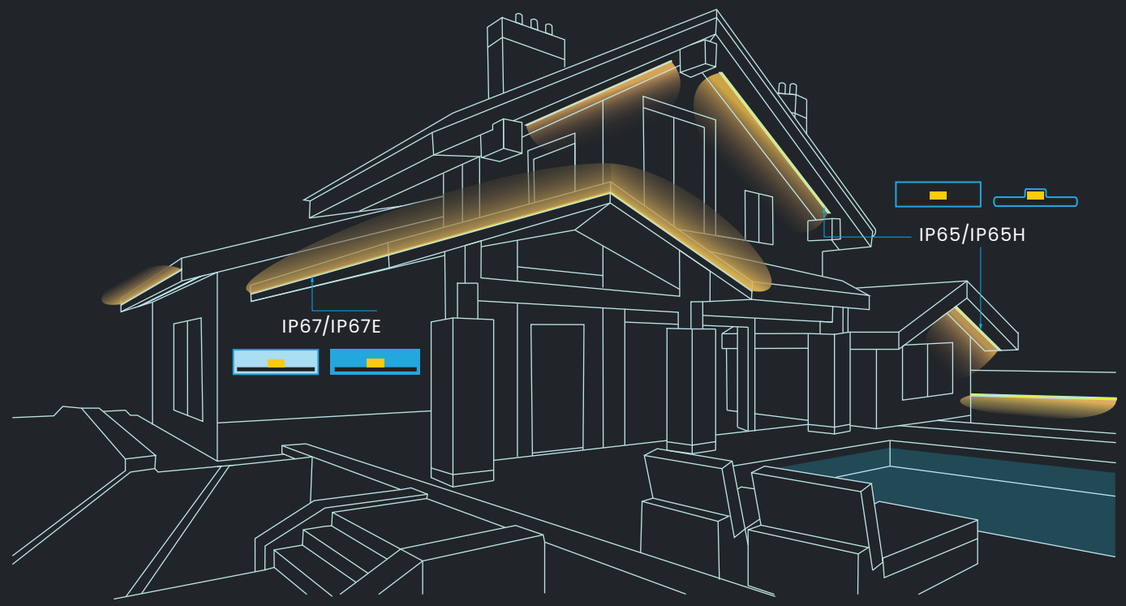
Items	R2R*	S2S*
Image		
Soldering Points	Few Per Reel	Every 0.5m
Risk Of Broken	Ultra Low	Low
Size Accuracy	★★★	★★
Production Efficiency	★★★	★
Cost Effective	★★★	★

*R2R: Reel to reel, S2S: sheet to sheet

IC vs resistor strip

Items	Resistor	IC
Image		
Brightness Consistency	No	Yes
Power Accuracy	★★	★★★
Working Length	★★	★★★
Life Span	★★	★★★
Price Competitive	★★★	★★

IP APPLICATIONS





IP67 | IP67E | IP65 | IP65H

IP PROCESS

IP Rate	Structure	Description	Application
IP20	Bare Led Strip	Non-waterproof	Indoor Use
IP52	Silicone Led Strip	Silicone Coating	Damp Environments E.g. Kitchen, Bathroom
IP65H	Empty Inside Heat Shrink Tube Led Strip	Heat Shrink Tube	Semi-outdoor Raining Environments E.g. Porch, Eaves
IP65	Silicone Tube Empty Inside Led Strip	Silicone Tube	Semi-outdoor Raining Environments E.g. Porch, Eaves
IP65E	Silicone Tube Empty Inside Led Strip	Silicone Tube Extrusion	Semi-outdoor Raining Environments E.g. Porch, Eaves
IP67	Silicone Tube Silicone Inside Led Strip	Silicone Filling	Outdoor Use
IP67E	Silicone Extrusion Led Strip	Silicone Extrusion	Outdoor Use



LED STRIP CUSTOMIZATION

BUILT TO YOUR DESIGN

From light color and output to PcB design and installation, we customize LED strips to fit your project.

LIGHT COLOR

Custom color temperatures, single-color wavelengths, and color-changing options to suit your design.

CRI & COLOR CONSISTENCY

CRI, color binning, and color consistency options to meet project requirements.

LIGHT OUTPUT & POWER

Lumen output and wattage per meter to suit the application.

VOLTAGE & CONTROL

Operating voltage, dimming, and control options to match your lighting system.

PCB DESIGN

Custom PCB width, thickness, copper weight, circuit layouts, and logo printing.

CABLES & CONNECTORS

Cable types, lengths, exit positions, and connectors to suit installation needs.

LENGTH & CUTTING

Custom strip lengths and cut increments to match installation dimensions.

LED TYPE & DENSITY

LED package types, LED density, and SMD or COB configurations to suit the application.

ADHESIVE & MOUNTING

Backing tape and mounting accessories selected for the installation surface and conditions.

PROTECTIVE COATINGS

Coating and encapsulation options selected for the application environment.

IP RATINGS

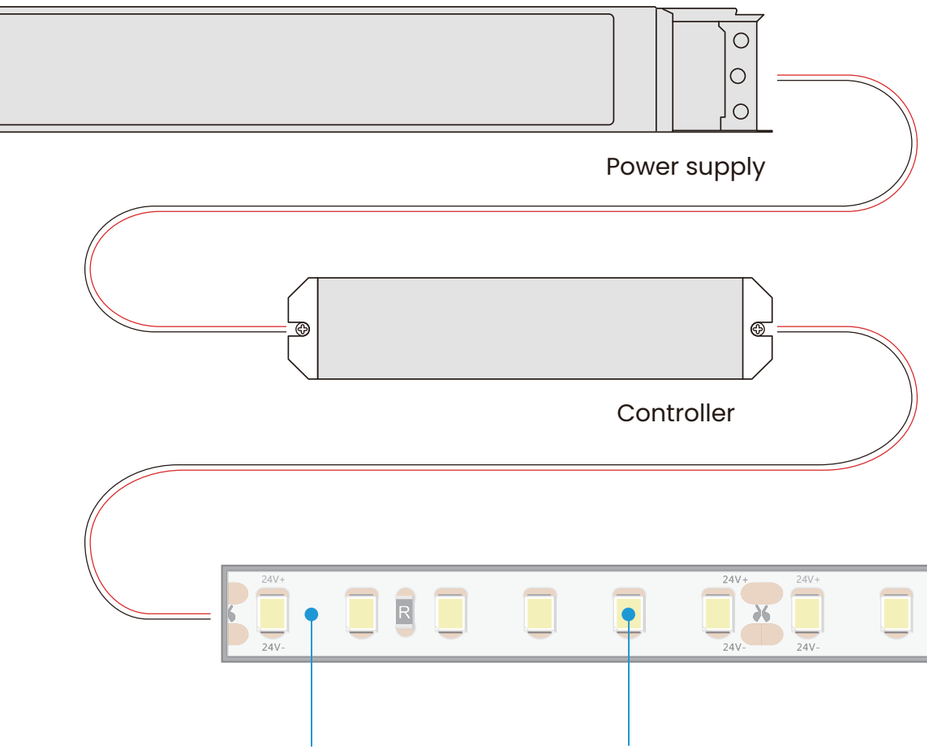
IP rating options for indoor, outdoor, and wet environments.

BRANDING & PACKAGING

Custom labels, reels, bags, and packaging with your branding.

Customization options vary by product. Our team will confirm the specifications for your project.

LED STRIP SOLUTION



LED Strip



LY120-S2835-12V-8mm



LY160-S2835-24V-8mm

Various models available, customize your LED strip as needed

LED

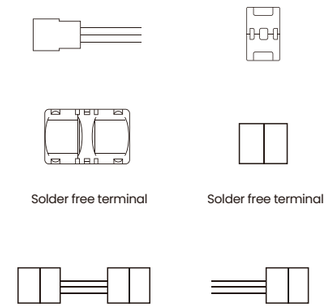
CRI>80 CRI>90 CRI>95

1900 K | 2300 K | 2700 K | 3000 K | 3500 K | 4000 K | 5000 K | 6000 K | R | G | B

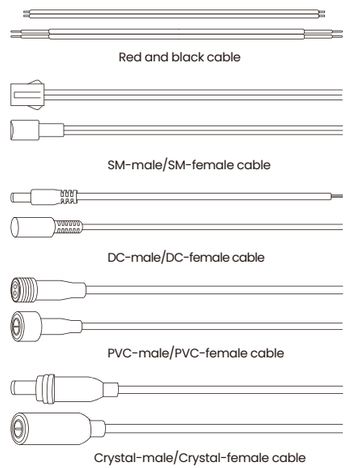
ONE BIN
SDCM<3

Various options, optional ordering, Customizable CCT & BIN

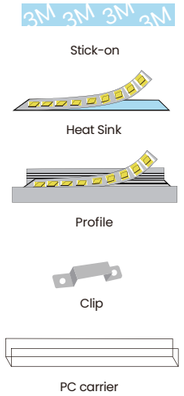
Connector



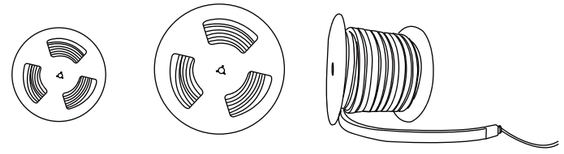
Cables



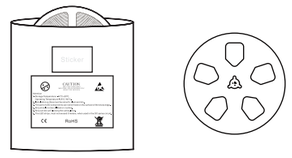
Installation



Package



Environmentally friendly packaging



ORDERING CODE

Product — Customization

LY120-S2835W27-B24-CRI90-IP67-30D-500

1 2 3 4 5 6 7 8 9 10 11

Simple steps, comprehensively open for personal product customization

Company Abbreviation	Code 1
LEDYI	LY

Number of LEDs	Code 2
60leds/m	60
120leds/m	120

LED Type	Code 3
SMD2835	S2835

CCT/Color	Code 4
2700K	W27
3000K	W30
4000K	W40
6000K	W60
Red	R
Green	G
Blue	B
Tunable White	TW
RGB	RGB
RGBW	RGBW
RGBTW	RGBTW

PCB Color	Code 5
White	W
Black	B

Input Voltage	Code 6
12V	12
24V	24

CRI	Code 7
CRI>80	CRI80
CRI>90	CRI90

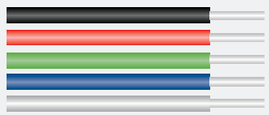
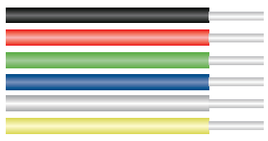
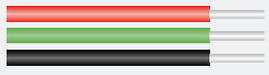
IP Rating	Code 8
None waterproof	IP20
Silicone coating	IP52
Nano coating	IP65N (Indoor or 45° shelter outdoor)
Heat shrink tube	IP65H
Silicone tube	IP65
Silicone tube extrusion	IP65E
Silicone filling	IP67
Silicone extrusion	IP67E
PU extrusion	IP67U

Wire Length	Code 9
30CM	30
50CM	50
100CM	100

Entry Cable	Code 10
One end	S
Dual end	D

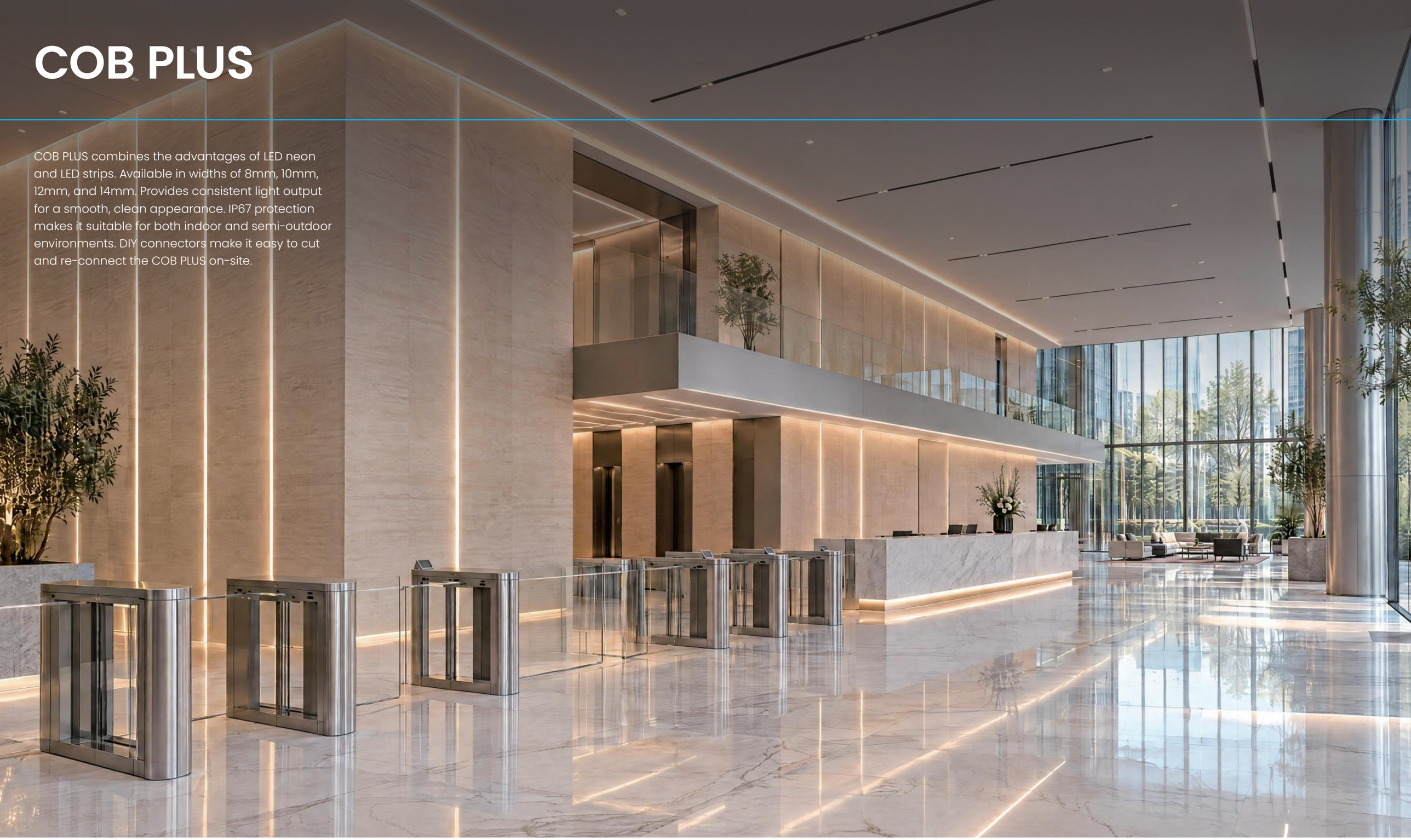
Strip Length	Code 11
5m/reel	500
10m/reel	1000
15m/reel	1500
50m/reel	5000

WIRE RECOGNITION

COLOR	PIN	Wire	Color indication	Wiring instructions
White	2PIN			Red: V+ Black: V-
CCT	3PIN			Black: V+ White: W- Yellow: C-
RGB	4PIN			Black: V+ Red: R- Green: G- Blue: B-
RGBW	5PIN			Black: V+ Red: R- Green: G- Blue: B- White: W-
RGBCCT	6PIN	/		Black: V+ Red: R- Green: G- Blue: B- White: W- Yellow: C-
SPI	3PIN			Red: V+ Green: DAT Blue: GND
DMX	5PIN			Black: DAT Red: V+ Green: PI Blue: A/DAT+ White: B/DAT-

COB PLUS

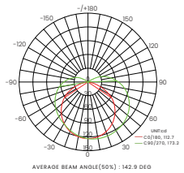
COB PLUS combines the advantages of LED neon and LED strips. Available in widths of 8mm, 10mm, 12mm, and 14mm. Provides consistent light output for a smooth, clean appearance. IP67 protection makes it suitable for both indoor and semi-outdoor environments. DIY connectors make it easy to cut and re-connect the COB PLUS on-site.



COB PLUS 8



- 8mm wide and 6mm high slim body with a high-density COB light source, delivering smooth, dot-free illumination for compact installations.
- Single-color options from 2700K to 6500K with CRI 90+, providing consistent, natural light for various application needs.
- One-piece three-color silicone extrusion with injection-molded end caps provides IP67 protection and a frosted, dust-resistant, anti-UV finish.
- 5-year warranty, working life ≥ 50,000 hours.

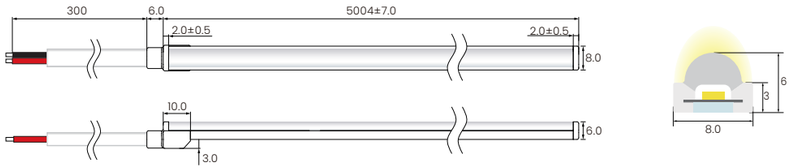


Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Model No.	COB PLUS 8
Working Voltage	DC24V
Rated Power(w/m)	10W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	630	10	63
	3000K±150	660	10	66
	3500K±200	670	10	67
	4000K $^{+400}_{-200}$	660	10	66
	5000K $^{+500}_{-300}$	660	10	66
	6500K±500	630	10	63

Note:
- *CV: Constant Voltage CC: Constant Current.*
- *Max. Run length refers to single side feed in serial connection.*
- *The given color temperature is the temperature of finished products.*
- *The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.*

Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Closed End Cap

Silicone end cap (IP67)



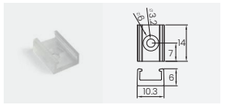
Front Cable Entry



Closed End Cap

Accessory

Accessories



C8 Clip
Dimension:14x10.3x6



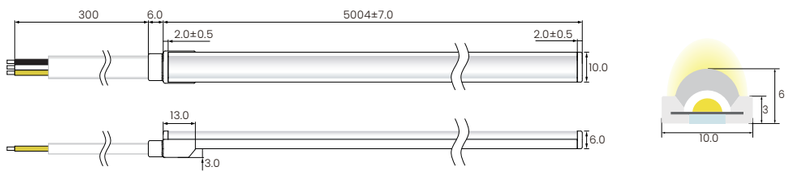
P8 Aluminium Profile
Dimension:1000x9.7x6mm

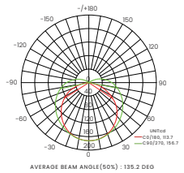
COB PLUS 10



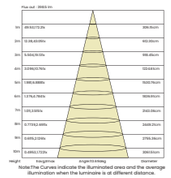
- 10mm wide and 6mm high slim body with smooth, dot-free illumination, ideal for versatile indoor, outdoor, and architectural lighting.
- Single-color and CCT tunable options, with constant-voltage and constant-current versions for standard and longer continuous runs.
- One-piece three-color silicone extrusion with injection-molded end caps provides IP67 protection and a frosted, dust-resistant, anti-UV finish.
- 5-year warranty, working life ≥50,000 hours.

Dimensions(Unit: mm)





Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Basic Parameters

Model No.	COB PLUS 10
Working Voltage	DC24V
Rated Power(w/m)	5W/10W
Storage Temperature	-25℃~60℃
Ambient Temperature	Tamin=-25℃, Tamax (Table below)

Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C

Single color

Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5W/10w
Max. Run Length(CC)	15m/10m
Cutting Length	25mm/50mm

Parameters (CC 50mm)

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	640	10	64
	3000K±150	650	10	65
	3500K±200	670	10	67
	4000K $^{+400}_{-200}$	670	10	67
	5000K $^{+500}_{-300}$	680	10	68
	6500K±500	650	10	65

Tunable

Tunable White

Voltage	DC24V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
≥90	2700K±150	250	5	47
	6500K±500	335	5	71
	2700K+6500K	590	10	59

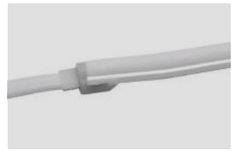
Note:

- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.

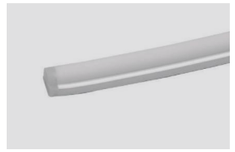
Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Closed End Cap

Silicone end cap (IP67)



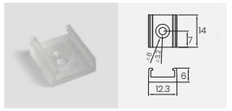
Front Cable Entry



Closed End Cap

Accessory

Accessories



C10 Clip
Dimension:14x12.3x6



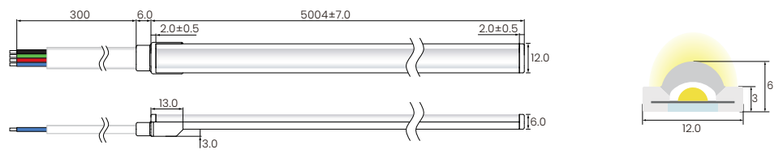
P10 Aluminium Profile
Dimension:1000x11.7x6mm

COB PLUS 12



- 12mm wide and 6mm high slim body with smooth RGB illumination, ideal for decorative, ambient, and architectural lighting.
- High-density COB light source delivers seamless color mixing without visible LED spots, creating uniform and natural lighting effects.
- One-piece three-color silicone extrusion with injection-molded end caps provides IP67 protection and a frosted, dust-resistant, anti-UV finish.
- 5-year warranty, working life ≥50,000 hours.

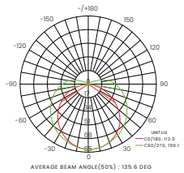
Dimensions(Unit: mm)



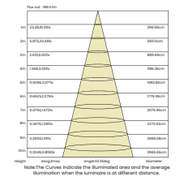
Basic Parameters

Model No.	COB PLUS 12
Working Voltage	DC24V
Rated Power(w/m)	15W
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Table below)

Output	High Output
Power(w/m)	15W
Max. Ambient tempt.(Tamax)	35°C



Light Distribution Curve
(24V, 15W, RGB)



Effective Average Illuminance

RGB

RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

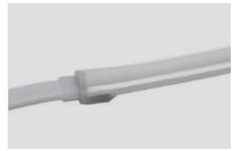
CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	112	8	14
	G: 520-530nm	238	3.5	68
	B: 450-460nm	28	4	7
	RGB	360	15	24

Note:
- CV: Constant Voltage
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.

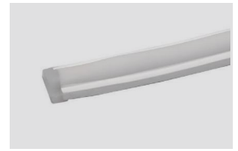
Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Closed End Cap

Silicone end cap (IP67)



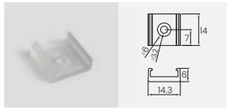
Front Cable Entry



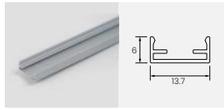
Closed End Cap

Accessory

Accessories



C12 Clip
Dimension:14x14.3x6



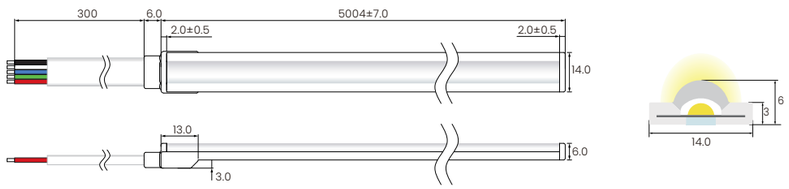
P12 Aluminium Profile
Dimension:1000x13.7x6mm

COB PLUS 14



- 14mm wide and 6mm high slim body with RGBW and Pixel RGB options, ideal for colorful and dynamic lighting applications.
- RGBW provides high-quality white light with CRI 90+, while Pixel RGB enables individually controlled dynamic lighting effects.
- One-piece three-color silicone extrusion with injection-molded end caps provides IP67 protection and a frosted, dust-resistant, anti-UV finish.
- 5-year warranty, working life ≥50,000 hours.

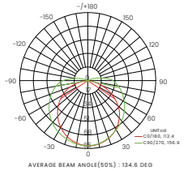
Dimensions(Unit: mm)



Basic Parameters

Model No.	COB PLUS 14
Working Voltage	DC24V
Rated Power(w/m)	12W/16W
Storage Temperature	-25°C~60°C
Ambient Temperature	-25°C~45°C

Output	Std Output	High Output
Power(w/m)	12w	16W
Max. Ambient tempt.(Tamax)	45°C	35°C



Light Distribution Curve
(24V, 16W, RGBW)



Effective Average Illuminance

RGBW

RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	16w
Max. Run Length	5m
Cutting Length	33.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	64	6.4	10
	G: 520-530nm	95	2.5	38
	B: 450-460nm	14	2.9	5
≥90	W: 3000±200	137	4.3	32
	RGBW	304	16	19

SPI Digital

SPI RGB

Voltage	DC24V
IC Model	WS2811
Power(w/m)	24w
Pixel(PCS)	20
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R: 620-630nm	55	5	11
	G: 520-530nm	215	5	43
	B: 450-460nm	25	5	5
	RGB	252	12	21

Note:
- CV: Constant Voltage
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.

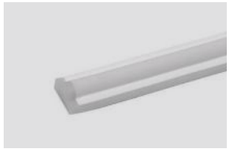
Cable Lead

Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Closed End Cap

Silicone end cap (IP67)



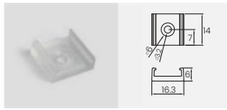
Front Cable Entry



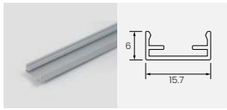
Closed End Cap

Accessory

Accessories



C14 Clip
Dimension:14x16.3x6



P14 Aluminium Profile
Dimension:1000x15.7x6mm

COB SINGLE COLOR

Single color COB LED strip lights feature a high LED density and a 180° beam angle, delivering bright, uniform illumination with excellent color consistency (SDCM ≤ 3). These energy-efficient, durable lights are ideal for under-cabinet, patio, deck, and accent lighting.

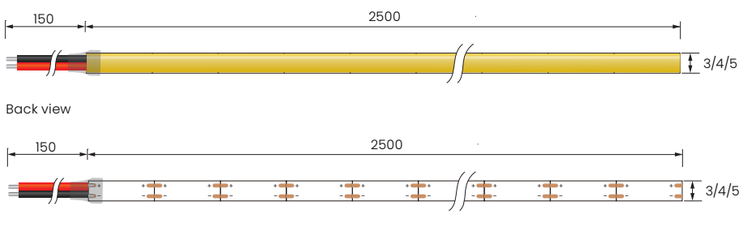


SLIM COB 480Chips/m 3mm/4mm/5mm

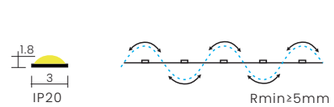


Dimensions & Waterproof(Unit: mm)

Front view



Back view

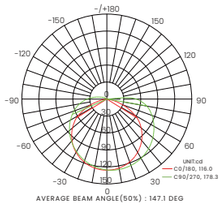




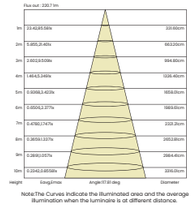
Product Specification

Power(W)	5W/7W
Voltage(V)	DC12V / DC24V
Max.run length(M)	5m
Ambient Temperature	-25℃~+45℃
Storage Temperature	-25℃~+60℃

Illuminance Distribution



Light Distribution Curve
(24V, 5W, 4000K)



Effective Average Illuminance

Product Photometrics (3mm/4mm) (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±100	535	5	107
	3000K±150	575	5	115
	4000K±250	625	5	125
	6500K±300	600	5	120

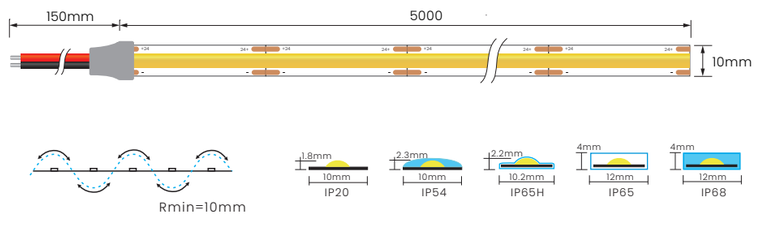
Product Photometrics (5mm) (The data base on IP20 24V)

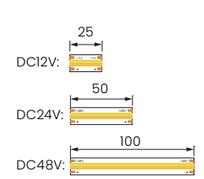
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±100	749	7	107
	3000K±150	805	7	115
	4000K±250	875	7	125
	6500K±300	840	7	120

SINGLE ROW 480Chips/m 10mm



Dimensions & Waterproof(Unit: mm)

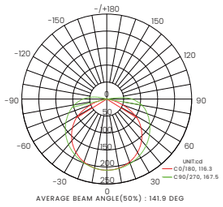




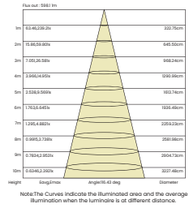
Product Specification

Power(W)	5W / 10W / 15W
Voltage(V)	DC12V/DC24V/DC48V
Max.run length(M)	5m/10m
Ambient Temperature	-25℃~+45℃
Storage Temperature	-25℃~+60℃

Illuminance Distribution



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

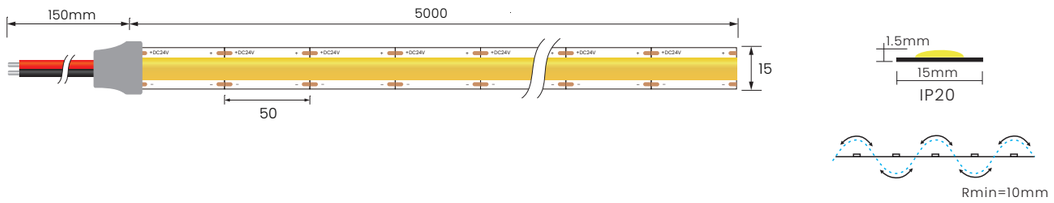
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±100	490	5	98
	3000K±150	545	5	109
	4000K±250	575	5	115
	6500K±300	595	5	119
	2700K±100	980	10	98
	3000K±150	1090	10	109
	4000K±250	1150	10	115
	6500K±300	1190	10	119
	2700K±100	1470	15	98
	3000K±150	1635	15	109
	4000K±250	1725	15	115
	6500K±300	1785	15	119

THREE ROWS 960Chips/m 15mm



Dimensions & Waterproof(Unit: mm)



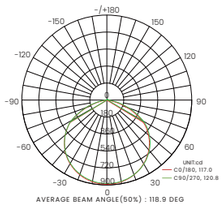
Product Specification

Power(W)	25W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

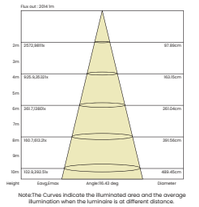
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	3000K±200	2500	25	100
	4000K±200	2625	25	105
	6500K±250	2800	25	105

Illuminance Distribution



Light Distribution Curve
(24V, 25W, 3000K)

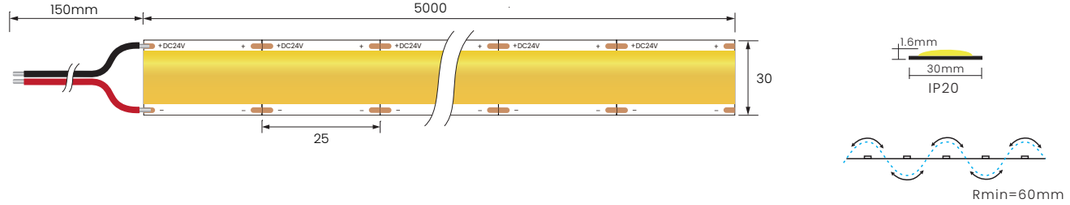


Effective Average Illuminance

FIVE ROWS 1600Chips/m 30mm



Dimensions & Waterproof(Unit: mm)



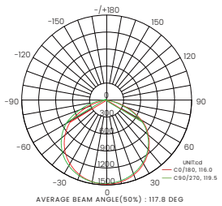
Product Specification

Power(W)	40W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-20°C~+40°C
Storage Temperature	-20°C~+45°C

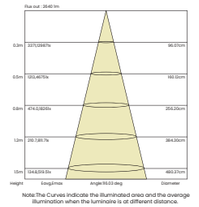
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	3000K±200	4200	40	105
	4000K±200	4400	40	110
	6500K±250	4600	40	115

Illuminance Distribution

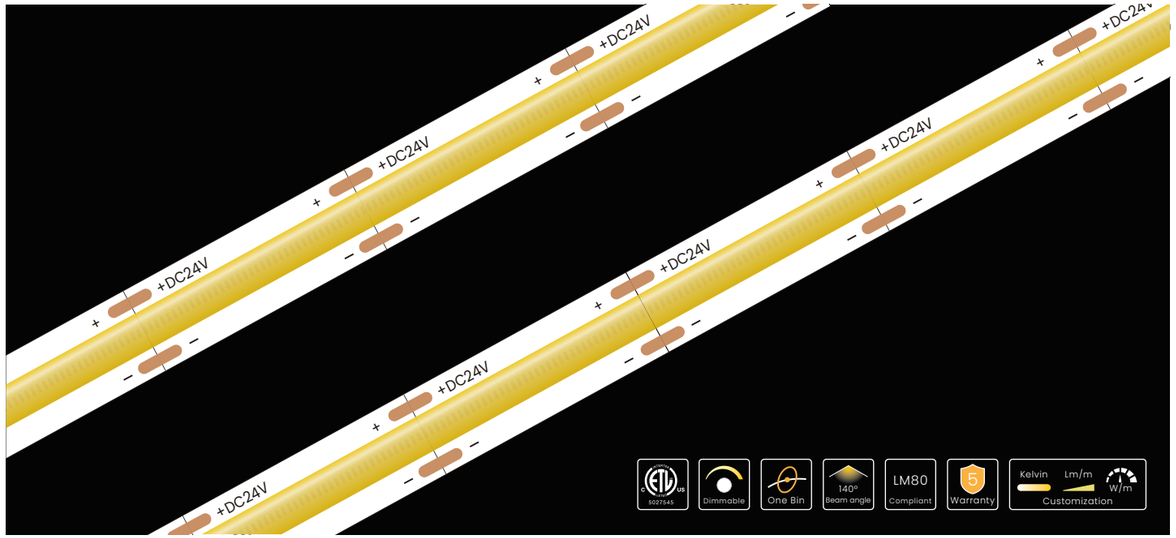


Light Distribution Curve
(24V, 40W, 3000K)

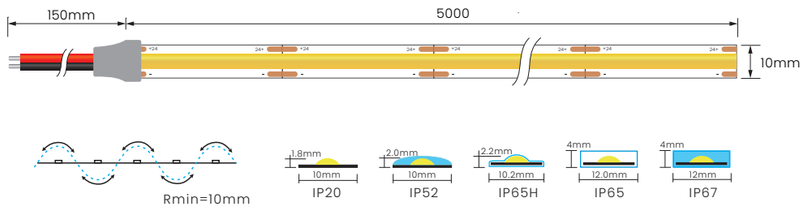


Effective Average Illuminance

HIGH EFFICIENCY 480Chips/m 10mm



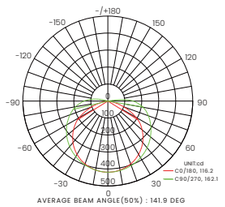
Dimensions & Waterproof(Unit: mm)



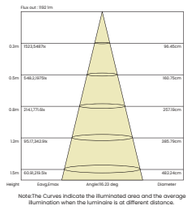
Product Specification

Power(W)	5W/10W/15W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-30°C~+80°C

Illuminance Distribution



Light Distribution Curve
(24V, 14.5W, 4000K)



Effective Average Illuminance

Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±100	635	5	127
	3000K±150	675	5	135
	4000K±250	700	5	140
	6000K±300	700	5	140
	2700K±100	1270	10	127
	3000K±150	1350	10	135
	4000K±250	1400	10	140
	6000K±300	1400	10	140
	2700K±100	1905	15	127
	3000K±150	2025	15	135
	4000K±250	2100	15	140
	6000K±300	2100	15	140



COB FREE CUTTING SERIES

The COB Free-Cutting Series delivers smooth, continuous light with no visible dots or hotspots—even without a diffuser. Cut anywhere along the strip to get the exact length you need, with no fixed cutting points to limit your design.

Ideal for under-cabinet, wardrobe, mirror, and cove lighting, these flexible, reliable strips bring soft, even illumination to everyday spaces. They make it easy to achieve a clean, seamless finish, tailored to your space.

PRODUCT PARAMETER

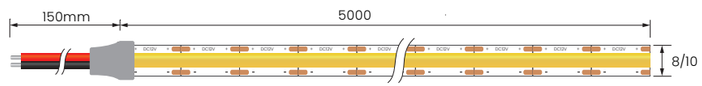
Model	Chips/m	PCB Width (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @10W/3000K	Efficacy (Lm/w) @10W/3000K	IP rate
LY480-COBW30-4MM-FC	480	4	24V	5	>90	340	68	IP20
LY480-COBW30-5MM-FC	480	5	24V	5	>90	365	73	IP65
LY480-COBW30-6MM-FC	480	6	24V	5	>90	340	68	IP20/IP65
LY480-COBW30-8MM-FC	480	8	12V/24V	5/10/15	>90	890	89	IP20/IP54/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY480-COBW30-10MM-FC	480	10	12V/24V	5/10/15	>90	1060	88.5	IP20/IP54/IP65/IP65H/ IP65E/IP67/IP67E/IP68

Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

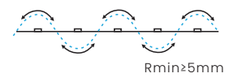
SINGLE COLOR FREE CUTTING 480Chips/m 8/10mm



Dimensions & Waterproof(Unit: mm)



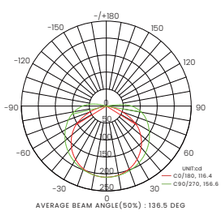




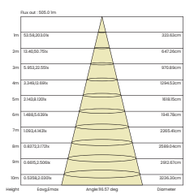
Product Specification

Power(W)	5W / 10W / 15W
Voltage(V)	DC12V/DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

Illuminance Distribution



Light Distribution Curve
(24V, 10W, 4000K)



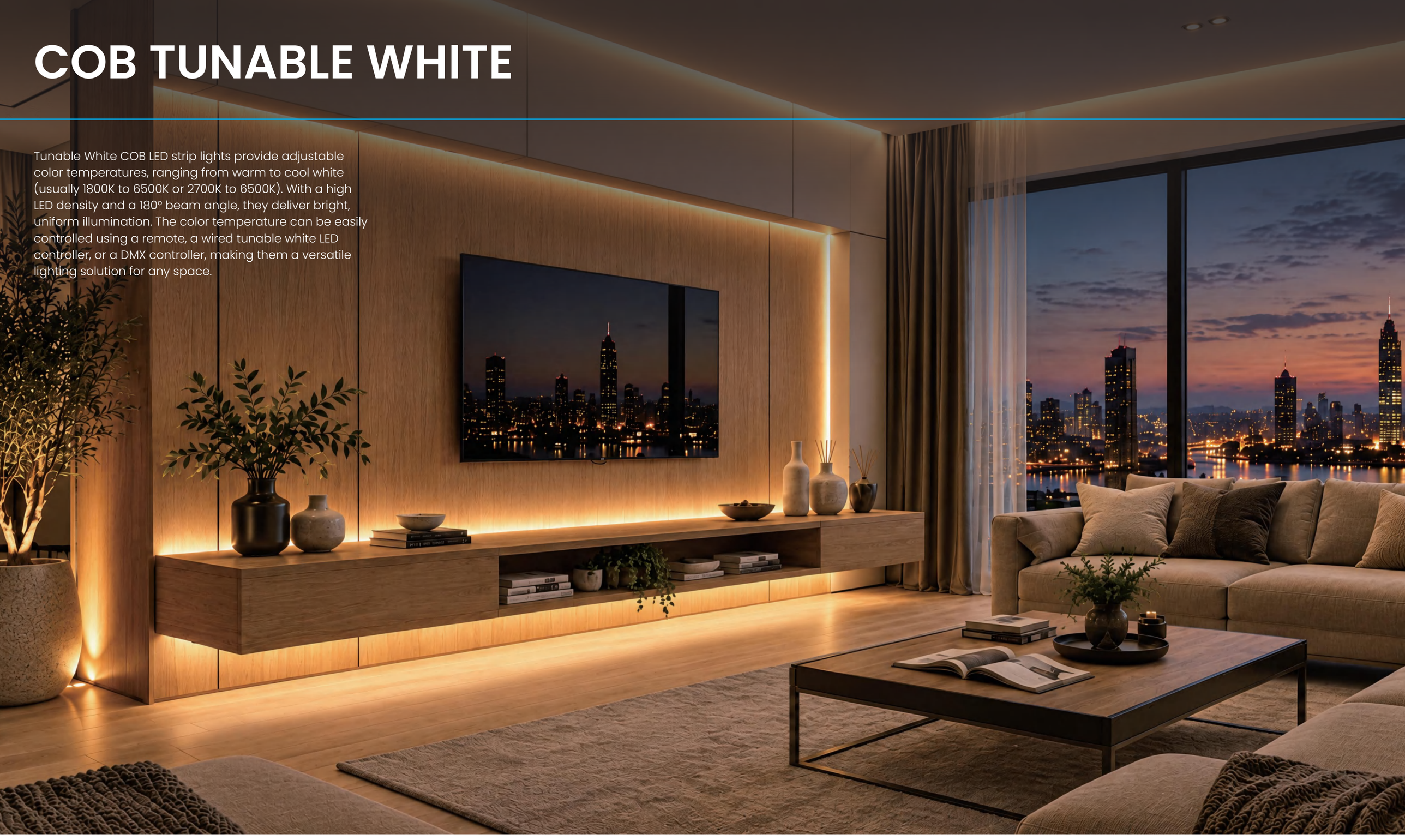
Effective Average Illuminance

Product Photometrics (The data base on 8mmPCB, IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±100	485.25	5	97.05
	3000K±150	561.65	5	112.33
	4000K±250	598.35	5	119.67
	6500K±300	608.10	5	121.62
	2700K±100	1015.10	10	101.51
	3000K±150	1075.50	10	107.55
	4000K±250	1114.70	10	111.47
	6500K±300	1211.30	10	121.13
	2700K±100	1461.45	15	97.43
	3000K±150	1498.50	15	99.9
	4000K±250	1692.60	15	112.84
	6500K±300	1769.10	15	117.94

COB TUNABLE WHITE

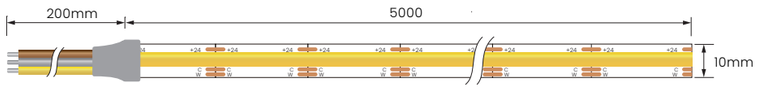
Tunable White COB LED strip lights provide adjustable color temperatures, ranging from warm to cool white (usually 1800K to 6500K or 2700K to 6500K). With a high LED density and a 180° beam angle, they deliver bright, uniform illumination. The color temperature can be easily controlled using a remote, a wired tunable white LED controller, or a DMX controller, making them a versatile lighting solution for any space.

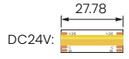


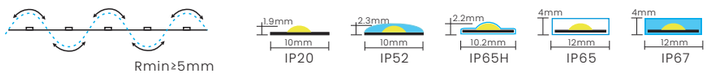
TUNABLE WHITE 576Chips/m 10mm



Dimensions & Waterproof(Unit: mm)







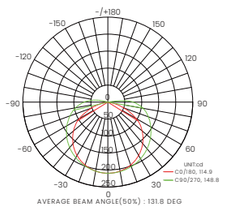
Product Specification

Power(W)	15W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

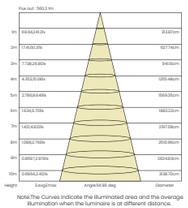
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	652	7.5	86.93
	6000K	787	7.5	104.93
	2700K+6000K	1440	15	96

Illuminance Distribution



Light Distribution Curve
(24V, 15W, 2700K+6000K)

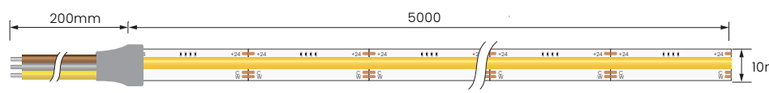


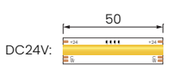
Effective Average Illuminance

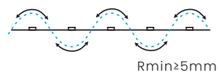
TUNABLE WHITE 640Chips/m 10mm



Dimensions & Waterproof(Unit: mm)







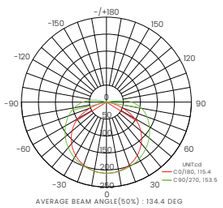
Product Specification

Power(W)	15W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

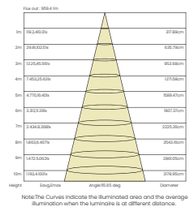
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	690	7.5	92
	6500K	840	7.5	112
	2700K+6500K	1530	15	102

Illuminance Distribution



Light Distribution Curve
(24V, 15W, 2700K+6500K)

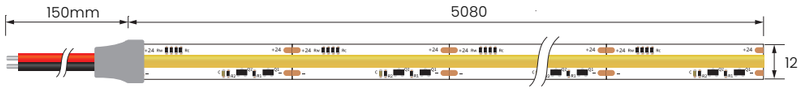


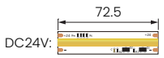
Effective Average Illuminance

DIM TO WARM 588Chips/m 12mm

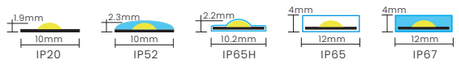


Dimensions & Waterproof(Unit: mm)






Rmin≥5mm



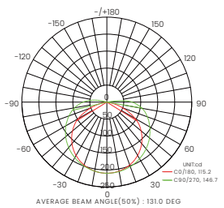
Product Specification

Power(W)	15W
Voltage(V)	DC24V
Max.run length(M)	5.08m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

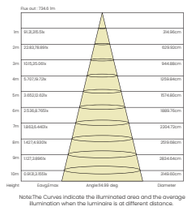
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m
>90	1800K-3000K	0-1155	15

Illuminance Distribution



Light Distribution Curve
(24V, 15W, 1800K+3000K)



Effective Average Illuminance

COB RGBX

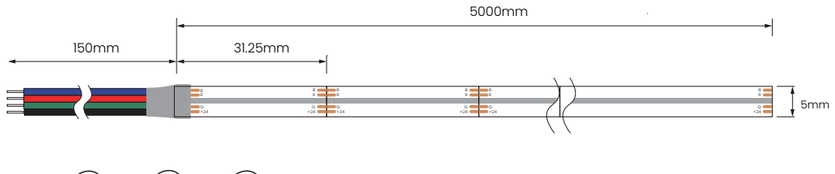
RGBX COB LED strips offer versatile color-changing with 3, 4, or 5 channels, compatible with lighting control systems or standalone controllers. Ideal for homes, exhibitions, entertainment areas, and festive decor, they feature high LED density and a 180° beam angle for bright, uniform illumination. The RGBX series includes RGB, RGBW, and RGBTW options for dynamic lighting effects.

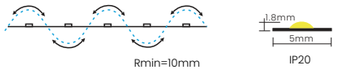


RGB COB 576Chips/m 5mm



Dimensions & Waterproof(Unit: mm)





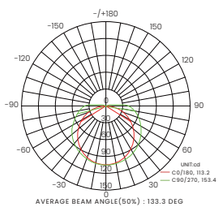
Product Specification

Power(W)	10W
Voltage(V)	DC24V
Max.run length(M)	4m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-30°C~+80°C

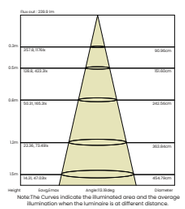
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
--	R	60.8	3.8	16
	G	276.5	3.5	79
	B	38.5	3.5	11
	RGB	350	10	35

Illuminance Distribution



Light Distribution Curve
(24V, 10W, RGB)

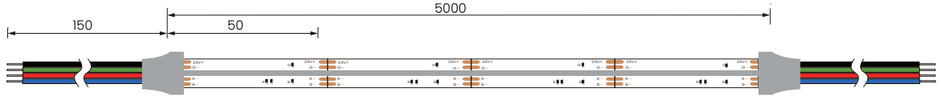


Effective Average Illuminance

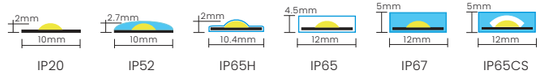
RGB COB 840Chips/m 10mm



Dimensions & Waterproof(Unit: mm)







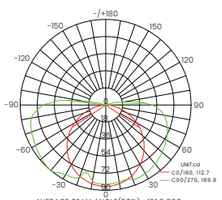
Product Specification

Power(W)	14W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-30°C~+80°C

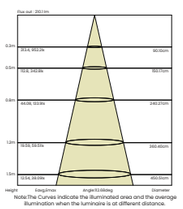
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
--	R	133	7	19
	G	279	4	70
	B	52	3	17
	RGB	462	14	33

Illuminance Distribution



Light Distribution Curve
(24V, 14W, RGB)

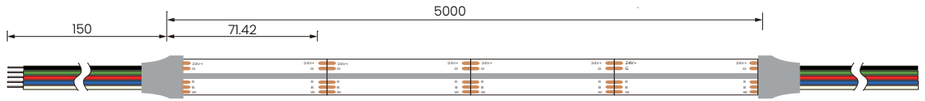


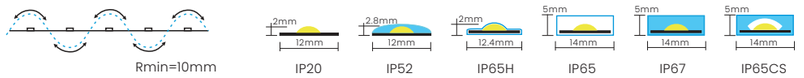
Effective Average Illuminance

RGBW COB 784Chips/m 12mm



Dimensions & Waterproof(Unit: mm)





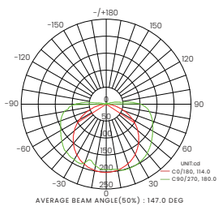
Product Specification

Power(W)	13.5W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-30°C~+80°C

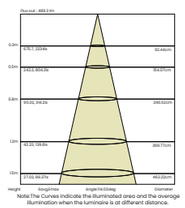
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
--	R	144	6	24
	G	378	3	126
	B	86	4.5	19
≥90	4000K	429	5.5	78
	RGBW	594	13.5	44

Illuminance Distribution

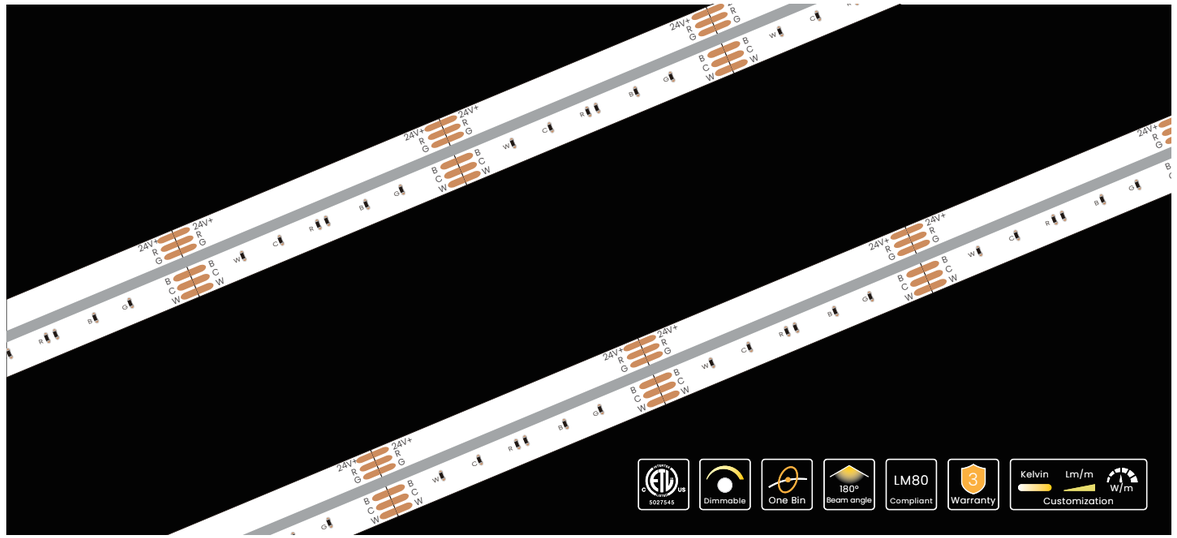


Light Distribution Curve
(24V, 14.5W, RGBW)

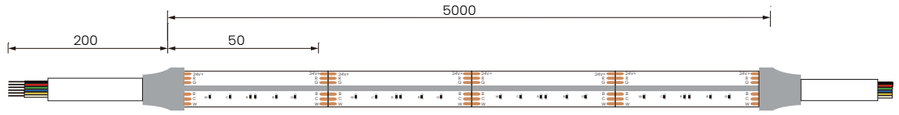


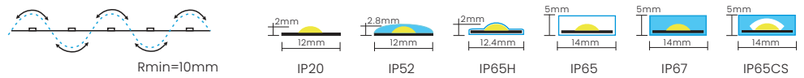
Effective Average Illuminance

RGBTW COB 840Chips/m 12mm



Dimensions & Waterproof(Unit: mm)





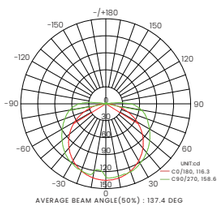
Product Specification

Power(W)	10W/8W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-30°C~+80°C

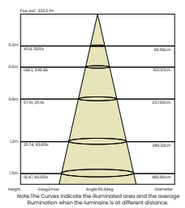
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
--	R	122	4	30.6
	G	335	3	111.8
	B	58.8	3	19.6
	RGB	535	10	53.5
≥90	2700K	322	4	80.5
	6500K	347.6	4	86.9
	TW	664	8	83

Illuminance Distribution



Light Distribution Curve
(24V, 10W, RGB)



Effective Average Illuminance

COB PIXEL

Pixel COB LED strips, also known as digital, programmable, chasing, magic, or dream color COB LED strips, feature control ICs that allow precise control of individual LEDs or groups of LEDs. This addressable capability lets you create dynamic lighting effects on specific sections of the strip. With high LED density and a 180° beam angle, they deliver bright, uniform illumination.





COB PIXEL SERIES

COB Pixel LED strips pair the dot-free light of COB technology with pixel-level control: every small section of light can be controlled on its own, creating chasing, flowing, and full-color effects. It can only be trimmed at the cut points marked on the strip, so each section stays complete.

Designed for media facades, signage, stage sets, and immersive interiors, they synchronize multi-zone effects for dynamic accent and scene-setting illumination.

The dense COB light source keeps the surface smooth and even, and the slim, flexible strip fits neatly into channels, coves, display shelves, and curved architectural details.



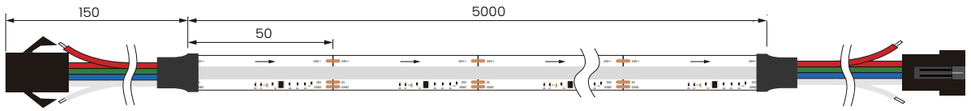
PRODUCT PARAMETER

Model	Chips/m	PCB Width (mm)	Voltage (Vdc)	Power (w/m)	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY360-ICOBW30-W24-WS2811-10MM	360	10	24v	11.5	610	53	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY576-ICOBRGB-W24-WS2811-10MM	576	10	24v	16	505(SPI RGB)	31(SPI RGB)	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY720-ICOBRGB-W24-WS2818-12MM	720	12	24v	22	673(SPI RGB)	30.6(SPI RGB)	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY784-ICOBRGBW-W24-WS2814-10MM	784	10	24v	21	840(SPI RGBW)	40(SPI RGBW)	IP20/IP52/IP65/IP65H/ IP67/IP65CS

PIXEL COB 720Chips/m 12mm



Dimensions & Waterproof(Unit: mm)





Rmin=10mm



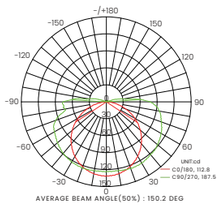
Product Specification

Power(W)	22W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-30°C~+80°C

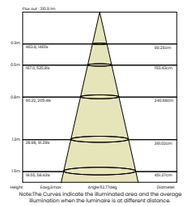
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
--	R	131	8	16.37
	G	476	8	59.6
	B	78	8	9.8
	RGB	673	22	30.6

Illuminance Distribution



Light Distribution Curve
(24V, 22W, RGB)

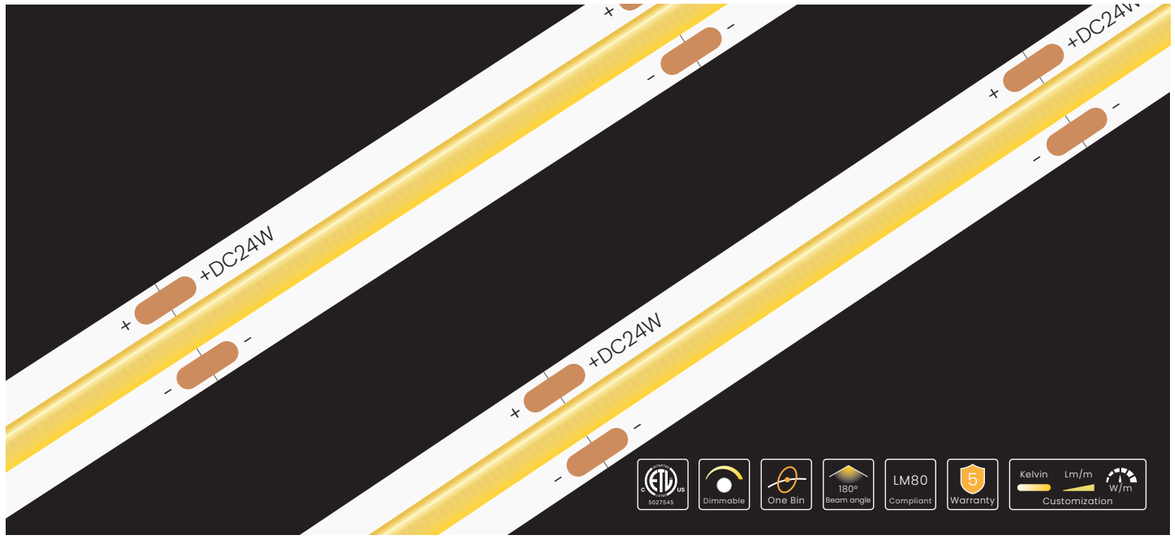


Effective Average Illuminance

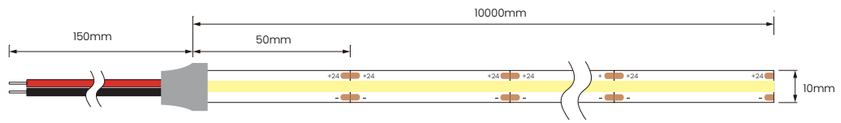
COB ULTRA LONG

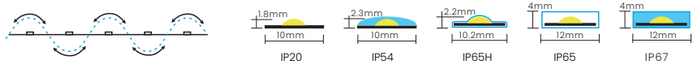
Ultra Long COB LED strips operate at 24-48V and offer lengths ranging from 10m to 30m for continuous lighting. They feature high LED density and a 180° beam angle, ensuring bright, uniform illumination throughout the entire run.

ULTRA LONG COB 10M 560Chips/m 10mm



Dimensions & Waterproof(Unit: mm)





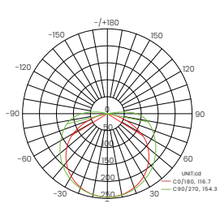
Product Specification

Power(W)	5W/10W
Voltage(V)	DC24V
Max.run length(M)	15m/10m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

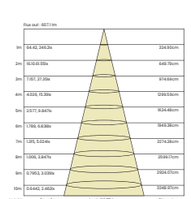
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	440	5	88
	3000K	490	5	98
	4000K	545	5	102
	6500K	530	5	106
	2700K	880	10	88
	3000K	980	10	98
	4000K	1090	10	102
	6500K	1060	10	106

Illuminance Distribution

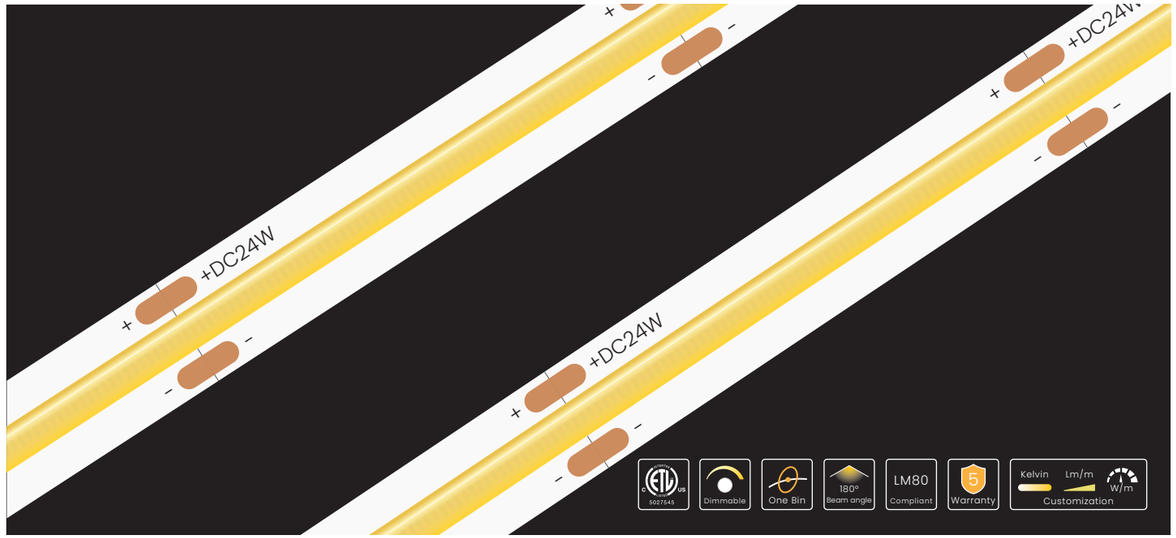


Light Distribution Curve
(24V, 10W, 4000K)

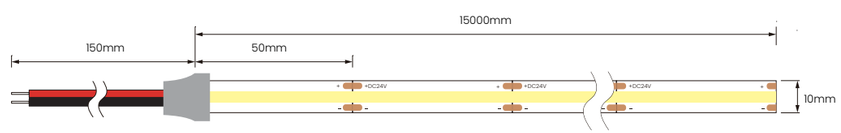


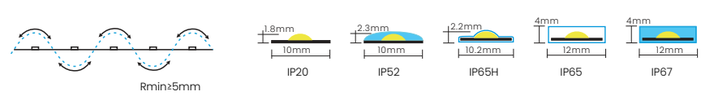
Effective Average Illuminance

ULTRA LONG COB 15M 480Chips/m 10mm



Dimensions & Waterproof(Unit: mm)





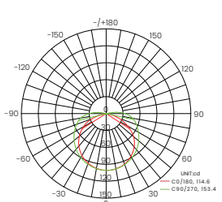
Product Specification

Power(W)	10W
Voltage(V)	DC24V
Max.run length(M)	15m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

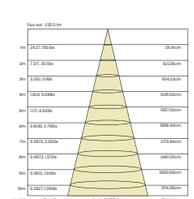
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	810	10	61
	3000K	870	10	69
	4000K	910	10	75
	6500K	870	10	75

Illuminance Distribution

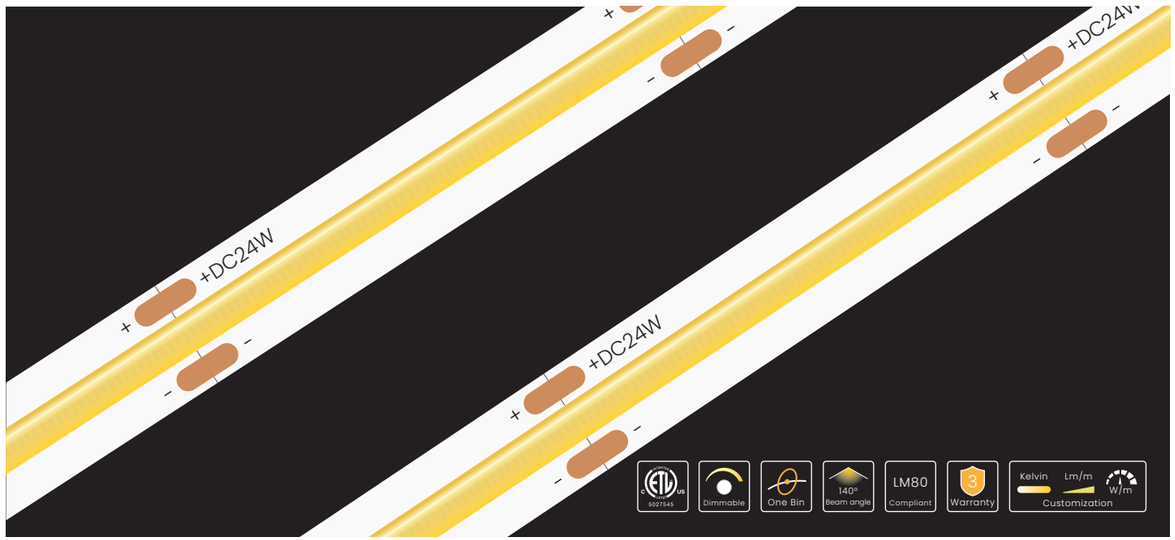


Light Distribution Curve
(24V, 10W, 3000K)

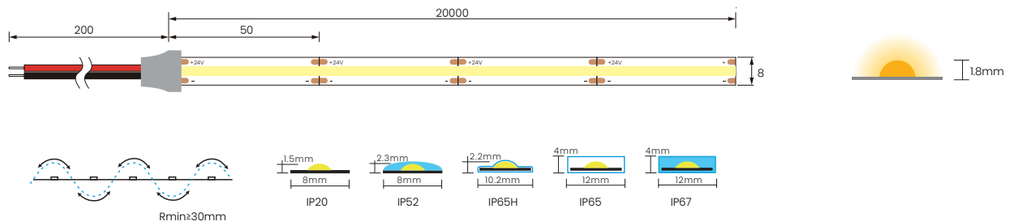


Effective Average Illuminance

ULTRA LONG COB 20M 480Chips/m 8mm



Dimensions & Waterproof(Unit: mm)



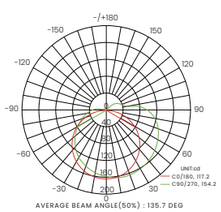
Product Specification

Power(W)	7.5W
Voltage(V)	DC24V
Max.run length(M)	20m
Ambient Temperature	-20°C~+40°C
Storage Temperature	-20°C~+45°C

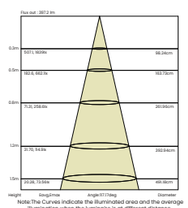
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	3000K	675	7.5	90
	4000K	682	7.5	90.9
	6500K	682	7.5	90.9

Illuminance Distribution



Light Distribution Curve
(24V, 8W, 6000K)

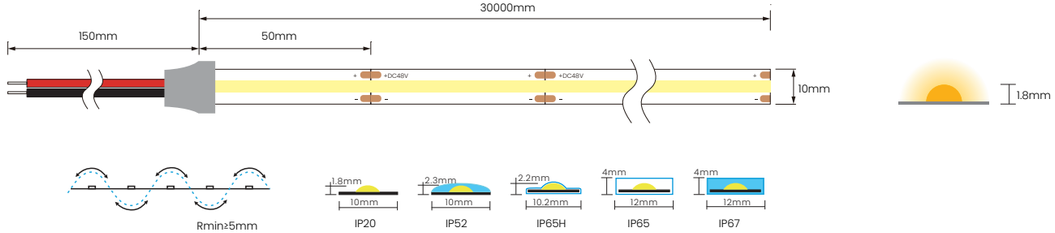


Effective Average Illuminance

ULTRA LONG COB 30M 480Chips/m 10mm



Dimensions & Waterproof(Unit: mm)



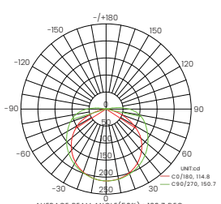
Product Specification

Power(W)	10W
Voltage(V)	DC48V
Max.run length(M)	30m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-20°C~+45°C

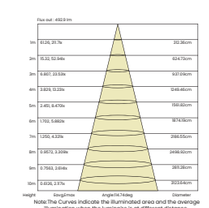
Product Photometrics (The data base on IP20 48V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	810	10	81
	3000K	870	10	87
	4000K	910	10	91
	6500K	870	10	87

Illuminance Distribution



Light Distribution Curve
(24V, 10W, 3000K)



Effective Average Illuminance

COB RTR

RTR COB LED strips use the Reel-to-Reel (RTR) process to achieve continuous lengths up to 25 meters with minimal solder points, reducing breakage risk and enhancing durability. This method ensures precise sizing, high production efficiency, and cost-effectiveness. Featuring high LED density and a 180° beam angle, these strips deliver bright, uniform lighting.





COB RTR SERIES

COB RTR LED Strip combines the smooth, continuous light of COB technology with Reel-to-Reel (RTR) manufacturing. Each reel uses a single flexible PCB extending uninterrupted for 5 or 15 meters, depending on the model, with no soldered joints between PCB sections.

This continuous construction removes potential weak points at PCB splices, while the high-density COB design delivers a smooth luminous surface with reduced visible spotting.

Designed for hospitality, retail displays, cabinetry, and architectural lighting, its slim, flexible format fits neatly into channels, coves, and curved details, providing refined accent and ambient illumination.

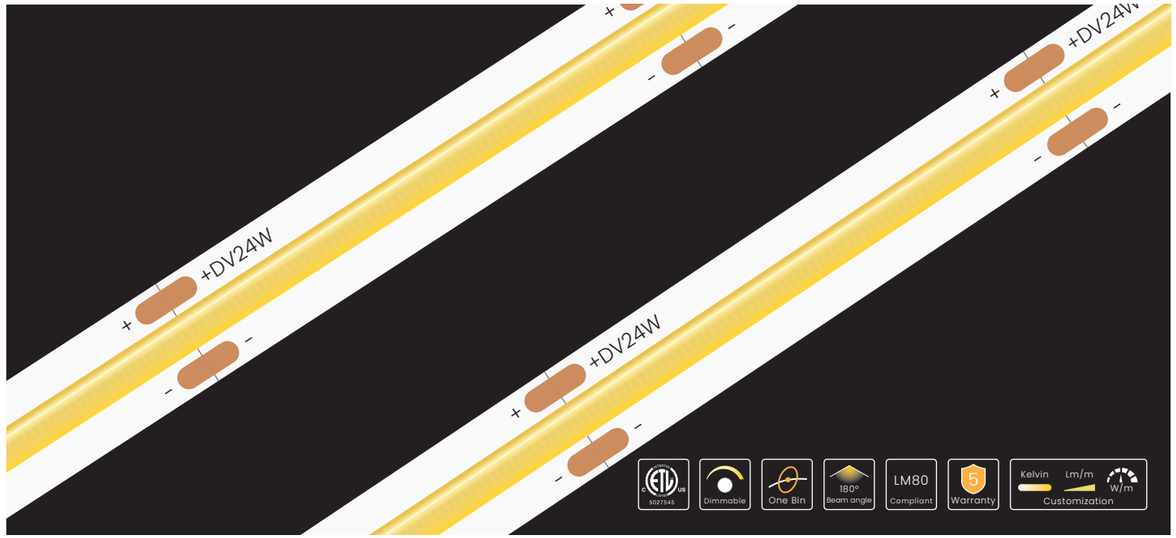


PRODUCT PARAMETER

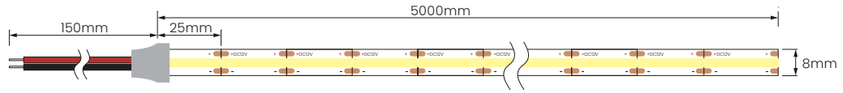
Model	Chips/m	PCB Width (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY480-HRCOBW30-W24-8MM	480	8	24v	11	>90	1485	135	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY528-RCOBW30-W24-8MM-FC	528	8	24v	13	>90	936	72	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY320-RCOBW30-W24-8MM	320	8	12v/24v	8	>90	840	105	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY480-RCOBW30-W24-8MM	480	8	12v/24v	10.5	>90	968	92.2	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY528-RCOBW30-W24-10MM	528	10	12v/24v	14	>90	1386	99	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY400-RCOBW30-W24-3MM	400	3	24v	7	>90	672	96	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY400-RCOBW30-W24-4MM	400	4	24v	7	>90	595	85	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY400-RCOBW30-W24-5MM	400	5	12v/24v	10	>90	900	90	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY576-RCOBTW-W24-8MM	576	8	24v	10	>90	670(TW)	67(TW)	IP20/IP52/IP65/IP65H/ IP67/IP65CS
LY576-RCOBRGB-W24-10MM	576	10	24v	14	N/A	420(RGB)	30(RGB)	IP20/IP52/IP65/IP65H/ IP67/IP65CS

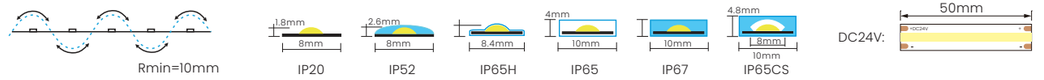
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

RTR COB 480Chips/m 8mm



Dimensions & Waterproof(Unit: mm)





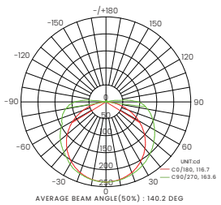
Product Specification

Power(W)	10.5W
Voltage(V)	DC12V/DC24V
Max.run length(M)	4m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

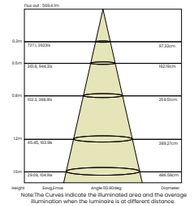
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	1001	10.5	95.3
	3000K	968	10.5	92.2
	4000K	1009	10.5	96.1
	6500K	1106	10.5	105.3

Illuminance Distribution



Light Distribution Curve
(24V, 10.5W, 3000K)



Effective Average Illuminance

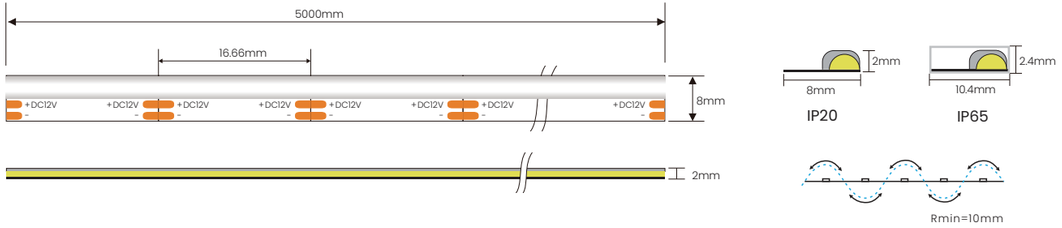
COB SIDE EMITTING

Side Emitting COB LED strips feature specially designed diodes that emit light sideways, making them perfect for signage, lettering, and edge highlighting. These strips offer high LED density for bright, uniform illumination.

SIDE EMITTING COB 480Chips/m 8mm



Dimensions & Waterproof(Unit: mm)



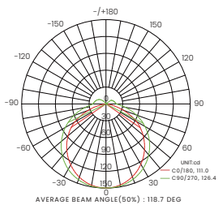
Product Specification

Power(W)	10W
Voltage(V)	DC12V
Max.run length(M)	1m
Ambient Temperature	-20°C~+45°C
Storage Temperature	-25°C~+60°C

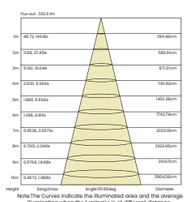
Product Photometrics (The data base on IP20 12V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	500	10	50
	3000K	550	10	55
	4000K	600	10	60
	6500K	650	10	65
>80	2700K	600	10	60
	3000K	650	10	65
	4000K	700	10	70
	6500K	750	10	75

Illuminance Distribution



Light Distribution Curve

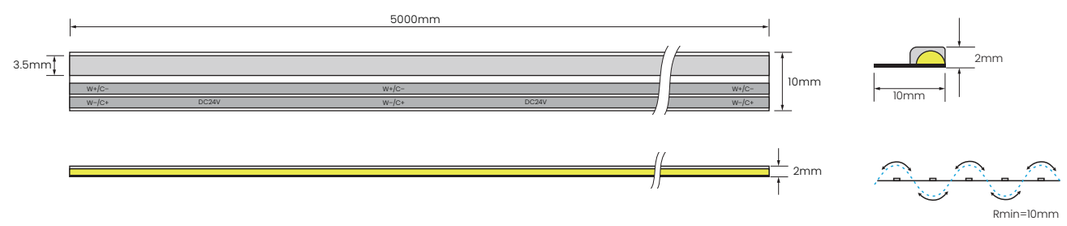


Effective Average Illuminance

SIDE EMITTING COB 576Chips/m 10mm



Dimensions & Waterproof(Unit: mm)



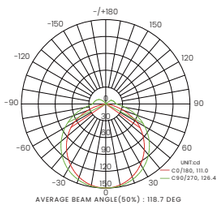
Product Specification

Power(W)	8+8W
Voltage(V)	DC24V
Max.run length(M)	7m
Ambient Temperature	-20°C~+40°C
Storage Temperature	-25°C~+60°C

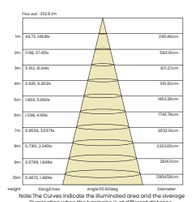
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	240	8	30
	6500K	280	8	35
>80	2700K	280	8	35
	6500K	320	8	40

Illuminance Distribution



Light Distribution Curve
(24V, 8W, 2700K+6500K)

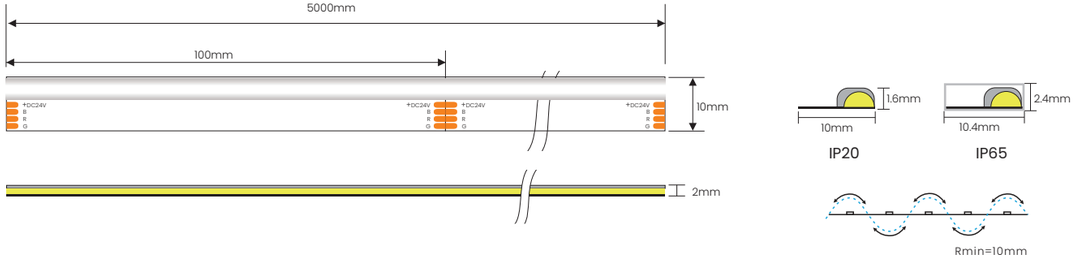


Effective Average Illuminance

SIDE EMITTING COB RGB 630Chips/m 10mm



Dimensions & Waterproof(Unit: mm)



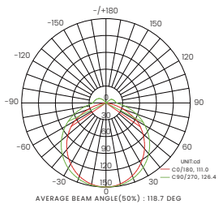
Product Specification

Power(W)	9W
Voltage(V)	DC24V
Max.run length(M)	8m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

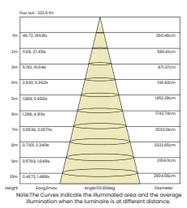
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
--	R	40	4	10
	G	125	2.5	50
	B	15	2.5	6
	RGB	180	9	20

Illuminance Distribution



Light Distribution Curve
(24V, 9W, RGB)

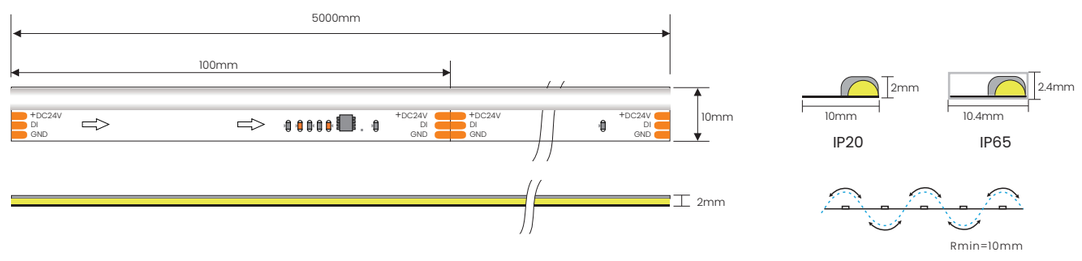


Effective Average Illuminance

SIDE EMITTING COB SPI RGB 630Chips/m 10mm



Dimensions & Waterproof(Unit: mm)



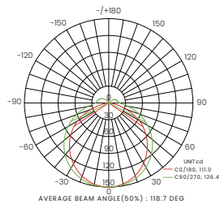
Product Specification

Power(W)	11W
Voltage(V)	DC24V
Max.run length(M)	9m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

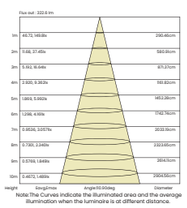
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
--	R	36	4	9
	G	160	4	40
	B	20	4	5
	RGB	220	11	20

Illuminance Distribution



Light Distribution Curve
(24V, 11W, RGB)



Effective Average Illuminance

DOB

DOB combines the smooth, dot-free glow of COB with the flexibility of SMD design.
It delivers uniform 180° illumination with high efficiency and CRI 90+, while offering better heat dissipation, stronger bending resistance, and longer lifespan. With IP20–IP65 options, DOB adapts to diverse indoor and semi-outdoor applications, making it the smart upgrade from traditional COB strips.



DOB SERIES

DOB combines the smooth, dot-free glow of COB with the flexibility of SMD design. It delivers uniform 180° illumination with high efficiency and CRI 90+, while offering better heat dissipation, stronger bending resistance, and longer lifespan. With IP20-IP65 options, DOB adapts to diverse indoor and semi-outdoor applications, making it the smart upgrade from traditional COB strips.



PRODUCT PARAMETER

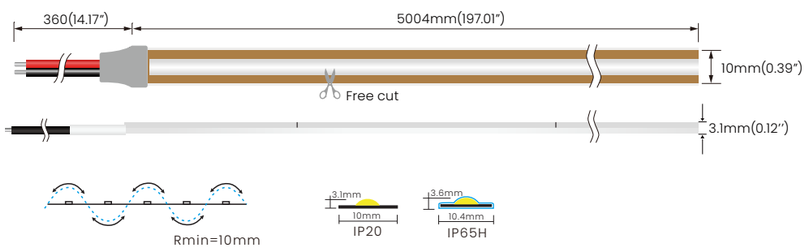
Model	Chips/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	CCT(K) &Color	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY288-DOBW30-W24-FC	288	10	Free cut	24V	10	>90	2700/3000/ 4000/6000	1215(10w)	121.5(10w)	IP20/IP65H
LY288-DOBW30-W24	288	10	27.77	24V	15	>90	2700/3000/ 4000/6500	2145(15w)	143(15w)	IP20/IP65H
LY400-DOBW30-W24-FC	400	5	Free cut	24V	10	>90	2700/3000/ 4000/6500	810	81	IP20/IP65H

Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

DOB FREE CUT 288Chips/m 10mm



Dimensions & Waterproof(Unit: mm)



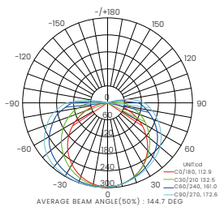
Product Specification

Power(W)	10W
Voltage(V)	DC24V
Max.run length(M)	5m
Working Temperature	-20°C~+50°C
Storage Temperature	-30°C~+80°C

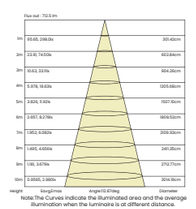
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	1205	10	120.5
	3000K	1215	10	121.5
	4000K	1245	10	124.5
	6000K	1245	10	124.5

Illuminance Distribution



Light Distribution Curve
(24V, 10W, 2700K)

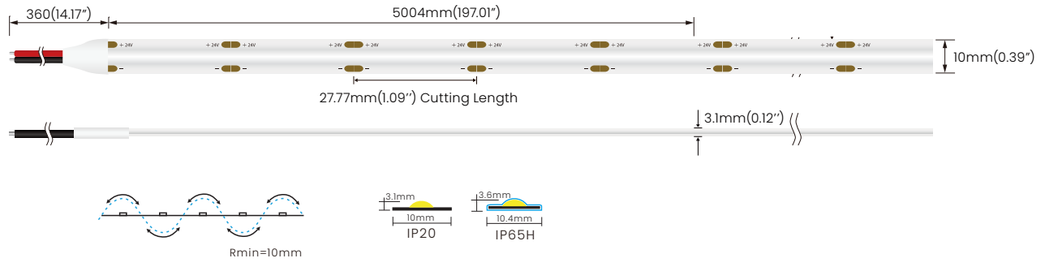


Effective Average Illuminance

DOB HIGH EFFICIENCY 288Chips/m 10mm



Dimensions & Waterproof(Unit: mm)



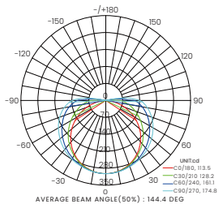
Product Specification

Power(W)	15W
Voltage(V)	DC24V
Max.run length(M)	5m
Working Temperature	-20℃~+50℃
Storage Temperature	-30℃~+80℃

Product Photometrics (The data base on IP20)

CRI	CCT	lm/m	w/m	lm/w
>90	2700k	2100	15	140
	3000k	2145	15	143
	4000k	2325	15	155
	6500k	2325	15	155

Illuminance Distribution



Light Distribution Curve
(24V, 10W, 2700K)



Effective Average Illuminance

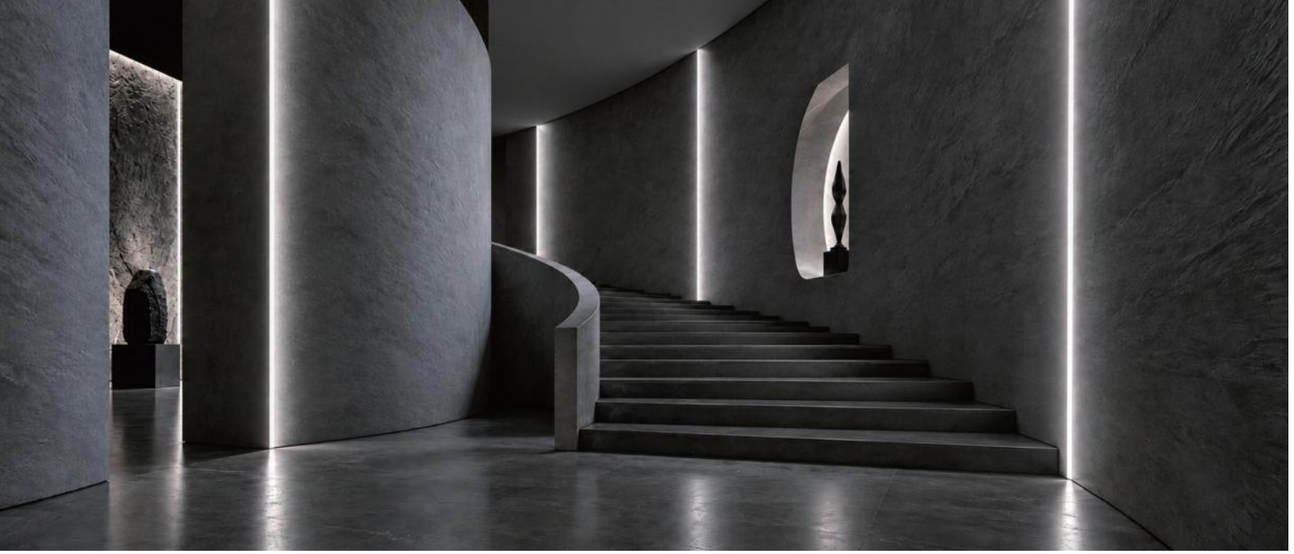


SMD SINGLE COLOR

Single color LED strip lights, also known as monochrome LED strip light strips, produce an energy-efficient, appealing, and long-lasting solution for under-cabinet lighting, patio/deck lighting, accent lighting, and more.

- High color consistency, 3 step Macadam
- High CRI, Ra>90
- 1800K ~ 6000K and other custom CCT available
- Red/Green/Blue/Yellow/Amber/Pink/UV available
- LM80 compatible, more than 50000 hours lifespan
- 2mm ~ 30mm PCB width available
- Different LED density from 30LEDs/m to 700LEDs/m
- Different power consumption from 2.4w/m to 30w/m
- IP20/IP52/IP65/IP67/IP68 available





2010SMD SERIES

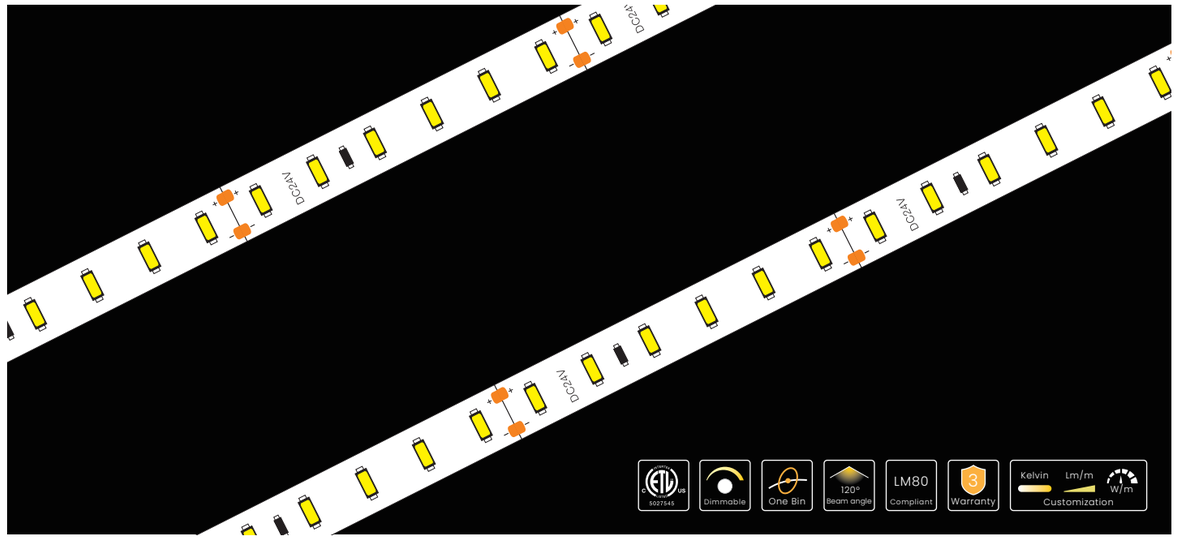
The 2010 SMD series, a high-density range, features an exceptional LED distribution from 60 LEDs/m to a 720 LEDs/m,with widths of 4, 8, or 10 mm. This compact design perfectly complements various profiles. It is widely used in high-end spaces, such as premium retail stores, exclusive hotels, museums, and galleries, underscoring its mark of distinction and quality.



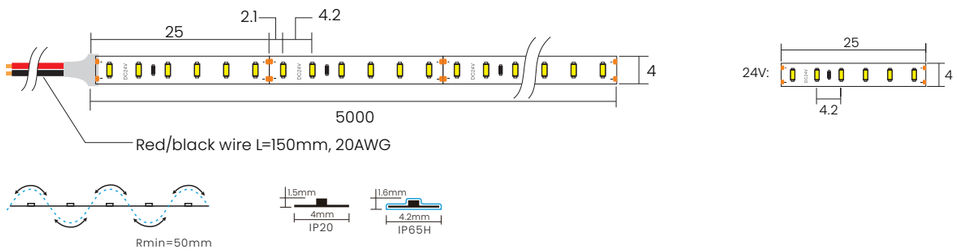
PRODUCT PARAMETER

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY60-S2010W30-Wx	60	8	50mm@12v 100mm@24v	12v/24v	4.8	>90	369	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2010W30-Wx	120	8	25mm@12v 50mm@24v	12v/24v	9.6	>90	739	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S2010W30-Wx	240	4	25mm@24v	24v	10	>90	810	81	IP20/IP65H
LY240-S2010W30-Wx	240	10	25mm@24v	24v	19.2	>90	1478	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY280-S2010W30-Wx	280	10	25mm@24v	24v	19.2	>90	1747	91	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY300-S2010W30-Wx	300	10	20mm@24v	24v	20	>90	1580	79	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY420-S2010W30-Wx	420	10	16.67mm@24v	24v	20	>90	1344	67.2	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY560-S2010W30-Wx	560	10	12.5mm@24v	24v	20	>90	1900	95	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY700-S2010W30-Wx	700	10	10mm@24v	24v	20	>90	1920	96	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY720-S2010W30-Wx	720	10	8.33mm@24v	24v	20	>90	1610	80.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY720-S2010W30-Wx	720	8	8.33mm@24v	24v	20	>90	1610	80.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

SINGLE COLOR 2010 240LEDs 4mm



Dimensions & Waterproof(Unit: mm)



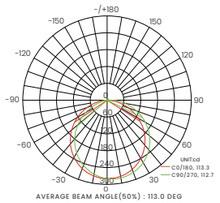
Product Specification

Power(W)	10Watt/meter
Voltage(V)	DC24V
Copper foil	2 oz
Ambient Temperature	-25℃~+45℃
Storage Temperature	-25℃~+60℃

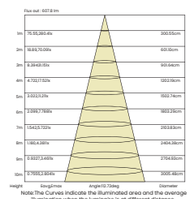
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700±100	816.00	10	81.60
	3000±100	810.00	10	91.20
	4000±200	888.00	10	88.80
	6000±300	984.00	10	98.40

Illuminance Distribution



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance



2216SMD SERIES

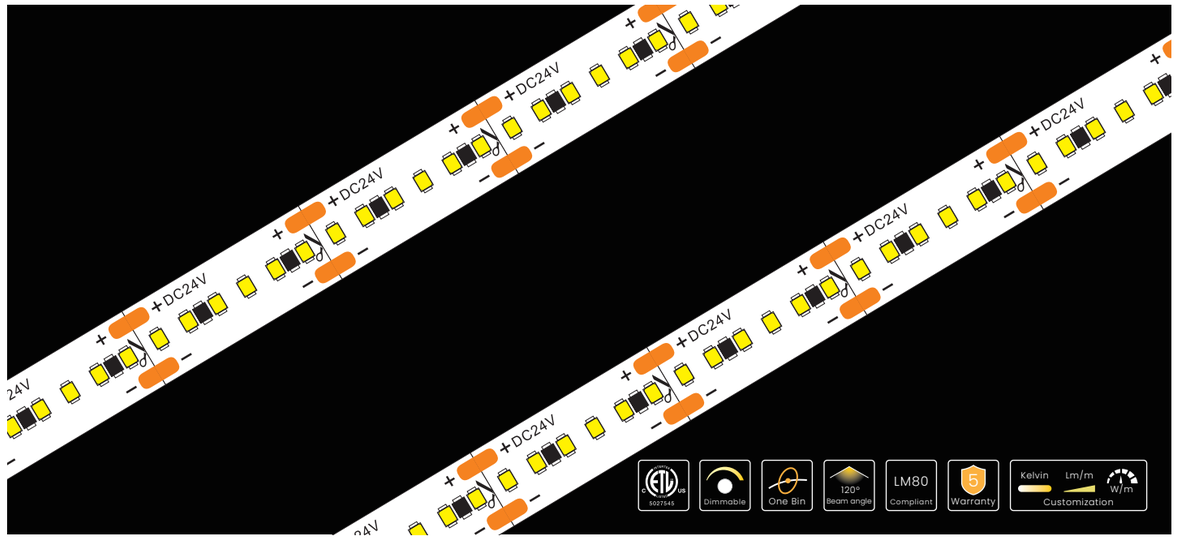
The 2216 SMD series signifies our high-stability strip, characterized by its robust LED frame, zero lighting dots, and super-dense LED distribution. With an ultra-slim thickness of just 1.2mm, it seamlessly aligns with various profiles. This series is primarily used in high-end environments such as premium retail stores, exclusive hotels, museums, and galleries, underlining its premium quality and superior performance.



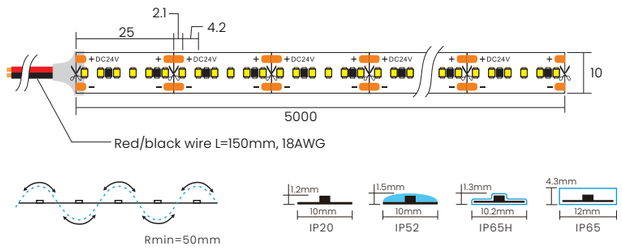
PRODUCT PARAMETER

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY120-S2216W30-Wx	120	10	50mm@24v	24v	9.6	>90	854	89	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY180-S2216W30-Wx	180	10	33.33mm@24v	24v	14.4	>90	1281	89	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S2216W30-Wx	240	5	25mm@24v	24v	10	>90	890	89	IP20/IP65/IP65H
LY240-S2216W30-Wx	240	10	25mm@24v	24v	19.2	>90	1591	83	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY300-S2216W30-Wx	300	10	20mm@24v	24v	20	>90	1800	90	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY420-S2216W30-Wx	420	10	14.28mm@24v	24v	24	>90	2038	85	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

SINGLE COLOR 2216 240LEDs 10mm



Dimensions & Waterproof(Unit: mm)



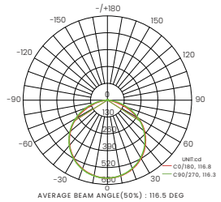
Product Specification

Power(W)	19.2Watt/meter
Voltage(V)	DC24V
Copper foil	2 oz
Ambient Temperature	-25℃~+45℃
Storage Temperature	-25℃~+60℃

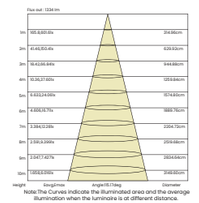
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700±100	1570.56	19.2	81.80
	3000±100	1591.10	19.2	82.87
	4000±200	1613.95	19.2	84.06
	6000±300	1648.90	19.2	85.88

Illuminance Distribution



Light Distribution Curve
(24V, 19.2W, 4000K)



Effective Average Illuminance



2835SMD SERIES

The 2835 SMD series is our LED strip with the most stable quality, extensively employed in demanding projects. With its high CRI, super brightness, and unmatched efficiency, this range promises superior quality and exceptional value.

Designed for basic yet powerful lighting needs, these strips deliver efficient brightness and elevate the user experience. Noteworthy for their stability and cost-effectiveness, they are a prevalent choice.

Frequently used in offices, homes, schools, hospitals, hotels, and markets, these strips can function standalone or complement other lighting systems. With their refined design and functional efficiency, they offer exceptional value and light up various spaces with precision and style.

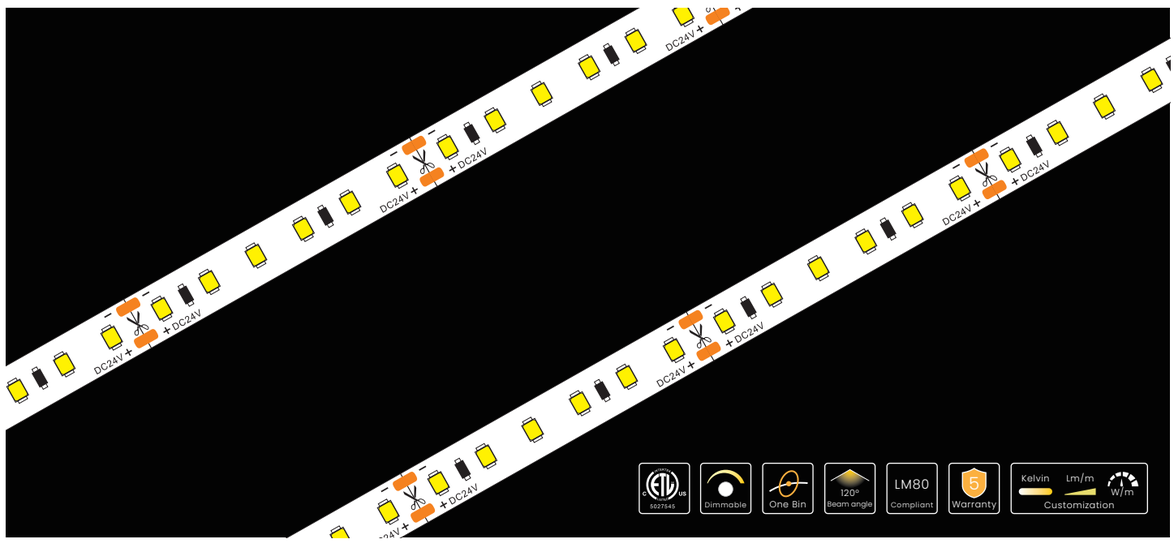


PRODUCT PARAMETER

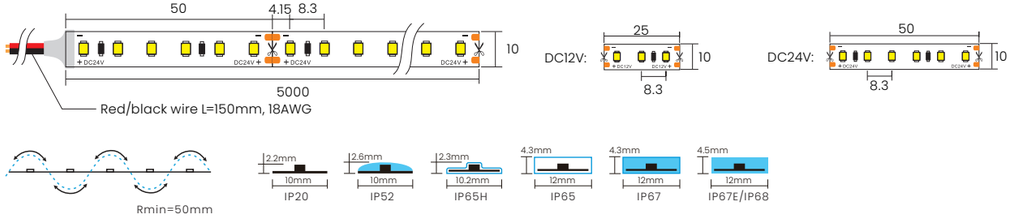
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY30-S2835W30-Wx	30	8	100mm@12v 166.67mm@24v	12v/24v	6	>90	504	*84*	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S2835W30-Wx	60	5	16.67mm@5v	5v	8	>90	600	*75*	IP20/IP65/IP65H
LY60-S2835W30-Wx	60	5	50mm@12v 100mm@24v	12v/24v	10	>90	890	*89*	IP20/IP65/IP65H
LY60-S2835W30-Wx	60	8	50mm@12v 100mm@24v	12v/24v	12	>90	1008	*84*	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S2835W30-Wx	60	10	50mm@12v 100mm@24v	12v/24v	12	>90	1060	*88.5*	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY70-S2835W30-Wx	70	10	100mm@24v	24v	12	>90	1176	*.5*	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY84-S2835W30-Wx	84	8	35.72mm@12v	12v	16.8	>90	1478	*87.9*	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY84-S2835W30-Wx	84	10	35.72mm@12v 71.43mm@24v	12v/24v	16.8	>90	1478	*87.9*	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY98-S2835W30-Wx	98	8	71.43mm@24v	24v	16.8	>90	1724	*102.5*	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-Wx	120	5	25mm@12v 50mm@24v	12v/24v	14.4	>90	1320	*91*	IP20/IP65/IP65H
LY120-S2835W30-Wx	120	6	25mm@12v 50mm@24v	12v/24v	16.8	>90	1536	*91.4*	IP20/IP65/IP65H
LY120-S2835W30-Wx	120	8	25mm@12v 50mm@24v	12v/24v	19.2	>90	1612	84	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-Wx	120	10	25mm@12v 50mm@24v	12v/24v	24	>90	1944	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY140-S2835W30-Wx HOT	140	5	50mm@24v	24v	14.4	>90	1540	106	IP20/IP65/IP65H
LY140-S2835W30-Wx	140	10	50mm@24v	24v	24	>90	2256	94	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY144-S2835W30-Wx	144	15	83.34mm@24v	24v	28.8	>90	2534	88	IP20/IP52/IP65/IP67
LY168-S2835W30-Wx	168	6	17.86mm@12v 35.72mm@24v	12v/24v	10	>90	940	94	IP20/IP65/IP65H
LY168-S2835W30-Wx	168	20	35.72mm@24v	24v	30	>90	2490	83	IP20/IP52/IP65/IP67
LY180-S2835W30-Wx	180	5	33.34mm@24v	24v	14.4	>90	1166	81	IP20/IP65/IP65H
LY180-S2835W30-Wx	180	8	33.34mm@24v	24v	14.4	>90	1166	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY180-S2835W30-Wx	180	10	33.34mm@24v	24v	24	>90	1944	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY182-S2835W30-Wx HOT	182	10	38.47mm@24v	24v	24	>90	2352	98	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY182-S2835W30-Wx	182	32	38.47mm@24v	24v	25	>90	2450	98	IP20
LY240-S2835W30-Wx	240	10	25mm@24v	24v	24	>90	2200	91.6	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-Wx	120	10	8.34mm@5v	5v	12	>90	930	77.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-Wx	120	10	8.34mm@12v	12v	14	>90	2450	98	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-Wx	120	10	8.34mm@24v	24v	19	>90	1750	97	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

SINGLE COLOR 2835 120LEDs 10mm



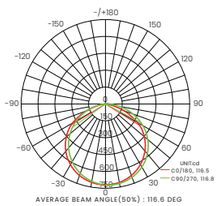
Dimensions & Waterproof(Unit: mm)



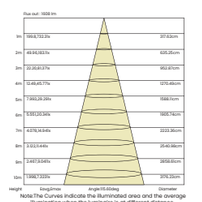
Product Specification

Power(W)	24Watt/meter
Voltage(V)	DC24V/DC12V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

Illuminance Distribution



Light Distribution Curve
(24V, 24W, 4000K)

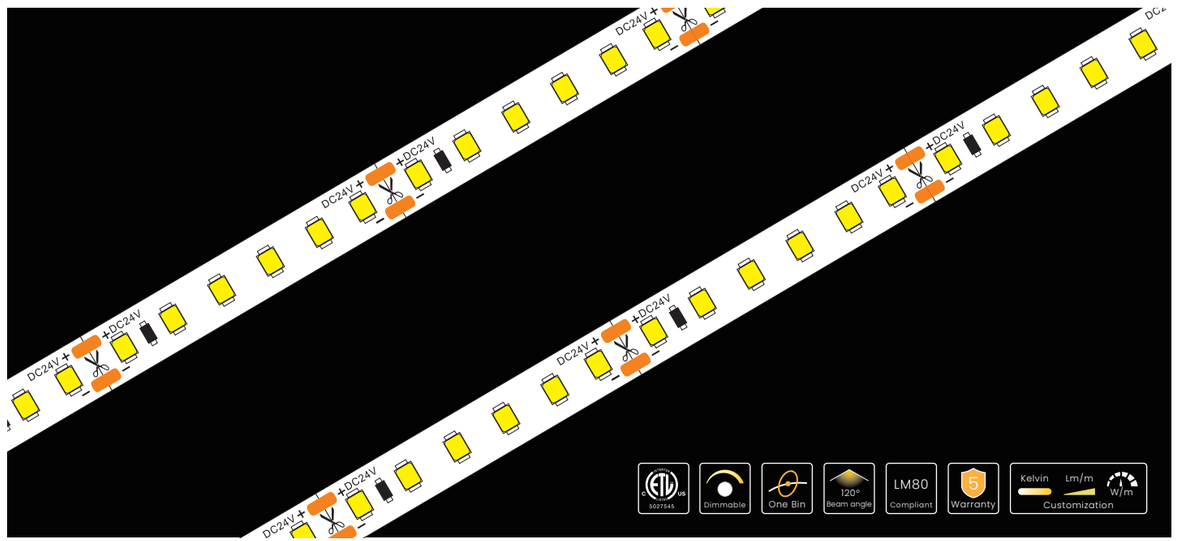


Effective Average Illuminance

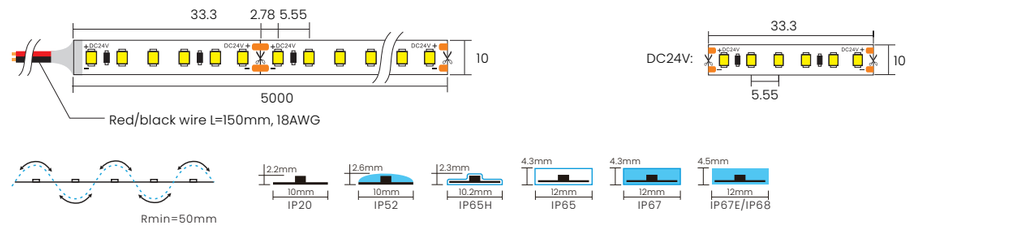
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2100±100	1658.16	24	69.09
	2400±100	1868.16	24	77.84
	2700±100	2135.52	24	88.98
	3000±100	2154.72	24	89.78
	4000±200	2349.12	24	97.88
	6000±300	2266.80	24	94.45
>80	2100±100	2340.17	24	97.51
	2400±100	2520.10	24	105.00
	2700±100	2640.07	24	110.00
	3000±100	2760.05	24	115.00
	4000±200	2820.07	24	117.50
	6000±300	2856.05	24	119.00

SINGLE COLOR 2835 180LEDs 10mm



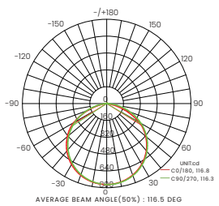
Dimensions & Waterproof(Unit: mm)



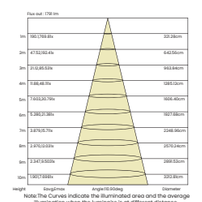
Product Specification

Power(W)	24Watt/meter
Voltage(V)	DC24V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

Illuminance Distribution



Light Distribution Curve
(24V, 24W, 4000K)



Effective Average Illuminance

Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2100±100	1716.07	24	71.50
	2400±100	1886.03	24	78.58
	2700±100	2080.01	24	86.67
	3000±100	2190.00	24	91.25
	4000±200	2328.05	24	97.00
	6000±300	2448.04	24	102.00
>80	2100±100	2388.04	24	99.50
	2400±100	2568.04	24	107.00
	2700±100	2695.01	24	112.29
	3000±100	2817.19	24	117.38
	4000±200	2880.03	24	120.00
	6000±300	2916.08	24	121.50



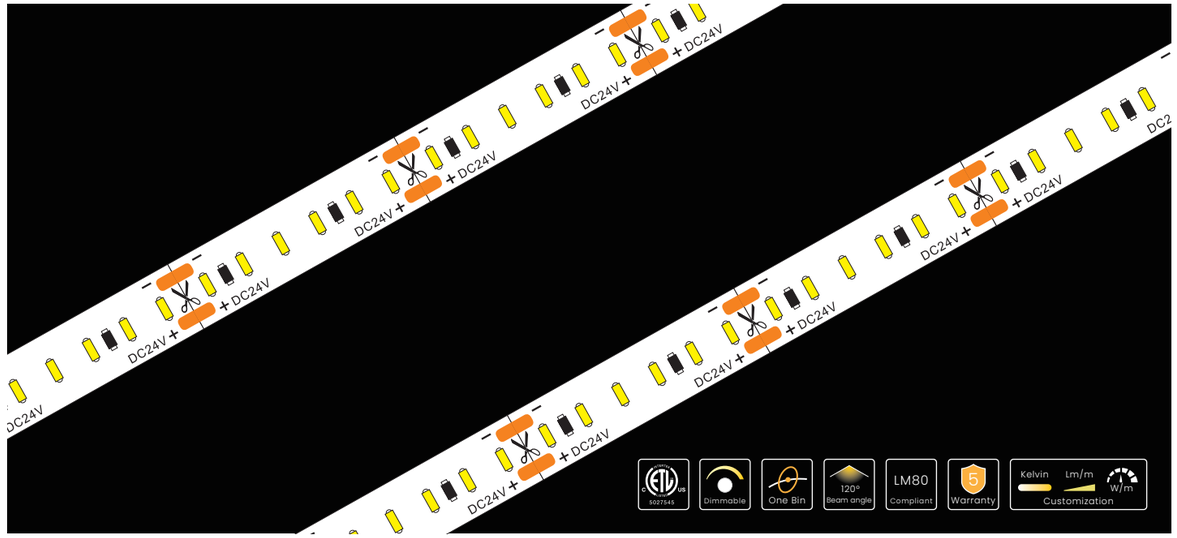
3014SMD SERIES

The 3014 SMD series is specifically designed for decorative lighting. It delivers stable performance, exceptional quality, and high cost-effectiveness, making it a standout choice for aesthetically enhancing spaces.

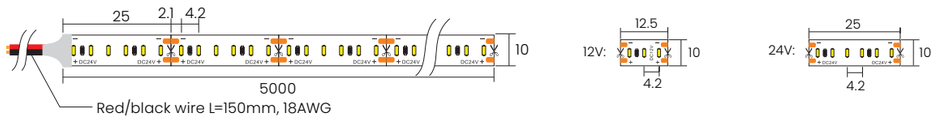
PRODUCT PARAMETER

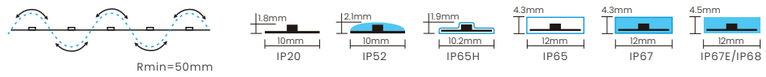
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY60-S3014W30-Wx	60	8	50mm@12v 100mm@24v	12v/24v	7.2	>90	640	89	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY70-S3014W30-Wx	70	8	100mm@24v	24v	7.2	>90	750	104	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S3014W30-Wx	120	5	25mm@12v 50mm@24v	12v/24v	12	>90	1080	90	IP20/IP65/IP65H
LY120-S3014W30-Wx	120	8	50mm@12v 100mm@24v	12v/24v	12	>90	1080	90	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY140-S3014W30-Wx	140	10	50mm@24v	24v	14.4	>90	1498	104	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY204-S3014W30-Wx	204	10	14.7mm@12v 29.4mm@24v	12v/24v	20.4	>90	1836	90	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S3014W30-Wx	240	10	12.5mm@12v 25mm@24v	12v/24v	24	>90	2160	90	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

SINGLE COLOR 3014 240LEDs 10mm



Dimensions & Waterproof(Unit: mm)

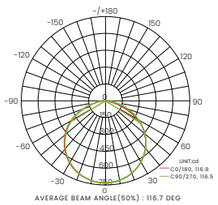




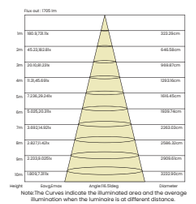
Product Specification

Power(W)	24Watt/meter
Voltage(V)	DC24V/DC12V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

Illuminance Distribution



Light Distribution Curve
(24V, 24W, 4000K)



Effective Average Illuminance

Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700±100	1949.28	24	81.22
	3000±100	1979.76	24	82.49
	4000±200	2112.00	24	88.00
	6000±300	2203.92	24	91.83
>80	2700±100	2560.04	24	106.67
	3000±100	2610.03	24	108.75
	4000±200	2640.09	24	110.00
	6000±300	2640.04	24	110.00

SMD TUNABLE WHITE

Tunable white LED strip light, adjustable color temperature LED strip, or CCT changeable LED tape lights are new types of lighting terms we hear more and more. All of these terms refer to a kind of LED strip light that can be adjusted to emit variable shades of white, usually in the range from 1800K to 6500K or from 2700K to 6500K color temperature(CCT). Adjusting white shades or changing color temperature is achieved through a remote or wired tunable white LED controller or DMX controller.

- High color consistency, 3 step Macadam
- High CRI, Ra>90
- 1800K ~ 6000K and other custom CCT available
- LM80 compatible, more than 50000 hours lifespan
- IP20/IP52/IP65/IP67/IP67E/IP68 available





TUNABLE WHITE SERIES

Tunable white LED strip light, adjustable color temperature LED strip, or CCT changeable LED tape lights are new types of lighting terms we hear more and more. All of these terms refer to a kind of LED strip light that can be adjusted to emit variable shades of white, usually in the range from 1800K to 6000K or from 2700K to 6000K color temperature(CCT). Adjusting white shades or changing color temperature is achieved through a remote or wired tunable white LED controller or DMX controller.



PRODUCT PARAMETER

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY60-S3528TW3060-Wx	60	10	50mm@12v 100mm@24v	12v/24v	9.6	>80	930	96	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S3528TW3060-Wx	120	10	25mm@12v 50mm@24v	12v/24v	19.2	>80	1870	96	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S3528TW3060-Wx	120	10	50mm@12v 100mm@24v	12v/24v	9.6	>90	796	83	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050TW3060-Wx	60	10	50mm@12v 100mm@24v	12v/24v	19.2	>80	1560	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050TW3060-Wx	60	10	100mm@12v 166.7mm@24v	12v/24v	14.4	>90	1340	93	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY224-S3014TW3060-Wx	224	10	62mm@24v	24v	23	>90	2200	94	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY112-S2835TW3060-Wx	112	10	125mm@24v	24v	19.2	>90	1930	99	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835TW3060-Wx HOT	120	10	50mm@12v 100mm@24v	12v/24v	24	>90	2240	93	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY160-S2835TW3060-Wx	160	10	100mm@24v	24v	21	>90	2880	137	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S2835TW3060-Wx	240	12	50mm@24v	24v	24	>90	2330	97	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY112-S5630TW3060-Wx	112	10	125mm@24v	24v	23	>90	2570	111	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

PRODUCT PARAMETER

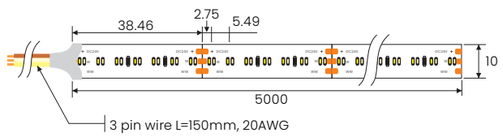
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY240-S2010TW1830-Wx	240	5	50mm@24v	24v	12	>95	1020	85	IP20/IP65/IP65H
LY364-S2010TW3065-Wx HOT	364	10	38.46mm@24v	24v	20	>95	2074	103.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835TW3060-Wx	120	10	16.7mm@5v @12v@24v	5v	12	>90	970	67.4	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835TW3060-Wx	120	10	16.7mm@5v @12v@24v	12v	14	>90	1440	102	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835TW3060-Wx	120	10	16.7mm@5v @12v@24v	24v	19	>90	1800	94.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

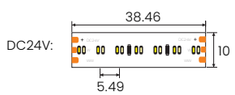
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

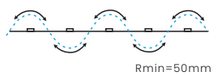
TUNABLE WHITE 2010 364LEDs 10mm

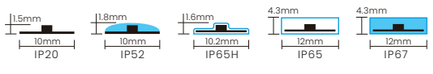


Dimensions & Waterproof(Unit: mm)









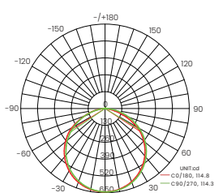
Product Specification

Power(W)	20Watt/meter
Voltage(V)	DC24V
Copper foil	2oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

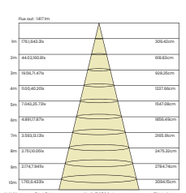
Product Photometrics (Data base on IP20 CRI>90)

CRI	CCT	lm/m	w/m	lm/w
>90	2700	947.9	10	94.79
	6000	1108.3	10	110.83
	2700+6000	2056	20	102.8

Illuminance Distribution

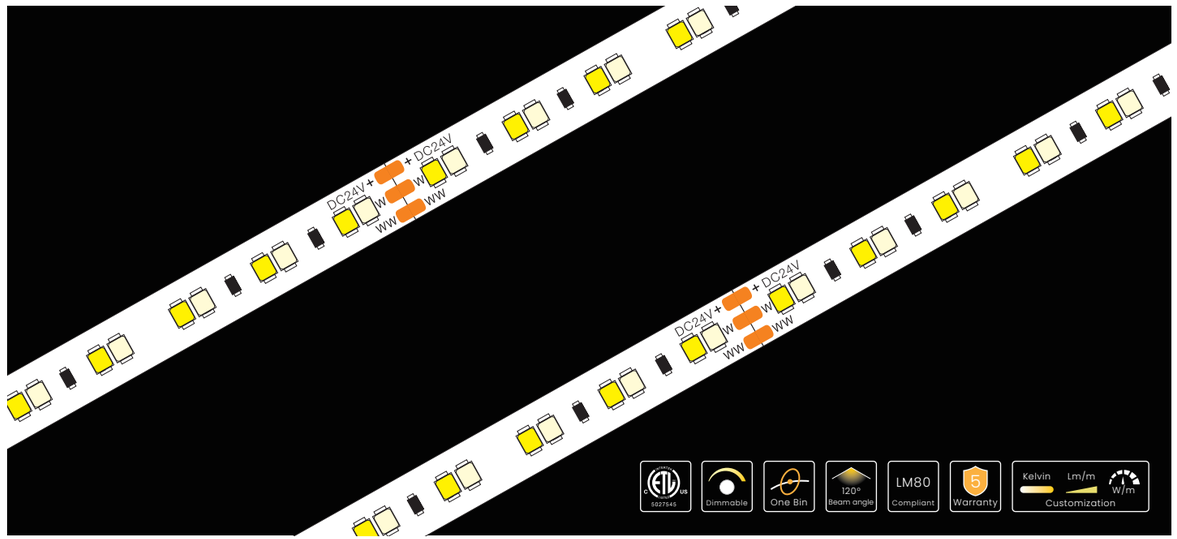


Light Distribution Curve
(24V, 20W, 2000K+6000K)

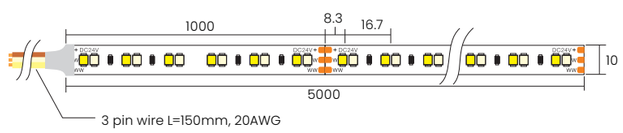


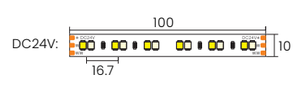
Effective Average Illuminance

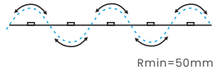
TUNABLE WHITE 2835 120LEDs 10mm

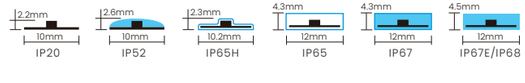


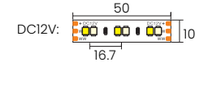
Dimensions & Waterproof(Unit: mm)











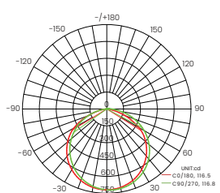
Product Specification

Power(W)	24Watt/meter
Voltage(V)	DC24V/DC12V
Copper foil	2oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

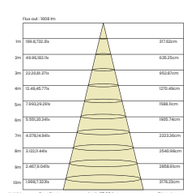
Product Photometrics (Data base on IP20 CRI>90)

CRI	CCT	lm/m	w/m	lm/w
>90	2700	1125.60	12	93.80
	6000	1170.96	12	97.58
	2700+6000	2293.92	24	95.58
>80	2700	1320.49	12	110.04
	6000	1429.76	12	119.15
	2700+6000	2753.01	24	114.71

Illuminance Distribution



Light Distribution Curve
(24V, 24W, 2000K+6000K)



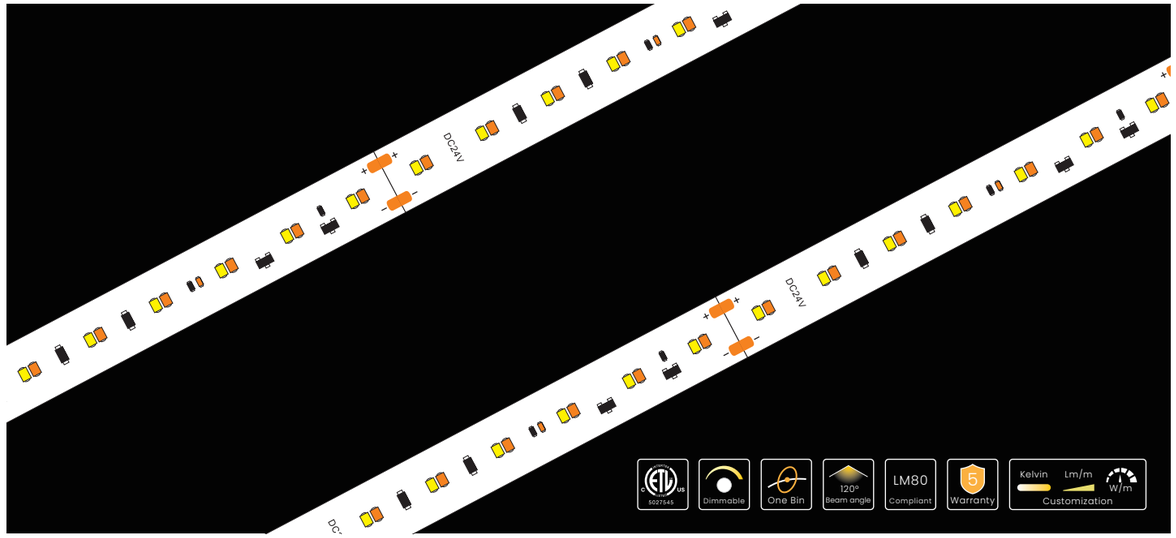
Effective Average Illuminance

SMD DIM TO WARM

This LED strip automatically warms its color temperature as you dim, recreating the cozy glow of incandescent light. A typical curve shifts from ~3000K down to ~1800K (other ranges available). It works with standard dimming—TRIAC, 0–10V, or PWM—so no separate CCT controller is required.

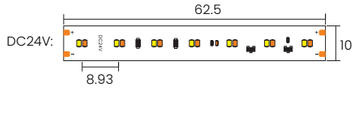


DIM TO WARM 2216 224LEDs 10mm

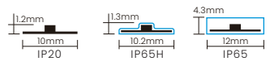


Dimensions & Waterproof(Unit: mm)





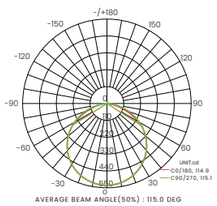




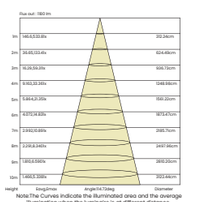
Product Specification

Power(W)	18Watt/meter
Voltage(V)	DC24V
Copper foil	20z
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

Illuminance Distribution

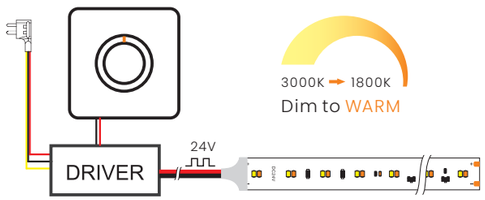


Light Distribution Curve
(24V, 18W, 3000K)

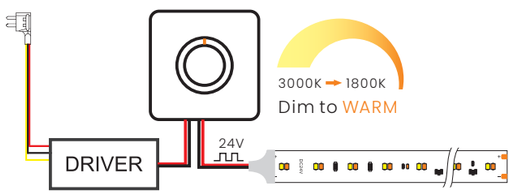


Wiring Diagram

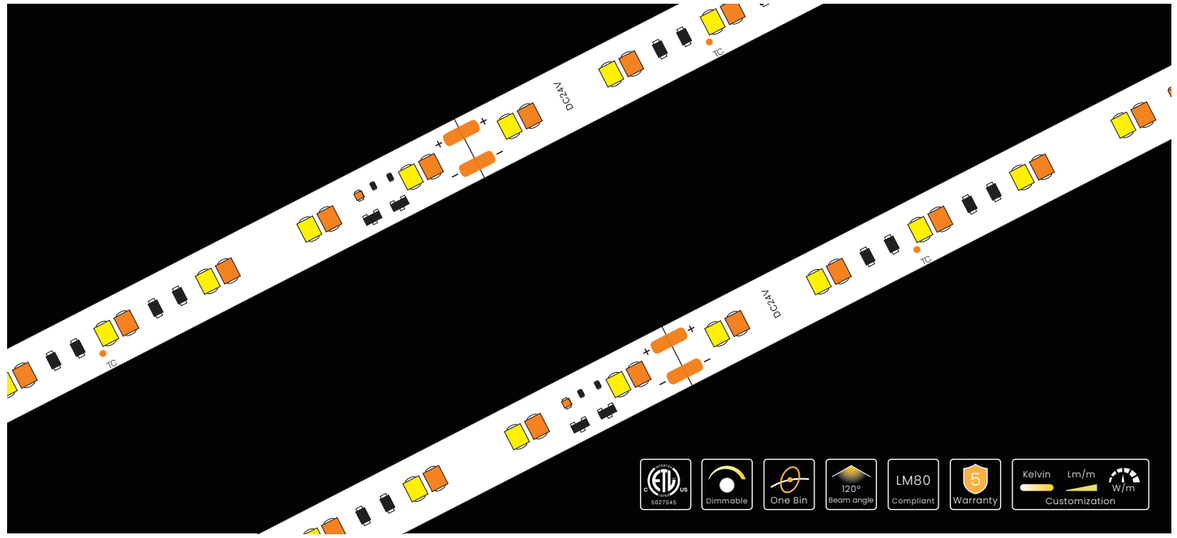
0/1-10V Dimmer



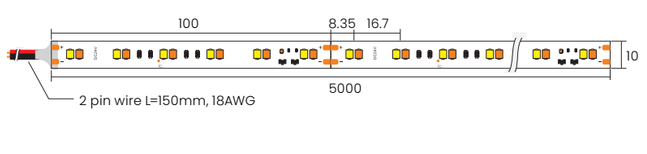
Traditional PWM dimmer

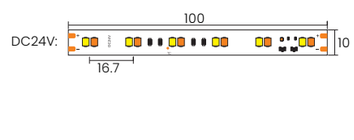


DIM TO WARM 2835 120LEDs 10mm

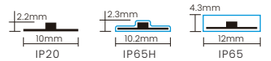


Dimensions & Waterproof(Unit: mm)





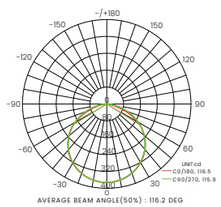




Product Specification

Power(W)	14.4Watt/meter
Voltage(V)	DC24V
Copper foil	20z
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

Illuminance Distribution

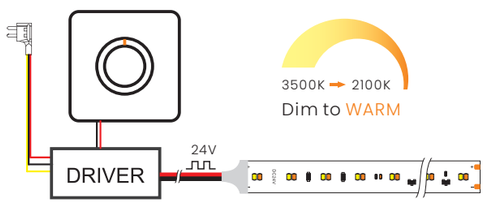


Light Distribution Curve
(24V, 14.4W, 3000K)

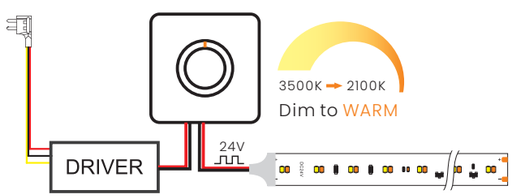


Wiring Diagram

0/1-10V Dimmer



Traditional PWM dimmer



SMD RGBX

RGBX color changing LED strips are 3 channels / 4 channels / 5 channels LED strips that can be connected to the lighting control system or work with the independent controller.It is widely used in residential spaces, exhibitions, leisure & entertainment environments, decoration lighting, atmosphere creation, and changes in holidays.RGBX color changing LED strips contain RGB LED strips,
RGBW LED strips, and RGBTW LED strips.

- RGB/RGBW/RGBTW are available
- 5mm/8mm/10mm/12mm/16mm/20mm width are available
-IP20/IP52/IP65/IP67/IP68 are available
-High density, up to 360LEDs/m
- LM80 compatible, 50000 hours lifespan



SMD RGBX

RGBX color changing LED strips are 3 channels / 4 channels / 5 channels LED strips that can be connected to the lighting control system or work with the independent controller.It is widely used in residential spaces, exhibitions, leisure & entertainment environments,decoration lighting, atmosphere creation, and changes in holidays.RGBX color changing LED strips contain RGB LED strips, RGBW LED strips, and RGBTW LED strips.



PRODUCT PARAMETER (RGB Series)

Model	LEDs Type	CCT(K)	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY30-S5050RGB-Wx	5050RGB	RGB	30	10	100mm@12v 166.6mm@24v	12v/24v	7.2	/	310	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY48-S5050RGB-Wx	5050RGB	RGB	48	10	62.5mm@12v 125mm@24v	24v	11	/	473	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-Wx	5050RGB	RGB	60	8	24V:50mm	12v	12	/	528	44	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-Wx HOT	5050RGB	RGB	60	10	50mm@12v 100mm@24v	12v/24v	14.4	/	620	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-S5050RGB-Wx	5050RGB	RGB	72	10	24V:83.3mm	24v	17.28	/	743	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-S5050RGB-Wx	5050RGB	RGB	96	12	24V:62.5mm	24v	23W	/	980	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S5050RGB-Wx	5050RGB	RGB	120	12	25mm@12v 50mm@24v	12v/24v	24	/	1056	44	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S5050RGB-Wx	5050RGB	RGB	120	20	50mm@12v 50mm@24v	12v/24v	28.8	/	1238	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835RGB-Wx HOT	2835RGB	RGB	120	5	50mm@12v 50mm@24v	12v/24v	10	/	350	35	IP20/IP65/IP65H
LY120-S2835RGB-Wx	2835RGB	RGB	120	8	50mm@24v	24v	12	/	350	35	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S3838RGB-Wx	3838RGB	RGB	120	8	50mm@24v	24v	12	/	480	40	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

PRODUCT PARAMETER (RGB/RGB+W Series)

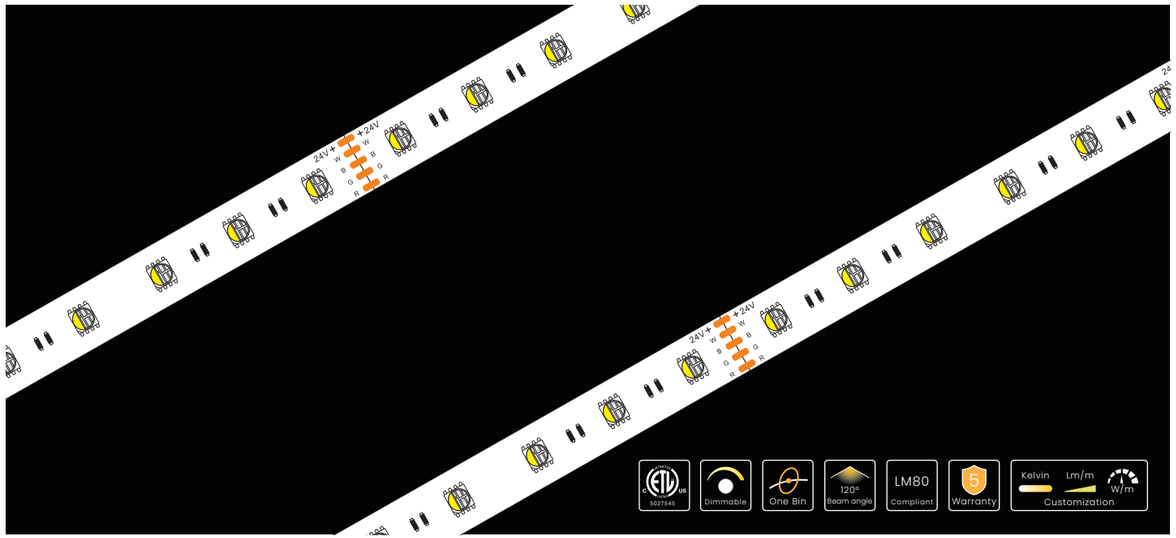
Model	LEDs Type	CCT(K)	LEDs /m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY240-S3838RGB-Wx	3838RGB	RGB	240	12	25mm@24v	24v	24	/	960	40	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S020WRGB-Wx	020RGB Side view	RGB	60	10	50mm@24v	12v	12	/	348	29	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGBWx-Wx	5050RGB+5050W	2100K/2400K/2700K/ 3000K/4000K/6000K	60	10	100mm@12v 166.6mm@24v	12v/24v	14.4	>90	780	54	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-S5050RGBWx-Wx	5050RGB+5050W	2100K/2400K/2700K/ 3000K/4000K/6000K	72	12	166.6mm@24v	24v	17.2	>90	930	54	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-S5050RGBWx-Wx HOT	5050RGB+5050W	2100K/2400K/2700K/ 3000K/4000K/6000K	96	12	125mm@24v	24v	23	>90	1240	54	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S5050RGBWx-Wx	5050RGB+5050W	2100K/2400K/2700K/ 3000K/4000K/6000K	120	20	100mm@24v	24v	28.8	>90	1560	54	IP20/IP52/IP65/IP67
LY144-S5050RGBWx-Wx	5050RGB+5050W	2100K/2400K/2700K/ 3000K/4000K/6000K	144	20	83.3mm@24v	24v	34.5	>90	1860	54	IP20/IP52/IP65/IP67
LY120-S5050RGBWx-Wx	5050RGB+2835W	2100K/2400K/2700K/ 3000K/4000K/6000K	120	12	50mm@12v 100mm@24v	12v/24v	26.4	>90	1676	63	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY140-S5050RGBWx-Wx	5050RGB+2835W	2100K/2400K/2700K/ 3000K/4000K/6000K	140	12	100mm@24v	24v	26.4	>90	1821	69	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY168-S5050RGBWx-Wx	5050RGB+2835W	2100K/2400K/2700K/ 3000K/4000K/6000K	168	12	83.3mm@24v	24v	26.4	>90	1900	70	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S3838RGBWx-Wx	3838RGB+2010W	2700K/3000K/ 4000K/6000K	240	10	50mm@24v	24v	19.2	>90	1030	53	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-S020RGBWx-Wx	020RGB+ 3014W Side view	2700K/3000K/ 4000K/6000K	72	12	166.6mm@24v	24v	12	>80	534	44.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGBWx-Wx	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	60	10	50mm@12v 100mm@24v	12v/24v	19.2	>80	1170	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-LS5050RGBWx-Wx HOT	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	60	12	50mm@12v 100mm@24v	12v/24v	19.2	>80	1170	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-LS5050RGBWx-Wx	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	72	12	83.3mm@24v	24v	23	>80	1400	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY84-LS5050RGBWx-Wx	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	84	12	35.7mm@12v 71.4mm@24v	12v/24v	26.8	>80	1634	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-LS5050RGBWx-Wx	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	96	12	62.5mm@24v	24v	30.7	>80	1872	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

PRODUCT PARAMETER (RGBTW Series)

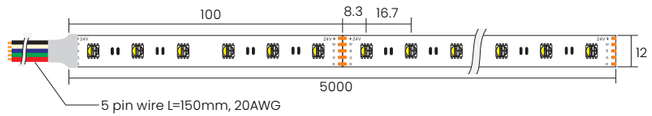
Model	LEDs Type	CCT(K)	LEDs /m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY210-S5050RGBTWx-Wx	5050RGB+2835TW	2700K/3000K/ 4000K/6000K	210	12	100mm@24v	24v	26.4	>90	2112	76	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY360-S3838RGBTWx-Wx	3838RGB+2010TW	2700K/3000K/ 4000K/6000K	360	12	50mm@24v	24v	24	>90	1500	62.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-LS5050RGBTWx-Wx HOT	5050 RGB+TW 5in1	RGB+2200- 2500k+6000K	60	12	100mm@24v	24v	19.2	>80	1180	63	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY84-LS5050RGBTWx-Wx	5050 RGB+TW 5in1	RGB+2200- 2500k+6000K	84	12	83.3mm@24v	24v	19.2	>80	1350	72	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-LS5050RGBTWx-Wx	5050 RGB+TW 5in1	RGB+2200- 2500k+6000K	96	12	62.5mm@24v	24v	19.2	>80	1350	72	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

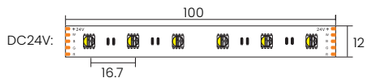
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

RGBW 5050 60LEDs(4 in 1) 12mm

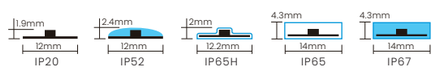


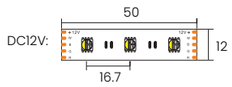
Dimensions & Waterproof(Unit: mm)











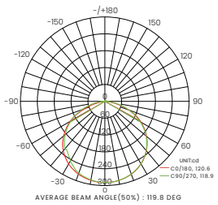
Product Specification

Power(W)	19.2Watt/meter
Voltage(V)	DC24V/DC12V
Copper foil	2 oz
Ambient Temperature	-25℃~+45℃
Storage Temperature	-25℃~+60℃

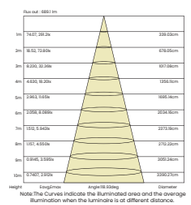
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
--	Red	141.98	4.26	33.33
	Green	441.46	5.37	82.21
	Blue	122.87	4.77	25.76
>80	6000K	517.68	4.8	107.85
	RGBW	1226.11	19.2	63.86

Illuminance Distribution



Light Distribution Curve
(24V, 19.2W, RGBW)



Effective Average Illuminance



SMD PIXEL

Individual addressable led strip is also called digital led strip, pixel led strip, programmable led strip, chasing led strip, magic led strip, or dream color led strip, is a led strip with control ICs that allow you to control individual LEDs or groups of LEDs. You can control a specific part of the led strip, which is why it is called 'addressable'.

-DMX512 / SPI are available
-RGB / RGBW are available
-5V / 12V / 24V are available
-IP20/IP52/IP65/IP67/IP68 are available



SMD PIXEL

Individual addressable led strip is also called digital led strip, pixel led strip, programmable led strip, chasing led strip, magic led strip, or dream color led strip, is a led strip with control ICs that allow you to control individual LEDs or groups of LEDs. You can control a specific part of the led strip, which is why it is called 'addressable'.

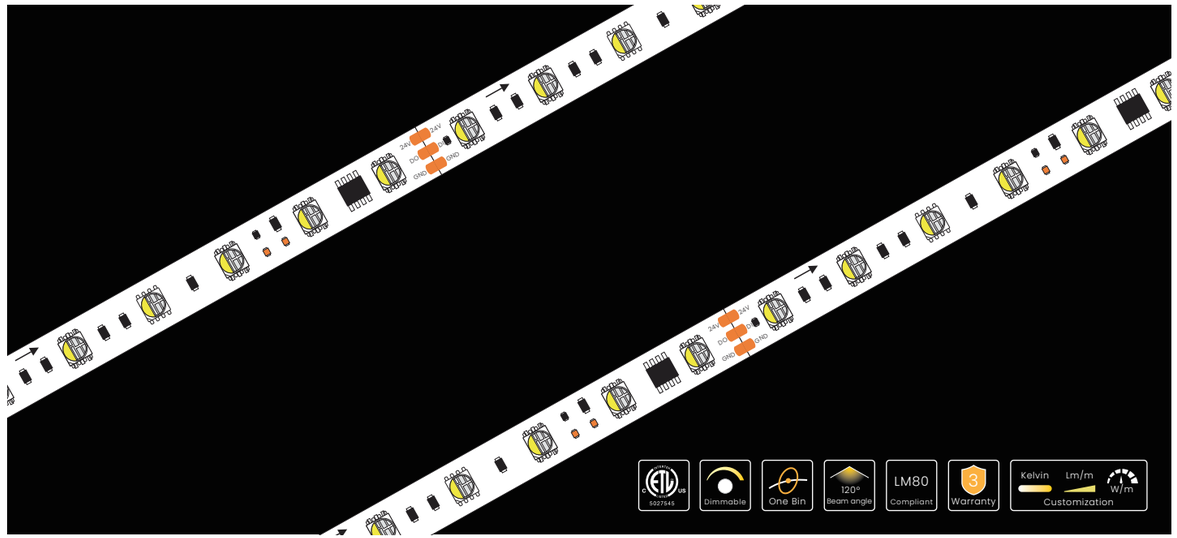


PRODUCT PARAMETER

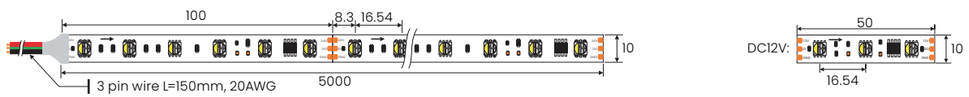
Model	LEDs /m	IC Type	Pixel (P/m)	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY60-S5050RGB-W5-SK6812 HOT	60	SK6812	60	10	16.66mm@5v	5v	10.6	>80	268	25.3	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGBW-W5-SK6812	60	SK6812	60	10	16.66mm@5v	5v	12	>80	655	54.6	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-W12-MT1809	60	MT1809	60	10	16.66mm@12v	12v	8	>80	250	31.3	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W-W24-UCS1903H	120	UCS1903H	10	10	100mm@24v	24v	14.4	>80	1200	83.3	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835RGB-W24-WS2811	120	WS2811	10	8	100mm@24v	24v	12.5	>80	389	31.1	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-W12-UCS1903H HOT	60	UCS1903H	20	10	50mm@12v	12v	14.4	>80	514	35.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-W24-UCS1903H	60	UCS1903H	10	10	100mm@24v	24v	14.4	>80	524	36.4	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGBW-W12-UCS2904B	60	UCS2904B	20	10	50mm@12v	12v	18	>80	758	42.1	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGBW-W24-UCS2904B	60	UCS2904B	10	10	100mm@24v	24v	18	>80	758	42.1	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY30-S5050RGB-W12-WS2818	30	WS2818	10	10	100mm@12v	12v	7.2	>80	281	39	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-W12-WS2818	60	WS2818	20	10	50mm@12v	12v	14.4	>80	562	39	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-5050RGB-W24-WS2818	60	WS2818	10	10	100mm@24v	24v	14.4	>80	562	39	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-DMX5050RGB-W24-UCS512C4 HOT	60	DMX512-UCS512C4	10	12	100mm@24v	24v	14.4	>80	380	26.4	IP20/IP65
LY60-DMX5050RGBW-W24-UCS512C4 HOT	60	DMX512-UCS512C4	10	12	100mm@24v	24v	18.5	>80	718	38.8	IP20/IP65

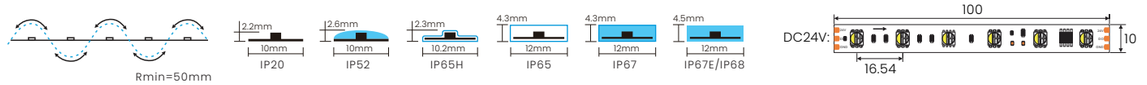
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

PIXEL 5050 60LEDs UCS2904 RGBW 10mm



Dimensions & Waterproof(Unit: mm)





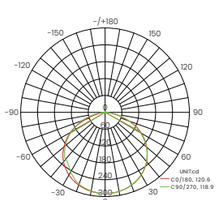
Product Specification

Power(W)	19.2W
Voltage(V)	DC12V/DC24V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

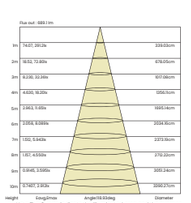
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	RGB+3000K	958.27	19.2	49.91
	RGB+4000K	1049.66	19.2	54.67
	RGB+6000K	1065.02	19.2	55.47

Illuminance Distribution



Light Distribution Curve
(24V, 19.2W, RGB+4000K)

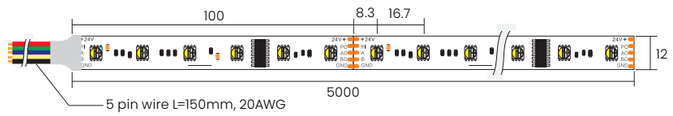


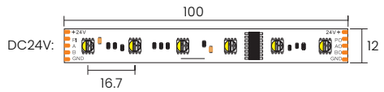
Effective Average Illuminance

PIXEL 5050 60LEDs DMXRGBW 12mm

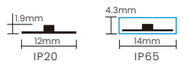


Dimensions & Waterproof(Unit: mm)









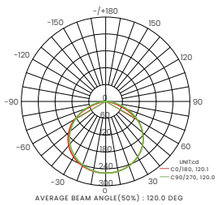
Product Specification

Power(W)	18.5Watt/meter
Voltage(V)	DC24V
Copper foil	2 oz
Ambient Temperature	-25℃~+45℃
Storage Temperature	-25℃~+60℃

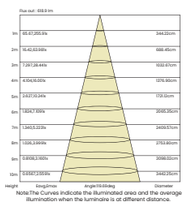
Product Photometrics (The data base on IP20)

CRI	CCT	lm/m	w/m	lm/w
--	Red	114	6	19
	Green	270	6	45
	Blue	75	6	12.5
	4000K	366	6	61
	RGBW	815	18.5	44.06

Illuminance Distribution



Light Distribution Curve
(24V, 18.5W, RGBW)



Effective Average Illuminance



SMD ULTRA LONG

The Super Long Constant Current (CC) LED strip light can achieve 50 meters, 30 meters, 20 meters, 15 meters per reel, and only needs to be connected to the power supply on one end, and the brightness of the beginning and the end are the same.
The Super Long Constant Current (CC) LED strips usually use thicker PCBs, such as 3 ounces or 4 ounces, and there will be constant current ICs on the PCB or ICs inside the LED.
It is widely used in high-end spaces and projects, such as exhibition halls, brand stores, special hotels, museums, galleries, households, schools, and hospitals.





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PRODUCT PARAMETER (48V)

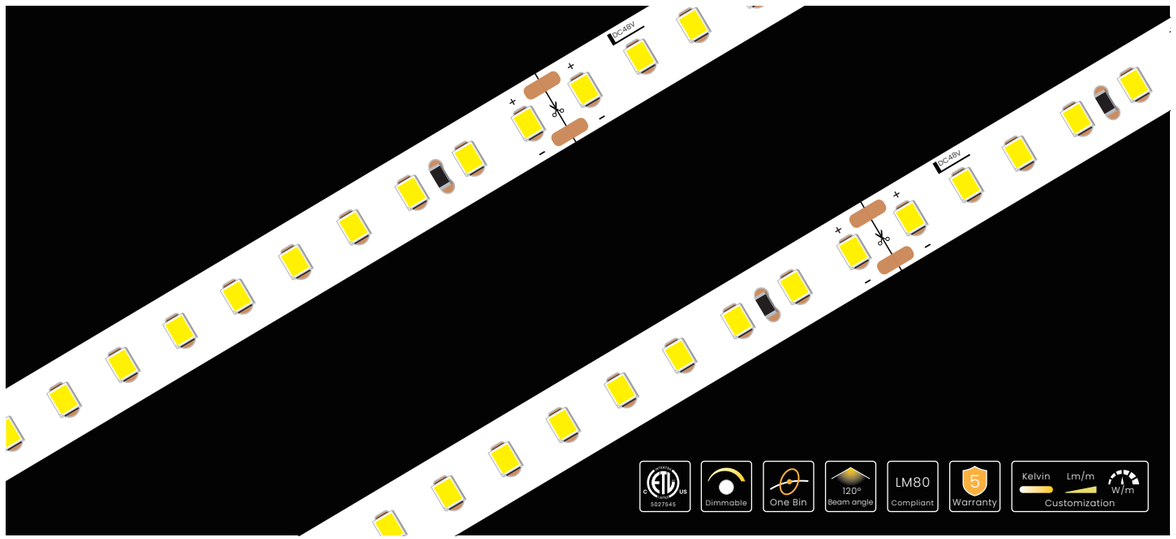
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	Max Serial Run Length (M)	IP rate
LY80-S2835W30-W48-25	80	10	50mm@48v	48v	5.8	>90	534	92	25	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY160-S2835W30-W48-20	160	10	25mm@48v	48v	8.8	>90	792	90	20	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-S2835W30-W48-60	72	10	166.7mm@48v	48v	3.2	>90	336	105	60	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-W48-50	120	12	100mm@48v	48v	5.2	>90	541	104	50	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY150-S2835W30-W48-10	150	10	100mm@48v	48v	20	>90	2100	105	10	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S2835TW-W48-40	240	12	100mm@48v	48v	10.5	>90	1071	102	40	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY54-S5050RGB-W48-50	54	12	166.7mm@48v	48v	9.4	/	427	45.4	50	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY108-S5050RGBW-W48-40	108	12	166.7mm@48v	48v	12.5	>90	655	52.4	40	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY78-CS2835W30-W48-50	78	10	166mm@48v	48v	4.5	>90	430	102	50	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

PRODUCT PARAMETER (24V)

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	Max Serial Run Length (M)	IP rate
LY60-CS5050W30-W24-10	60	10	100mm@24v	24v	12	>90	940	78	10	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS2835W30-W24-10	60	10	100mm@24v	24v	12.5	>90	1090	87	10	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS2835W30-W24-15	60	10	100mm@24v	24v	10.5	>90	1090	87	15	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS2835W30-W24-20	60	12	100mm@24v	24v	8.5	>90	768	90	20	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-CS2835W30-W24-10	120	10	50mm@24v	24v	12	>90	1080	90	10	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-CS2835W30-W24-15	120	10	50mm@24v	24v	10	>90	910	91	15	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-CS2835W30-W24-15	120	12	100mm@24v	24v	12	>90	1140	95	15	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS5050W30-W24-15 HOT	60	12	100mm@24v	24v	11	/	550	50	15	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS5050W30-W24-15 HOT	60	12	100mm@24v	24v	11	>80	740	67	15	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS5050W30-W24-15 HOT	60	15	100mm@24v	24v	12	>80	750	68	15	IP20/IP52/IP65/IP67
LY70-CS2835W30-W24-5	70	10	100mm@24v	24v	12	>90	1218	101	5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY112-CS2835W30-W24-5	112	10	62.5mm@24v	24v	19.2	>90	1948	101	5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY70-CS5630W30-W24-5	70	12	100mm@24v	24v	14.4	>80	1940	134	5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY90-CS3528W30-W36-30	90	12	100mm@36v	36v	7.2	>90	596	82	30	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY90-CS2835W30-W36-30	90	12	100mm@36v	36v	7.2	>90	700	97	30	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

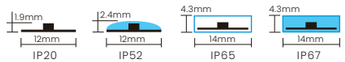
ULTRA LONG 2835 50M 120LEDs 12mm



Dimensions & Waterproof(Unit: mm)







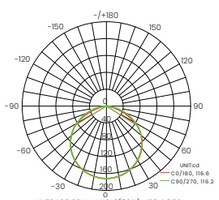
Product Specification

Power(W)	5.2Watt/meter
Voltage(V)	DC48V
Copper foil	3 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

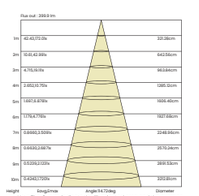
Product Photometrics (The data base on IP20)

CRI	CCT	lm/m	w/m	lm/w
>90	2700	499	5.2	95.97
	3000	509	5.2	97.89
	4000	537	5.2	103.27
	6500	525	5.2	100.97

Illuminance Distribution

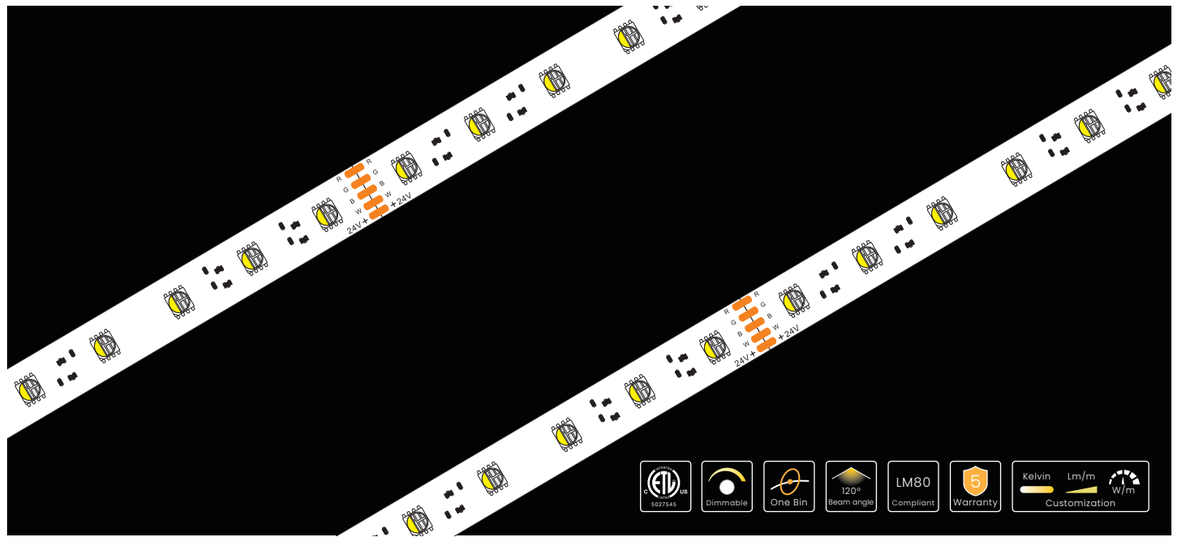


Light Distribution Curve
(48V, 5.2W, 4000K)

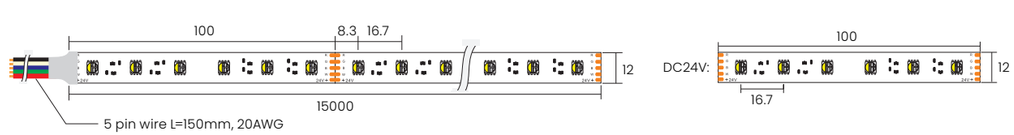


Effective Average Illuminance

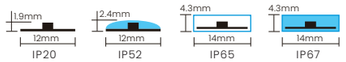
ULTRA LONG 5050 15M 60LEDs RGBW 12mm



Dimensions & Waterproof(Unit: mm)







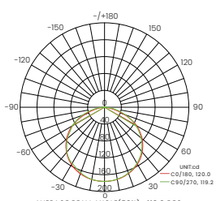
Product Specification

Power(W)	11Watt/meter
Voltage(V)	DC24V
Copper foil	3 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

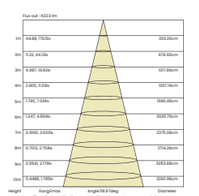
Product Photometrics (The data base on IP20)

CRI	CCT	lm/m	w/m	lm/w
>90	R	55	2.7	20.37
	G	197	2.7	72.96
	B	53	2.7	19.62
	4000K	247	2.7	91.48
	RGBW	570	11	51.81

Illuminance Distribution



Light Distribution Curve
(24V, 11W, RGBW)



Effective Average Illuminance

SMD HIGH EFFICIENCY

High Efficiency LED Strip is more than 180LM/W, which uses large-size chips and high brightness SMD2835 LEDs, high-quality resistors, and thicker PCB.





SMD HIGH EFFICIENCY

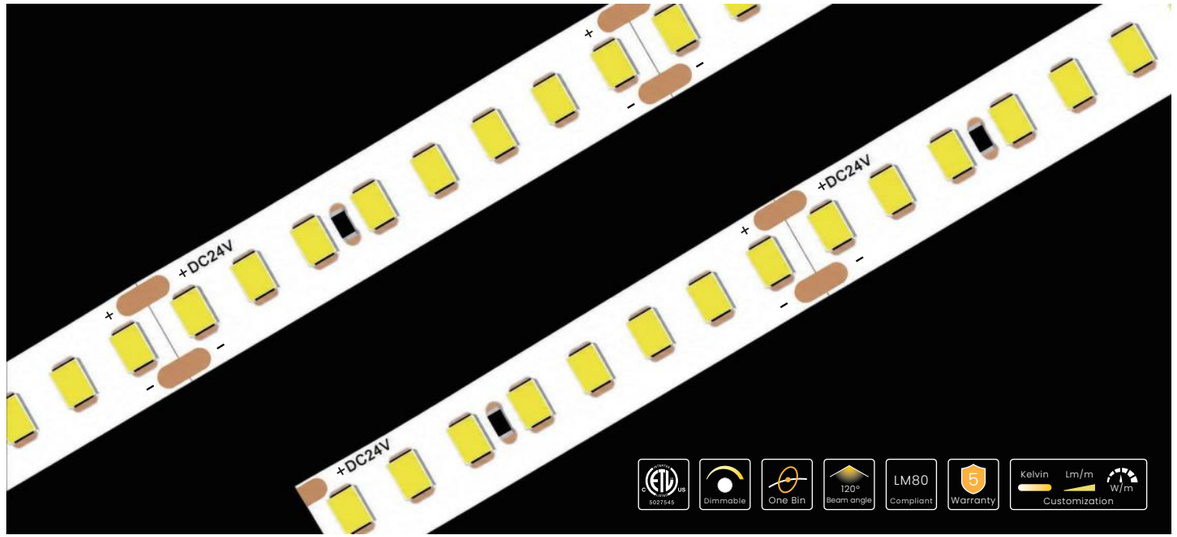
High Efficiency LED Strip is more than 180LM/W, which uses large-size chips and high brightness SMD2835 LEDs, high-quality resistors, and thicker PCB.



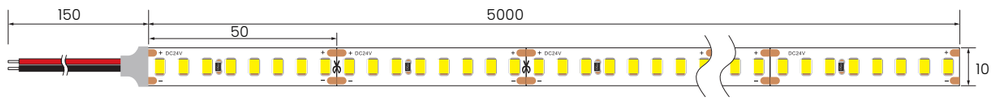
PRODUCT PARAMETER

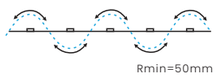
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @4000K	Efficacy (Lm/w) @4000K	IP rate
LY64-HS2835W40-W24-CV	64	10	125@24v	24v	9.6	>80	1440	150	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY80-HS2835W40-W24-CV	80	10	100@24v	24v	12	>80	1800	150	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY128-HS2835W40-W24-CV	128	10	62.5@24v	24v	18	>80	2700	150	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY160-HS2835W40-W24-CV	160	10	50@24v	24v	21	>80	3150	150	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY64-XHS2835W40-W24-CV	64	10	125@24v	24v	9.6	>90	1638.72	170.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY80-XHS2835W40-W24-CV	80	10	100@24v	24v	12	>90	2048.4	170.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY128-XHS2835W40-W24-CV	128	10	62.5@24v	24v	18	>90	3072.6	170.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY160-XHS2835W40-W24-CV	160	10	50@24v	24v	21	>90	3584.7	170.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY180-XHS2835W40-W24-CV	180	10	50@24V	24v	9	>80	1836	204	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY64-XHS2835W40-W24-CV	64	10	125@24v	24v	9.6	>80	1632	170	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY80-XHS2835W40-W24-CV	80	10	100@24v	24v	12	>80	2040	170	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY128-XHS2835W40-W24-CV	128	10	62.5@24v	24v	18	>80	3060	170	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY160-XHS2835W40-W24-CV	160	10	50@24v	24v	21	>80	3570	170	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

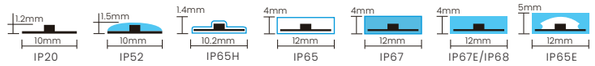
EXTRA HIGH EFFICIENCY 2835 160LEDs 10mm



Dimensions & Waterproof(Unit: mm)



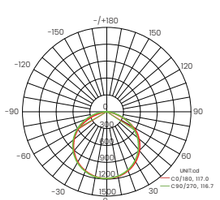




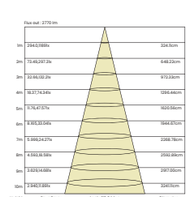
Product Specification

Power(W)	21w
Voltage(V)	DC24V
Copper foil	3 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

Illuminance Distribution



Light Distribution Curve
(24V, 21W, 4000K)

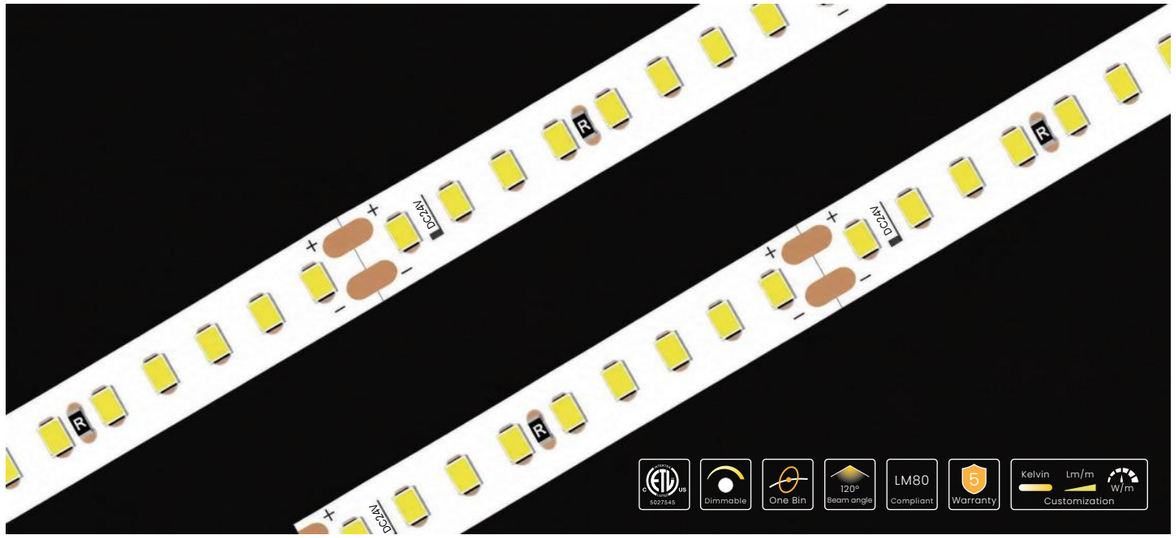


Effective Average Illuminance

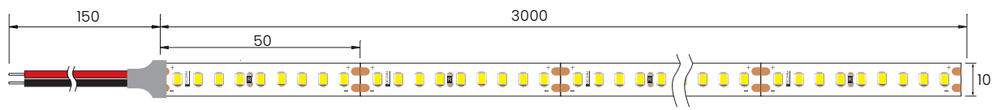
Product Photometrics (The data base on IP20)

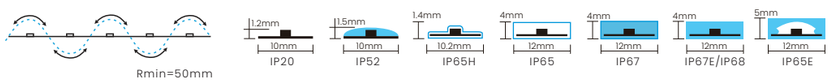
CRI		CCT	lm/m	w/m	lm/w
>90		2700K	3381	21	161
		3000K	3444	21	164
		4000K	3584.7	21	170.7
		6500K	3528	21	168
>80		2700K	3355.8	21	159.8
		3000K	3427.2	21	163.2
		4000K	3570	21	170
		6500K	3498.6	21	166.6

EXTRA HIGH EFFICIENCY 2835 180LEDs 10mm



Dimensions & Waterproof(Unit: mm)





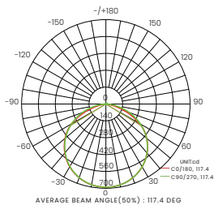
Product Specification

Power(W)	9W
Voltage(V)	DC24V
Copper foil	3 oz
Ambient Temperature	-25℃~+45℃
Storage Temperature	-25℃~+60℃

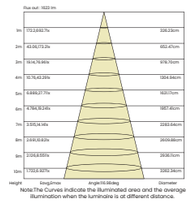
Product Photometrics (The data base on IP20)

CRI	CCT	lm/m	w/m	lm/w
>80	2700K	1728.0	9	192
	3000K	1764.0	9	196
	4000K	1836.0	9	204
	6500K	1773.0	9	197

Illuminance Distribution



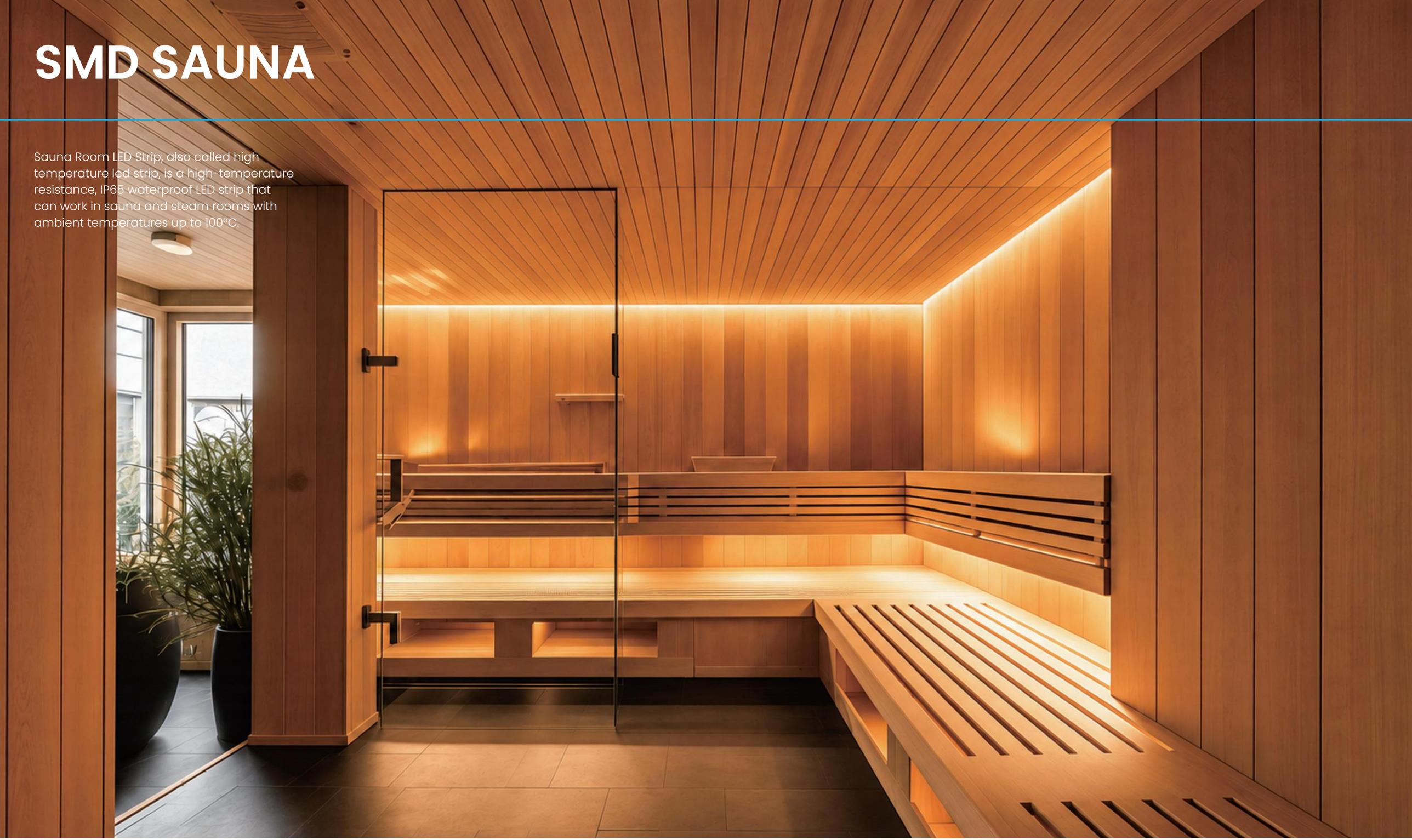
Light Distribution Curve
(24V, 9W, 4000K)



Effective Average Illuminance

SMD SAUNA

Sauna Room LED Strip, also called high temperature led strip, is a high-temperature resistance, IP65 waterproof LED strip that can work in sauna and steam rooms with ambient temperatures up to 100°C.





SMD SAUNA

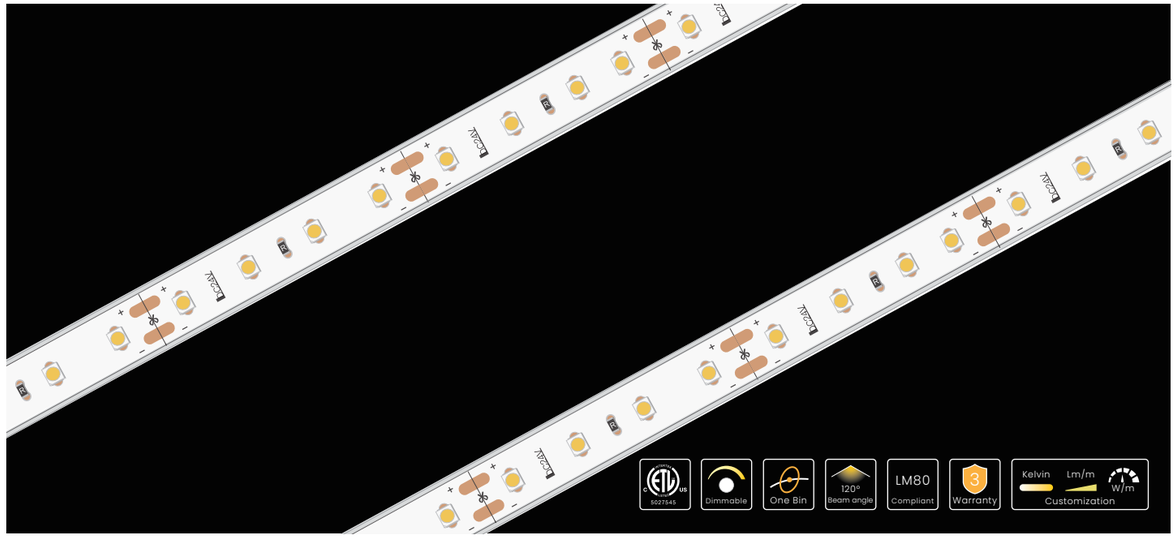
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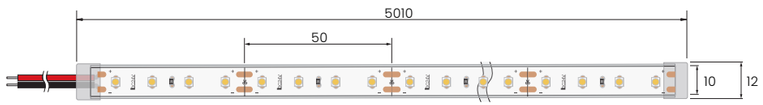
PRODUCT PARAMETER

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY80-S3030W30-Wx HOT	80	12	50mm@24v	24v	4.8	>80	830.4	173	IP65
LY80-S3030W30-Wx	80	12	50mm@24v	24v	9.6	>80	1660.8	173	IP65
LY60-S5050RGBW-HT-Wx	60	14	100mm@24v	24v	10	>80	565.2	56.5	IP65

SAUNA 3030 80LEDs 12mm



Dimensions & Waterproof(Unit: mm)



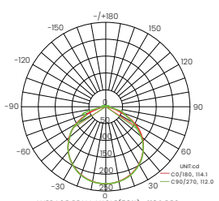


Rmin=50mm

Product Specification

Power(W)	4.8W/9.6W
Voltage(V)	DC24V
Copper foil	2 oz
Ambient Temperature	-25℃~+100℃
Storage Temperature	-25℃~+100℃

Illuminance Distribution



Light Distribution Curve
(24V, 4.8W, 4000K)

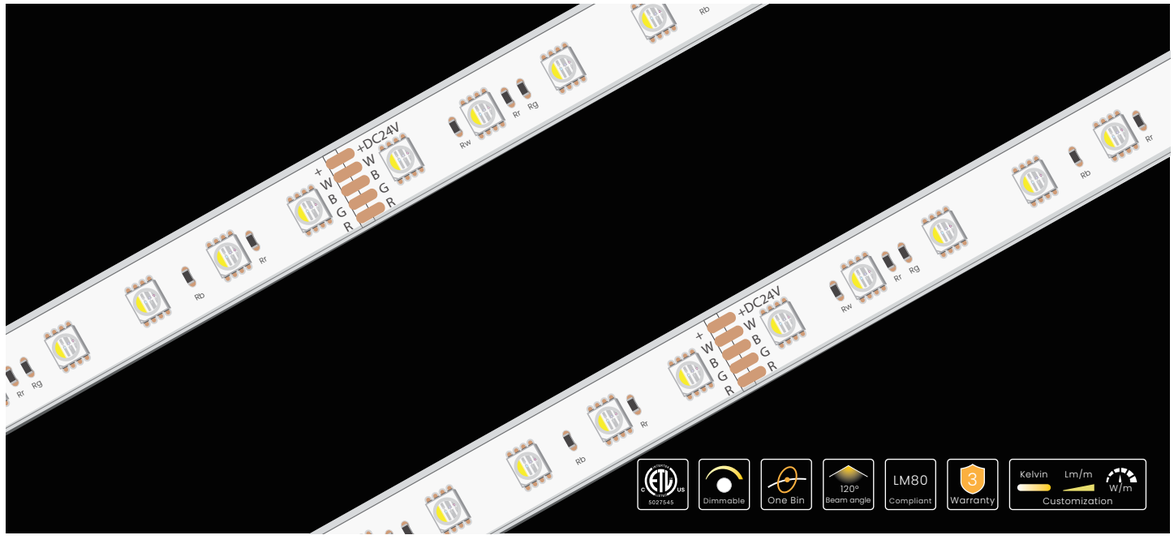


Effective Average Illuminance

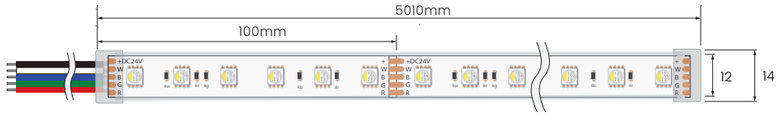
Product Photometrics (The data base on IP20 24V)

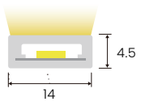
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	701	4.8	146.04
	3000K	713	4.8	148.54
	3500K	720	4.8	150
>80	4000K	734	4.8	152.91
	5000K	730	4.8	152.08
	6500K	7321	4.8	1525.2

SAUNA 5050RGBW 60LEDs 14mm



Dimensions & Waterproof(Unit: mm)







Rmin=50mm

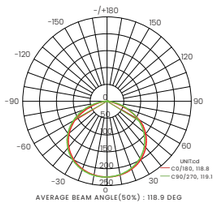
Product Specification

Power(W)	10w
Voltage(V)	DC24V
Copper foil	2 oz
Ambient Temperature	-25°C~+100°C
Storage Temperature	-25°C~+100°C

Product Photometrics (The data base on IP20 24V)

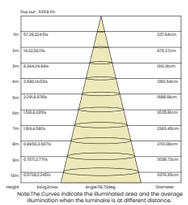
CRI	CCT	lm/m	w/m	lm/w
--	R	97	2.5	38.8
	G	285	2.5	114
	B	56	2.5	22.4
>80	4000K	271	2.5	108.4
	RGBW	722	10	72.2

Illuminance Distribution



AVERAGE BEAM ANGLE(50%) : 118.9 DEG

Light Distribution Curve
(24V, 10W, RGBW)



Effective Average Illuminance

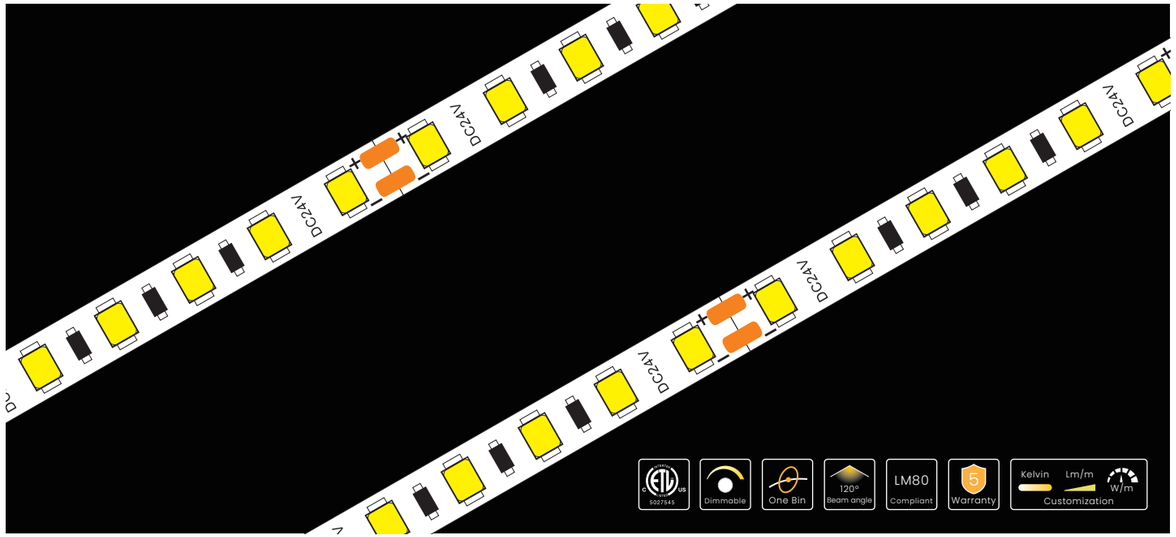


SMD SLIM

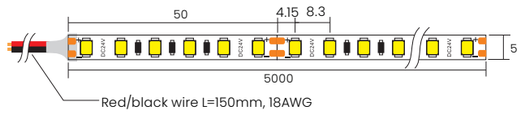
SMD Slim LED strips are built on an ultra-narrow PCB that fits where standard strips can't — slim aluminum channels, grooves, cabinet edges, mirrors, and shelving. Low-profile and flexible, they virtually disappear when off, then bring clean, uniform brightness to even the tightest spaces.



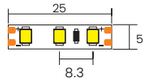
SLIM 2835 120LEDs 5mm

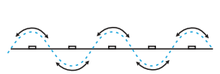


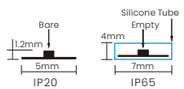
Dimensions & Waterproof(Unit: mm)



DC12V:







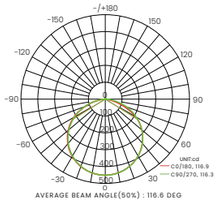
Product Specification

Power(W)	19.2Watt/meter
Voltage(V)	DC24V/DC12V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

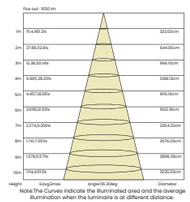
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2100K	1353	19.2	70.47
	2400K	1516	19.2	78.96
	2700K	1650	19.2	85.94
	3000K	1719	19.2	89.53
	4000K	1899	19.2	98.91
	6000K	1930	19.2	100.52

Illuminance Distribution



Light Distribution Curve
(24V, 14.4W, 4000K)



Effective Average Illuminance

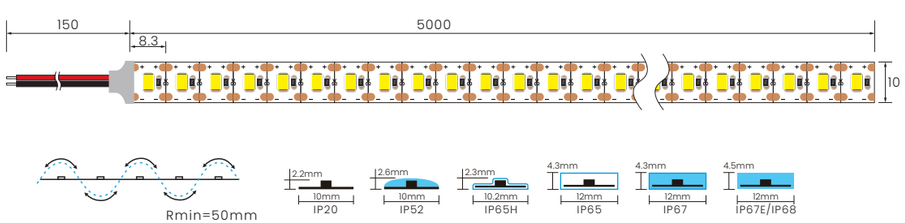
SMD MINI CUTTING

SMD Mini Cutting LED strips come with much shorter cutting intervals than standard strips, so you can trim them freely to the exact length your project needs. Cut with ordinary scissors, minimize waste, and fit precise runs in cabinets, shelves, drawers, signage, and tight accents.

MINI CUTTING 2835 120LEDs 10mm



Dimensions & Waterproof(Unit: mm)



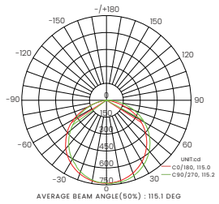
Product Specification

Power(W)	19/14/12Watt/meter
Voltage(V)	DC24V/DC12V/DC5V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

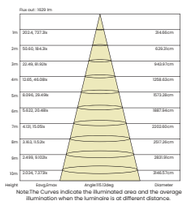
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	1444	19	76
	3000K	1520	19	80
	4000K	1577	19	83
	6000K	1558	19	82

Illuminance Distribution



Light Distribution Curve
(24V, 10W, 4000K)

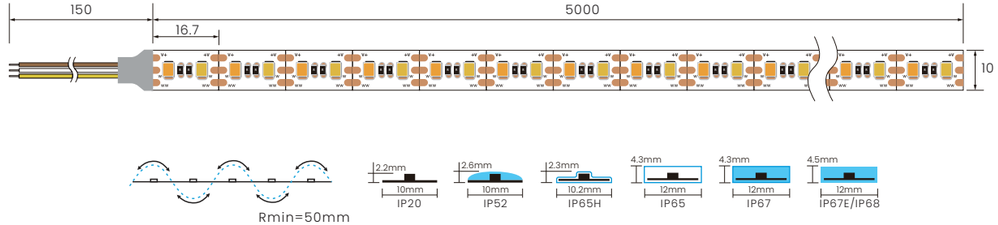


Effective Average Illuminance

MINI CUTTING TW 2835 120LEDs 10mm



Dimensions & Waterproof(Unit: mm)



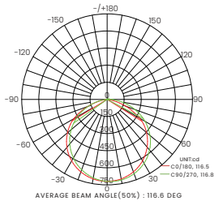
Product Specification

Power(W)	19w/14w/12w/meter
Voltage(V)	DC24V/DC12V/DC5V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

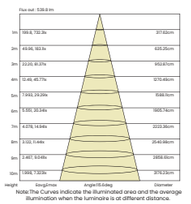
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±100	760	9.5	80
	6000K±400	814.72	9.5	85.76
	2700K+6000K	1530.83	19	80.57
>80	2700K±100	1026.17	9.5	108.14
	6000K±400	1149.13	9.5	121.13
	2700K+6000K	2188.8	19	115.2

Illuminance Distribution



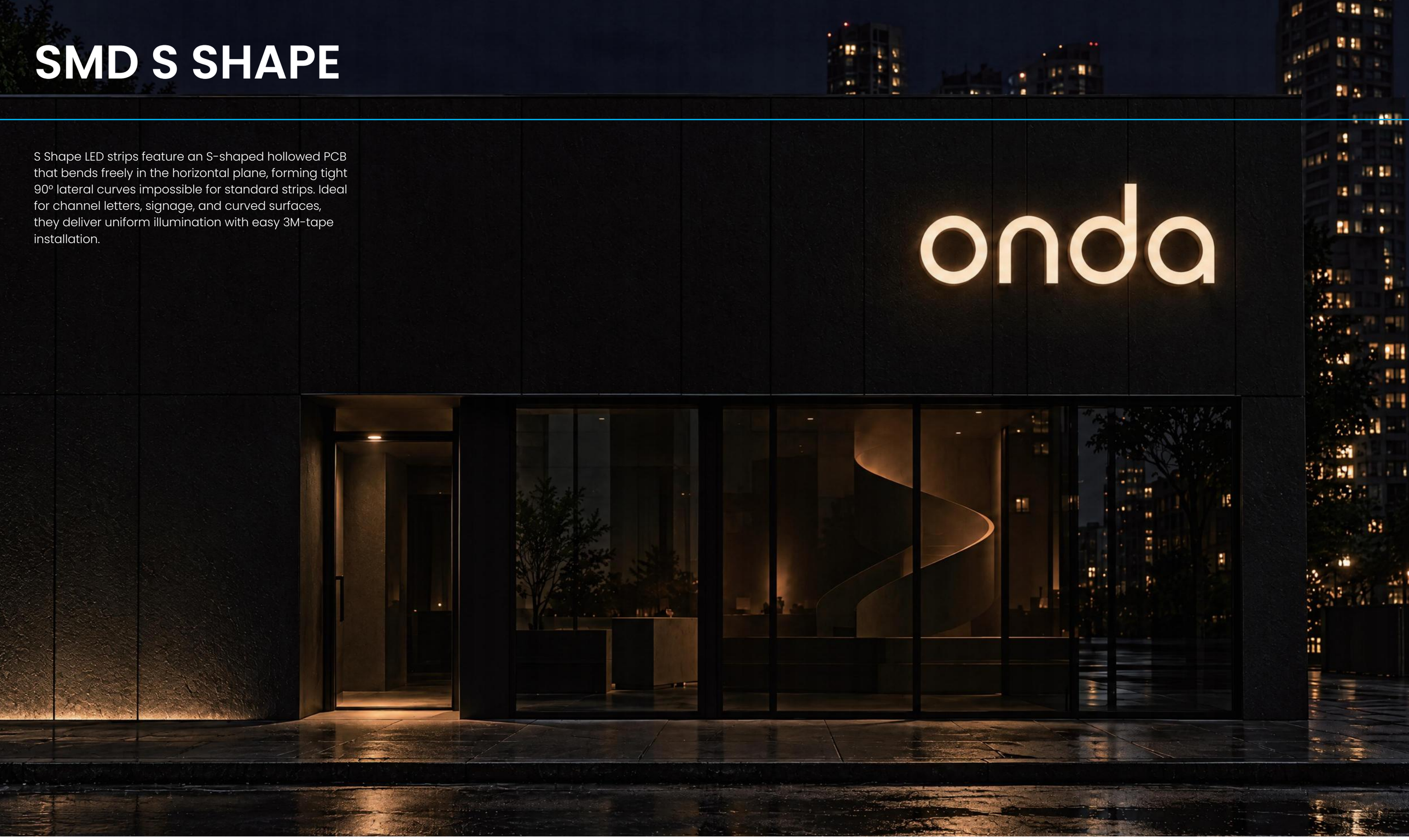
Light Distribution Curve
(24V, 12W, 2400K+6500K)



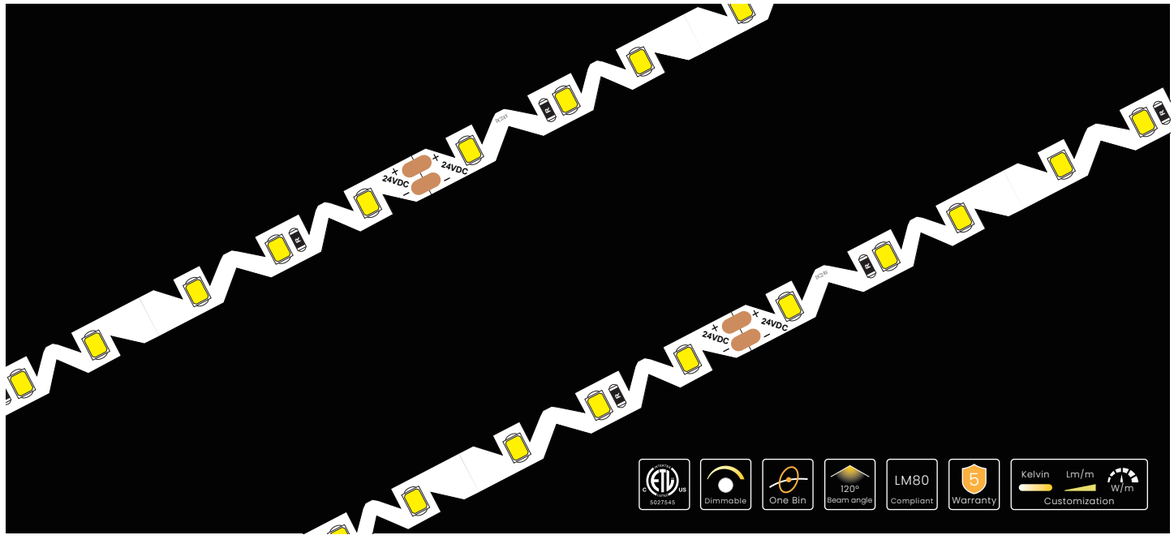
Effective Average Illuminance

SMD S SHAPE

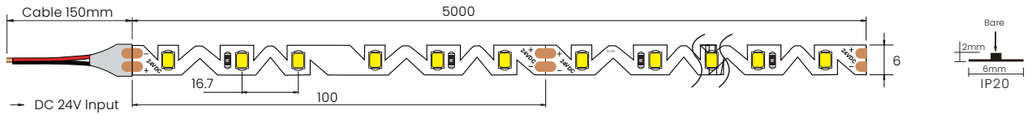
S Shape LED strips feature an S-shaped hollowed PCB that bends freely in the horizontal plane, forming tight 90° lateral curves impossible for standard strips. Ideal for channel letters, signage, and curved surfaces, they deliver uniform illumination with easy 3M-tape installation.



S SHAPE 2835 60LEDs 6mm



Dimensions & Waterproof(Unit: mm)



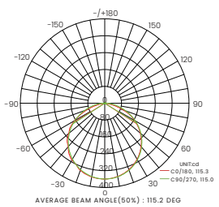
Product Specification

Power(W)	7Watt/meter
Voltage(V)	DC24V
Copper foil	2 oz
Ambient Temperature	-25°C~+60°C
Storage Temperature	-40°C~+80°C

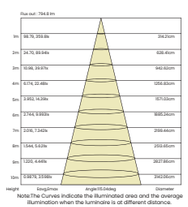
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>80	2700K	684	7	97.7
	3000K	720	7	102.85
	3500K	756	7	108
	4000K	792	7	113.14
	5000K	792	7	113.14
	6000K	792	7	113.14

Illuminance Distribution

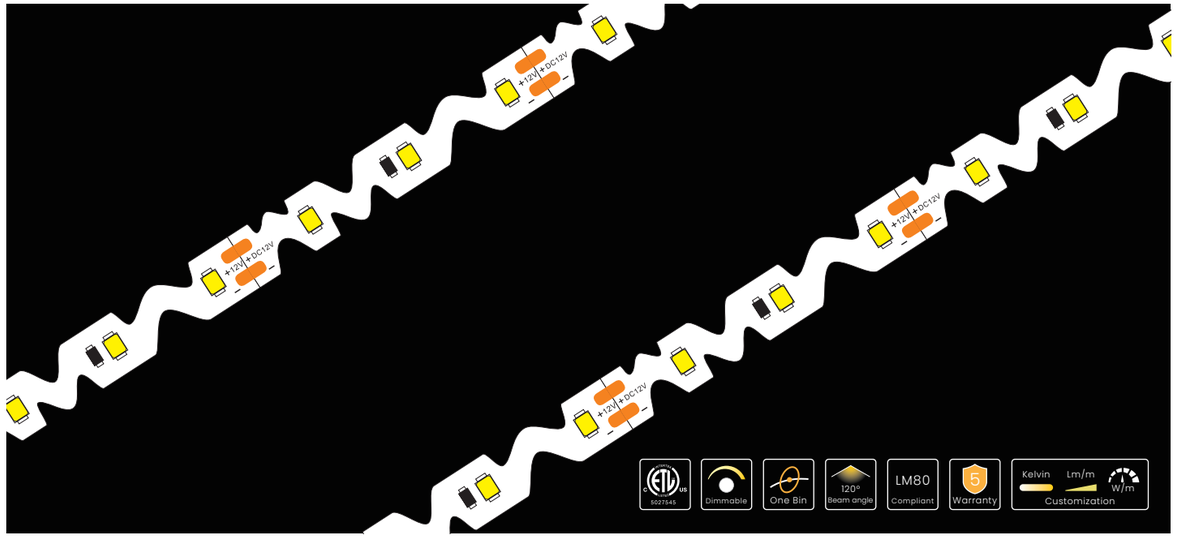


Light Distribution Curve
(24V, 7W, 4000K)

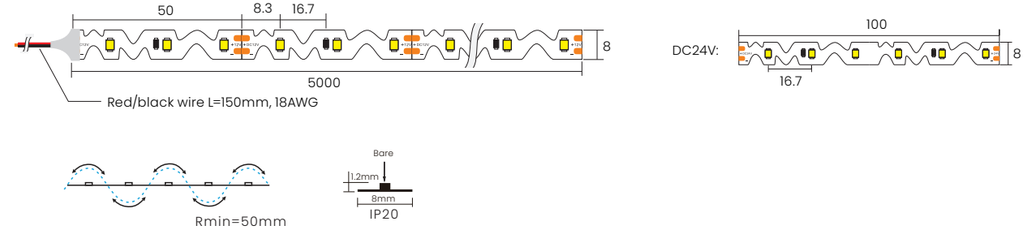


Effective Average Illuminance

S SHAPE 2835 60LEDs 8mm



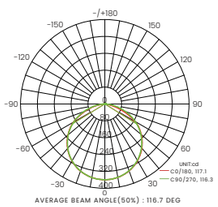
Dimensions & Waterproof(Unit: mm)



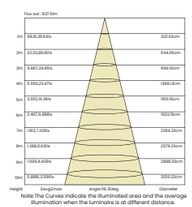
Product Specification

Power(W)	12Watt/meter
Voltage(V)	DC24V/DC12V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

Illuminance Distribution



Light Distribution Curve
(24V, 12W, 4000K)

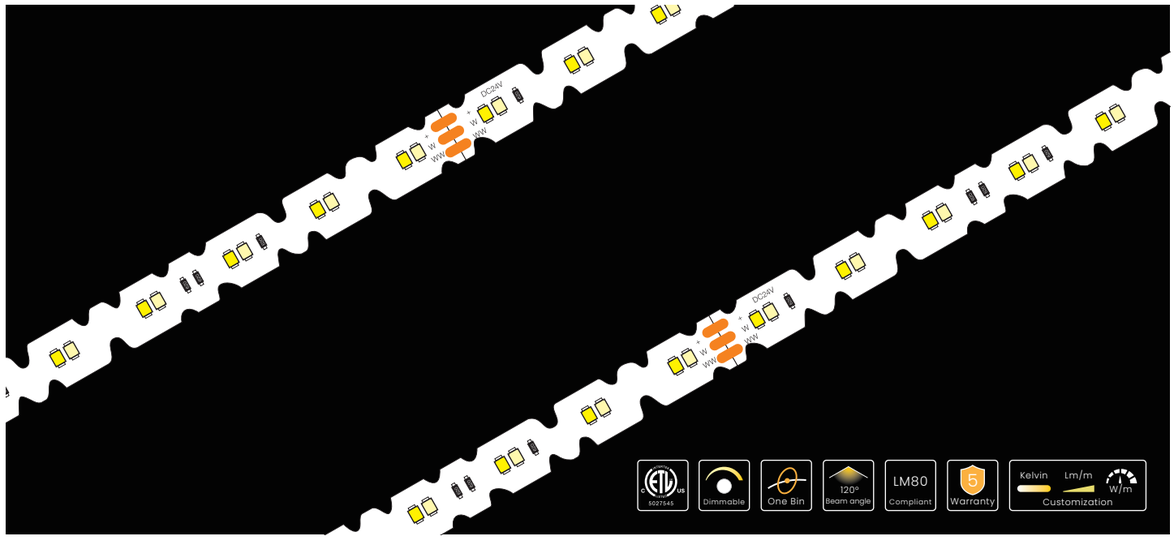


Effective Average Illuminance

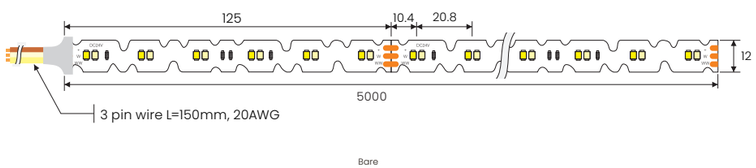
Product Photometrics (The data base on IP20 24V CRI>90)

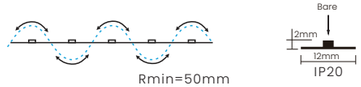
CRI	CCT	lm/m	w/m	lm/w
>90	2100K±100	834.12	12	69.09
	2400K±100	954.60	12	77.84
	2700K±100	1045.20	12	88.98
	3000K±100	1073.16	12	89.78
	4000K±200	1154.76	12	97.88
	6000K±300	1130.28	12	94.45
>80	2100K±100	1170	12	97.51
	2400K±100	1260	12	105.00
	2700K±100	1320	12	110.00
	3000K±100	1380	12	115.00
	4000K±200	1410	12	117.50
	6000K±300	1428	12	119.00

S SHAPE TW 2835 96LEDs 12mm



Dimensions & Waterproof(Unit: mm)





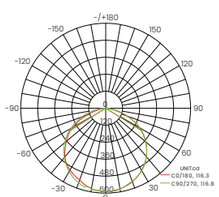
Product Specification

Power(W)	19.2Watt/meter
Voltage(V)	DC24V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

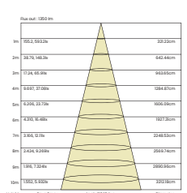
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±100	782	19.2	81.5
	6000K±300	1000	19.2	100
	2700K+6000K	1728	19.2	90.0
>80	2700K±100	1056	19.2	110
	6000K±300	1190	19.2	119
	2700K+6000K	2188	19.2	114

Illuminance Distribution

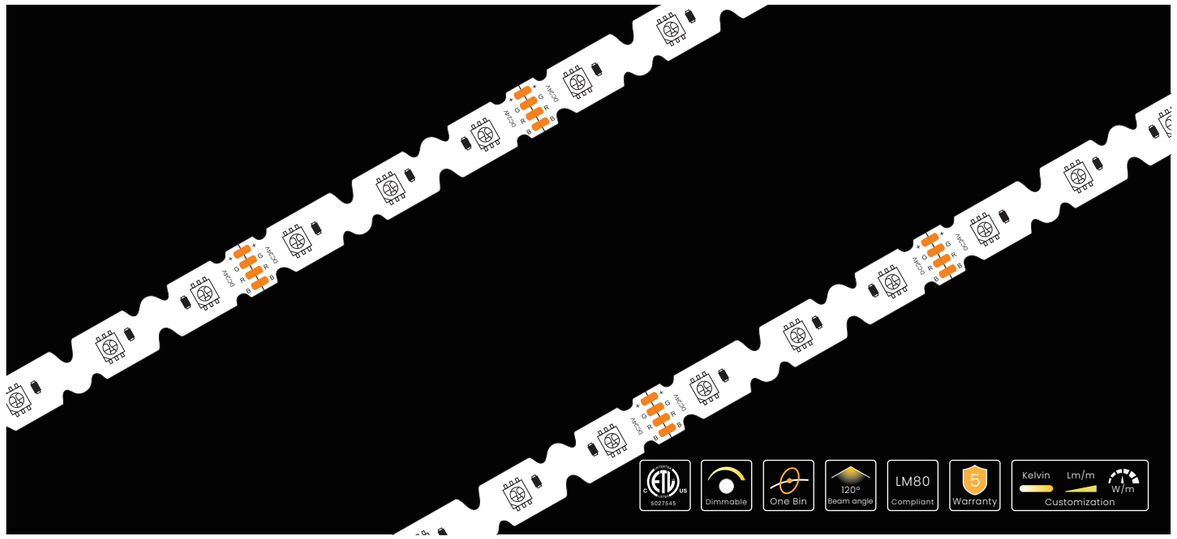


Light Distribution Curve
(24V, 19.2W, 2700K+6000K)

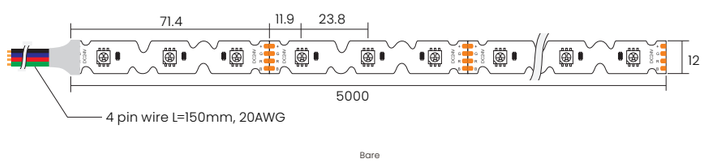


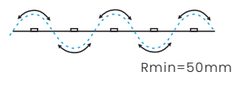
Effective Average Illuminance

S SHAPE RGB 5050 42LEDs 12mm



Dimensions & Waterproof(Unit: mm)







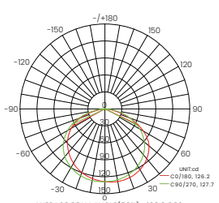
Product Specification

Power(W)	10Watt/meter
Voltage(V)	DC24V/DC12V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

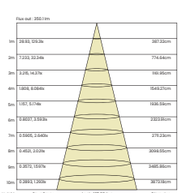
Product Photometrics (The data base on IP20)

CRI	CCT	lm/m	w/m	lm/w
--	R	103.10	3.20	32.21
	G	336.34	3.52	95.55
	B	61.96	3.28	18.89
	RGB	440.00	10	44

Illuminance Distribution



Light Distribution Curve
(24V, 10W, RGB)

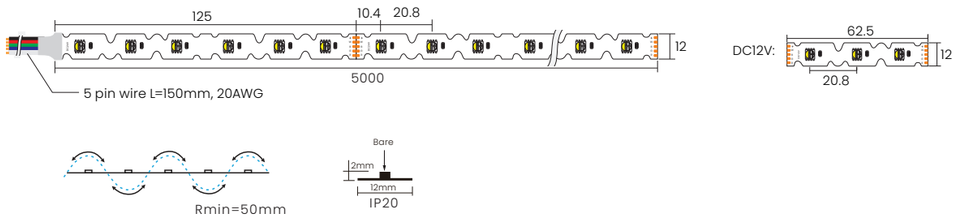


Effective Average Illuminance

S SHAPE RGBW 5050 48LEDs 12mm



Dimensions & Waterproof(Unit: mm)



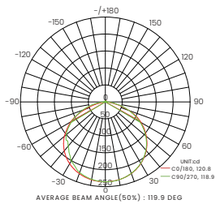
Product Specification

Power(W)	14.4Watt/meter
Voltage(V)	DC24V/DC12V
Copper foil	2 oz
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

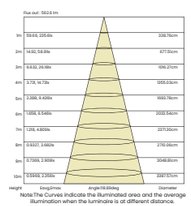
Product Photometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
>90	R	113.6	3.21	35.39
	G	313.9	3.85	81.53
	B	84.81	3.54	23.96
>80	6000K	450.36	4.11	109.58
	RGBW	956.360	14.43	66.27

Illuminance Distribution



Light Distribution Curve
(24V, 15W, RGBW)



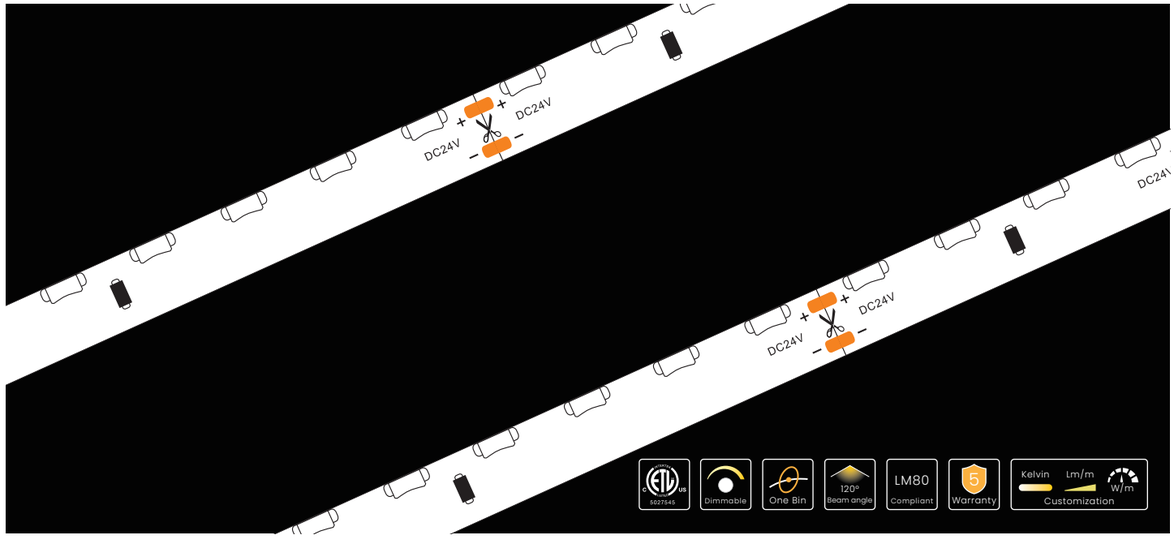
Effective Average Illuminance

SMD SIDE EMITTING

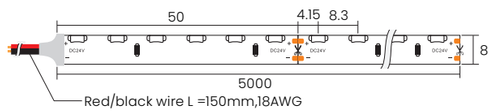
Side emitting LED strips mount SMD LEDs sideways on the PCB so light projects at 90° from the mounting surface — ideal where top-emitting strips cannot reach, such as slim coves, narrow channels, stair and shelf edges, and channel letters.

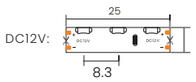


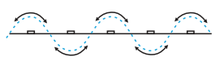
SIDE EMITTING 3014 120LEDs 8mm

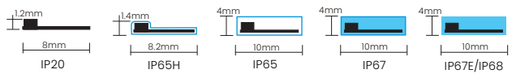


Dimensions & Waterproof(Unit: mm)









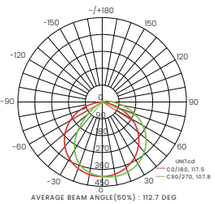
Product Specification

Power(W)	12Watt/meter
Voltage(V)	DC24V/DC12V
Copper foil	2 oz
Ambient Temperature	-20℃~+50℃
Storage Temperature	-40℃~+80℃

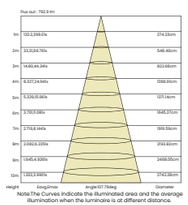
Product Photometrics (The data base on IP20)

CRI	CCT	lm/m	w/m	lm/w
>80	2700K±100	1032	12	86
	3000K±100	1056	12	88
	4000K±200	1112	12	92.67
	6500K±300	1092	12	91

Illuminance Distribution



Light Distribution Curve
(24V, 12W, 4000K)



Effective Average Illuminance



LED STRIP SAMPLE BOOK 7.0

All-in-one display kit.

Portable. Professional. Easy to present.

The LED Strip Sample Book is a portable collection of popular strip models, powered by 5VDC via Type-C—perfect for on-the-go demonstrations. An essential tool for sales teams and project presentations.

Watch the Demo Video

ledyi.co/strip/sample-book



WALL WASHER

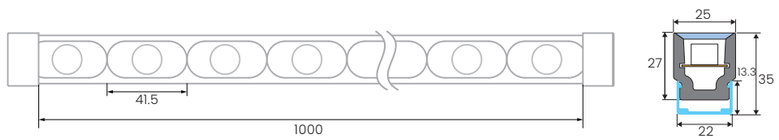
This wall washer series combines flexible designs with precision optics to deliver uniform illumination across architectural surfaces. Available in multiple beam angles and power options, it adapts to straight and curved installations, making it ideal for facades, columns, and other architectural features.

WALL WASHER FW2527



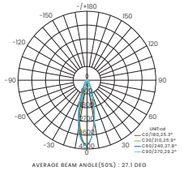
- This wall washer is designed for both vertical and horizontal bending, offering true 3D flexibility to adapt to complex curves and tight architectural spaces.
- With high-quality LEDs and optical lenses, it delivers stable wall-washing height and uniform illumination.
- Slim, compact, and IP65-rated—ideal for both indoor and outdoor applications.

Dimensions(Unit: mm)

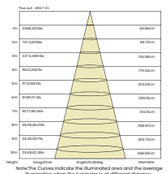


Basic Parameters

Series	25x27
Standard Length	1m
LEDs / M	24 led/m
Distance Between Led	41.5mm
Ambient Temperature	-25°C~+60°C
Storage Temperature	-25°C~+60°C
IP Degree	IP65
Max.run length	5m
Beam angle	15°/25°/35°/20*55°



Light Distribution Curve
(24V, 24W, 3000K, 15°)



Effective Average Illuminance

Single color

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	24w
Max. Run Length	5m
Cutting Length	250mm

Parameters (LED 3030)

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±100	1349	24	57.8
	3000K±100	1453	24	61
	4000K±100	1621	24	66
	5000K±200	1800	24	75
	2700-6500K±200	1944	24	55

DMX 512
Digital

DMX RGBW

Voltage	DC24 V
IC Model	QUCS512H4
Power(w/m)	24W
Pixels(PCS)	4
Cutting Length	250mm

Parameters (LED 3030)

CRI	CCT	lm/m	w/m	lm/w
--	R:620	750	24	30
	G:530	750	24	30
	B:460	750	24	30

Parameters (LED 3535)

CRI	CCT	lm/m	w/m	lm/w
>80	R:620	880	24	36
	G:530	880	24	36
	B:460	880	24	36
	W:2700~6500K	880	24	36

Cable Lead

End Cap & Cable Lead Option




Accessory

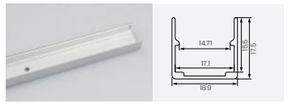
Accessories









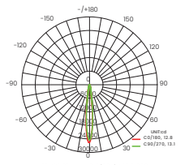




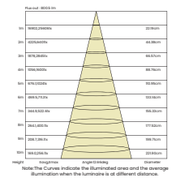
WALL WASHER FW4636



- The star chain wall washer features flexible horizontal bending and delivers powerful 24–56W/m illumination.
- With an aluminum alloy housing, IP66 protection, and multiple beam angles (12°, 25°, 40°, 60°, 10×22°, 15×55°), it adapts to diverse facade and architectural lighting.
- Supporting DMX512, DALI, and ON/OFF control, it ensures smart and versatile operation.

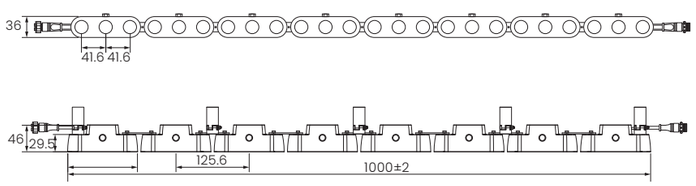


Light Distribution Curve
(24V, 56W, 3000K, 12°)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Working Voltage	DC24V
CRI	>90
Rated Power/m	24~56w
Ambient Temperature	-20°C~+45°C
Storage Temperature	-25°C~+40°C
Beam Angle(50%)	12°/25°/40°/60°/10x22°/15x55°
Max.run Length	10m(24w/m), 4m(56w/m)
Control Mode	PWM/DMX512

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	56w
Max. Run Length(CC)	4m

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1800K	2385	56	42.6
	2200K	2340	56	41.8
	2700K	2875	56	51.3
	3000K	3267	56	58.3
	4000K	3446	56	61.5
	5000K	3698	56	66.0
	6000K	3555	56	63.5
--	Red	1948	56	34.8
	Green	3485	56	62.2
	Blue	1006	56	18.0

DMX 512 Digital

DMX RGBW

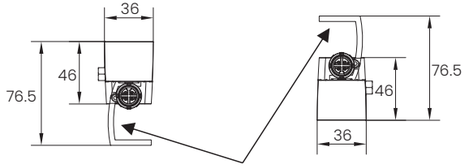
Voltage	DC24V
IC Model	UCS512DHN
Power(w/m)	56W
Pixels(PCS)	8

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	402	14	28.7
	G	1042	14	74.5
	B	305	14	21.8
>90	3000K	814	14	58.2
	RGBW	2469	56	44.1

Accessory

Accessories



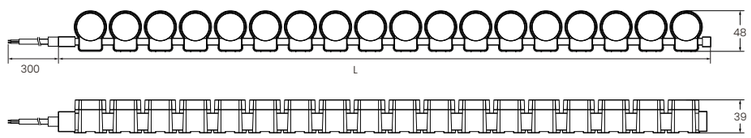
Mounting Accessories Adjustable Angle 180°

WALL WASHER FW4839



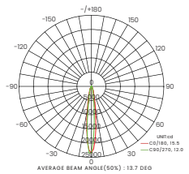
- This high-output wall washer features flexible horizontal bending and delivers powerful 48W/m illumination—ideal for tall facade lighting and wide architectural surfaces.
- Rated IP67 and available in various beam angles, it supports DMX512, DALI, and ON/OFF control.

Dimensions(Unit: mm)



Basic Parameters

Working Voltage	DC24V
CRI	>80
Rated Power/m	48w
Ambient Temperature	-25°C~+40°C
Storage Temperature	-25°C~+40°C
Beam Angle(50%)	10°/24°/36°/60°/10*30°/10*60°
Max.run Length	3.5m
Control Mode	PWM/DMX512



Light Distribution Curve
(24V, 10W, 4000K)



Effective Average Illuminance

Single color

Single Color

Voltage	DC24V
Circuit Design	CC
Power(w/m)	48w
Max. Run Length	3.5m
Cutting Length	250mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>80	1800K	2312	48	48.1
	2200K	2270	48	47.2
	2700K	2787	48	58.0
	3000K	3165	48	65.9
	4000K	3339	48	69.5
	5000K	3582	48	74.6
	6500K	3442	48	71.7
--	Red	1891	48	39.3
	Green	3376	48	70.3
	Blue	978	48	20.3

DMX 512 Digital

DMX RGBW

Voltage	DC24 V
IC Model	SM18522PH
Power(w/m)	48W
Pixels/m	4
Cutting Length	250mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>80	R	389	12	32.4
	G	1010	12	84.1
	B	296	12	24.6
	3000K	789	12	65.7
	RGBW	2391	48	49.8

Cable Lead

End Cap & Cable Lead Option

End Cap (IP67)



Front Cable Entry



Side Cable Entry



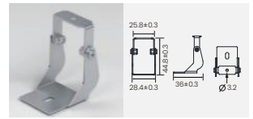
Closed End Cap

Accessory

Accessories



Clips
Dimension: 73mm

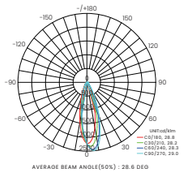


Adjustable Clips
Dimension: 44.8mm

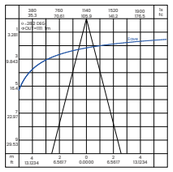
WALL WASHER FW3D2020



- This 3D wall washer supports both vertical and horizontal bending, making it ideal for complex curves and architectural outlines.
- Made of solid TPU and sealed with PU resin, it ensures excellent UV resistance, IP67 waterproof protection.
- Integrated with LUMILEDS EMC3030 LEDs, it delivers 90 lm/W efficiency and CRI 90+ for high-quality illumination.

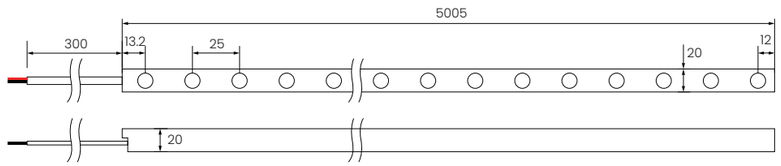


Light Distribution Curve
(24V, 3000K, 30°)



Effective Average Illuminance

Dimensions(Unit: mm)



Basic Parameters

Series	20x20
Standard Length	5m
LEDs / M	40 led/m
Distance Between Led	25mm
Ambient Temperature	-25°C~+50°C
Storage Temperature	-30°C~+85°C
IP Degree	IP67
Max.run length	5m
Beam angle	Optical Lens:15°/30°/40°/60°/15*30°/15*60°

Single Color

Voltage	DC24V
Circuit Design	CV
Power(w/m)	36w
Max. Run Length	5m
Cutting Length	100mm/4LED

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2200K	2312	36	68
	2700K	2652	36	78
	3000K	2890	36	85
	3500K	2992	36	88
	4000K	3128	36	92
	5000K	3196	36	94
	6500K	3060	36	90



WALL WASHER PU-2010

Adopting TPU material, it' s resistant to yellowing, high temperature, corrosion, weak acid and alkali, and has great flexibility.
PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability.
It can replace the traditional hard wall washer light or LED strip. It' s small in size, light in weight, flexible and easy to install.
Various beam angles are available for different applications.
With low voltage DC24V, higher safety factor.

PRODUCT PARAMETER

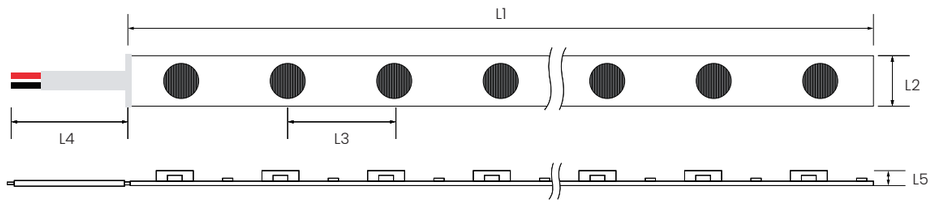
Model	Size(mm) (W*H)	Unit Length (mm)	Voltage (Vdc)	Power (w/m)	Beam Angle	CRI	Lumen (lm/m)	LED	CCT(K)
LY24-FW3030Wx-2010 HOT	19.5x10	125(3LEDs)	24v	18	15°/30°/45°/60°/ 25*45°/25*45*10°	>80	1692@3000k	Lumileds 3030 1W	2700K/3000K/ 4000K/5000K
LY48-FW3030Wx-2010 HOT	19.5x10	62.5(3LEDs)	24v	24	15°/30°/45°/60°/ 25*45°/25*45*10°	>80	2304@3000k	Lumileds 3030 1W	2200K/2700K/ 3000K/4000K/ 5000K
LY48-FW3030TW2765-2010	19.5x10	125(6leds)	24v	24	15°/30°/45°/60°/ 25*45°/25*45*10°	>80	1080@2700k 1200@6500k	Lumileds 3030 1W	2700K+6500K
LY28-FW5054RGB-2010	19.5x10	250(7LEDs)	24v	19.2	30°/60°/25*45°	N/A	168@Red 432@Green 78@Blue	1.5W/5054 RGB	RGB
LY28-FW5054RGBWx-2010	19.5x10	250(7LEDs)	24v	24	30°/60°/25*45°	N/A	168@Red 432@Green 78@Blue	2W/5054 RGBW	RGB+2700K/ 3000K/4000K
LY24-FW3030-DMX512Wx-2010	19.5x10	125(3leds) 8pixel/m	24v	18	15°/30°/45°/60°/ 25*45°/25*45*10°	>80	1692@3000k	Lumileds 3030 1W	2700K/3000K/ 4000K/5000K (UCS512D)
LY28-FW5045-DMX512RGB-2010	19.5x10	250(7leds) 4pixel/m	24v	19.2	30°/60°/25*45°	N/A	168@Red 432@Green 78@Blue	1.5W/5054 RGB	RGB (UCS512D)
LY28-FW5045-DMX512RGBW-2010	19.5x10	250(7leds) 4pixel/m	24v	24	30°/60°/25*45°	N/A	168@Red 432@Green 78@Blue	2W/5054 RGBW	RGB+2700K/ 3000K/4000K (UCS512D)

Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

WALL WASHER PU-2010 3030 24LEDs



Dimensions(Unit: mm)



L1 (mm)	5020±10	L4 (mm)	328±5
L2 (mm)	19.5±1.5	L5 (mm)	10±1
L3 (mm)	41.7±2		

Basic Parameters

Voltage	24V
LEDs / M	24LEDs
Cuttable length(mm)	125 mm/3 LED
Ambient Temperature	-25°C~+50°C
Storage Temperature	-30°C~+85°C
Power(w/m)	18w
Max.run length	5m
Beam angle	15°,30°,45°,60°, 25x45°,25x45x10°

Parameters

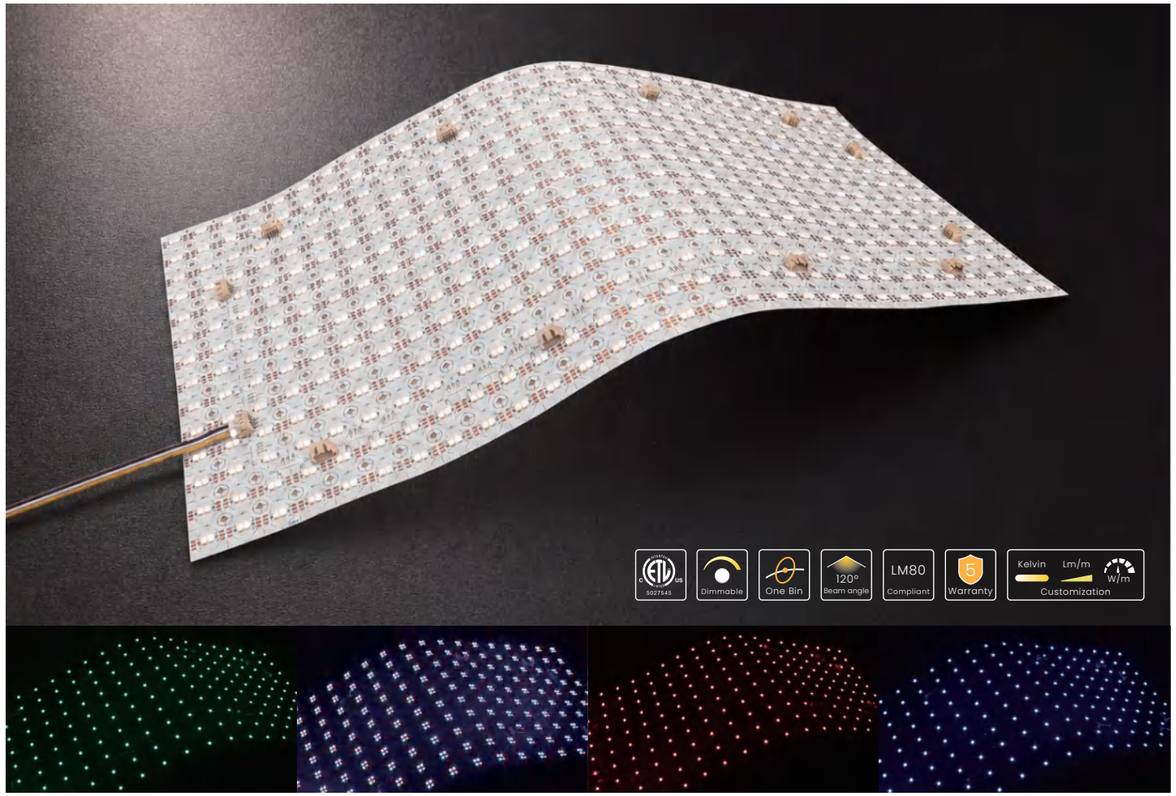
CRI	CCT	lm/m	w/m	lm/w
>80	2700K	1584	18	88
	3000K	1692	18	94
	4000K	1728	18	96
	5000K	1764	18	98

LED SHEET

Flex LED Sheets, also called Flex LED Tiles, Flex LED Light Sheets, are thin, flexible sheets of LEDs that can be mounted in light boxes, panels, screen, or other back-lighting applications. The Flex LED Sheets is thin and cuttable, can be cut to almost every shape, making them applicable to illuminating curved, sloped, or large objects. Intuitive, plug-and-play connections ensure reduced installation time and cost.



LED SHEET



Single color

Single Color

Voltage	DC24V
Power(w/m)	11W~33W
Size(mm)	503.5 x 235
LED Type	SMD2835
LED QTY(Sheet)	420LEDs
LED Segment(Seg)	1LED
Ambient temperature	-25°C~+45°C
Storage temperature	-25°C~+60°C

Order code: LY420-LS2835 W30-W24-11W
CCT: W27/W30/W40/W65
Power: 11W/22W/33W

Parameters (CC)

CRI	CCT	lm/Sheet	w/Sheet	lm/w
>90	2700K	1012	11	92
	3000K	1012	11	92
	4000K	1144	11	104
	6500K	1078	11	98
	2700K	2024	22	92
	3000K	2024	22	92
	4000K	2288	22	104
	6500K	2156	22	98
	2700K	3036	33	92
	3000K	3036	33	92
	4000K	3432	33	104
	6500K	3234	33	98

Tunable

Tunable White

Voltage	DC24V
Power(w/m)	22W~66W
Size(mm)	503.5 x 235
LED Type	SMD2835
LED QTY(Sheet)	840LEDs
LED Segment(Seg)	2LED
Ambient temperature	-25°C~+45°C
Storage temperature	-25°C~+60°C

Order code: LY840-LS2835 TW2765-W24-22W
CCT: TW27/TW65/TW2765
Power: 22W/44W/66W

Product Photometrics

CRI	CCT	lm/Sheet	w/Sheet	lm/w
>90	2700K(ONLY)	1012	11	92
	6500K(ONLY)	1078	11	98
	2700K+6500K	2090	22	95
	2700K(ONLY)	2024	22	92
	6500K(ONLY)	2156	22	98
	2700K+6500K	4180	44	95
	2700K(ONLY)	3036	33	92
	6500K(ONLY)	3234	33	98
	2700K+6500K	6270	66	95

Note:

Our tunable white LEDs utilize separate warm and cool white channels for color mixing.3rd party controls must account for proportional balancing of the two channels. Example: If Warm White = 100% ON then Cool White = OFF. If Warm White = 25% ON, then Cool White = 75% ON.

RGBW

RGBW

Voltage	DC24V
Power(w/m)	11W~33W
Size(mm)	503.5 x 235
LED Type	SMD2835
LED QTY(Sheet)	800LEDs
LED Segment(Seg)	4LED
Ambient temperature	-25°C~+45°C
Storage temperatureS	-25°C~+60°C

Order code: LY800-LS2835 RGBW-W24-11W
Power: 11W/22W/33W

Product Photometrics

CRI	CCT	lm/Sheet	w/Sheet	lm/w
--	R	55	2.75	20
	G	217	2.75	79
	B	91	2.75	33
	W	248	2.75	90
	RGBW	151	11	55
	R	110	5.5	20
	G	435	5.5	79
	B	182	5.5	33
	W	495	5.5	90
	RGBW	303	22	55
	R	168	8.25	20
	G	652	8.25	79
	B	272	8.25	33
	W	743	8.25	90
	RGBW	454	33	55

SPI
Digital

Digital SPI

Voltage(V)	DC24V
Power(W)	92W
Size(mm)	503.5 x 235
LED Type	SMD2835
LED QTY(Sheet)	800LEDs
IC Type	UCS2904
Pixel(Sheet)	50Pixels
Ambient temperature	-20°C~+50°C
Storage temperature	-25°C~+60°C

Order code: LY800-LS2835 RGBW-W24-SPI

Product Photometrics

CRI	CCT	lm/Sheet	w/Sheet	lm/w
>90	RGBW	5060	92	55

DMX
512
Digital

Digital DMX512

Voltage(V)	DC24V
Power(W)	32W
Size(mm)	503.5 x 235
LED Type	SMD2835
LED QTY(Sheet)	512LEDs
IC Type	UCS512C1L
Pixel(Sheet)	32Pixels
Ambient temperature	-20°C~+50°C
Storage temperature	-25°C~+60°C

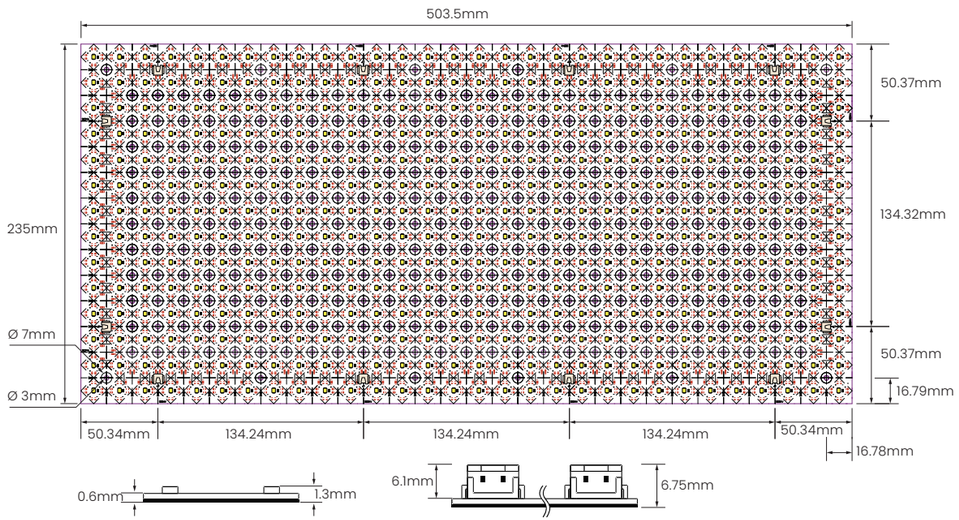
Order code: LY512-LS2835 RGBW-W24-DMX512

Product Photometrics

CRI	CCT	lm/Sheet	w/Sheet	lm/w
>90	R	149.4	32	12.05
	G	508.7	32	41.02
	B	255.7	32	20.62
	4000K	691	32	55.66
	RGBW	1559	32	49.96

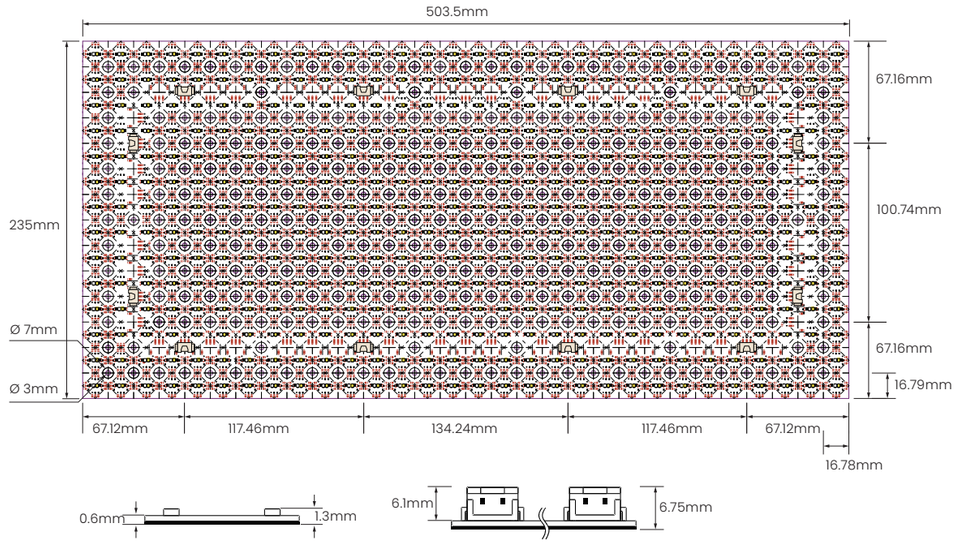
Single color

Single White Dimensional Drawings



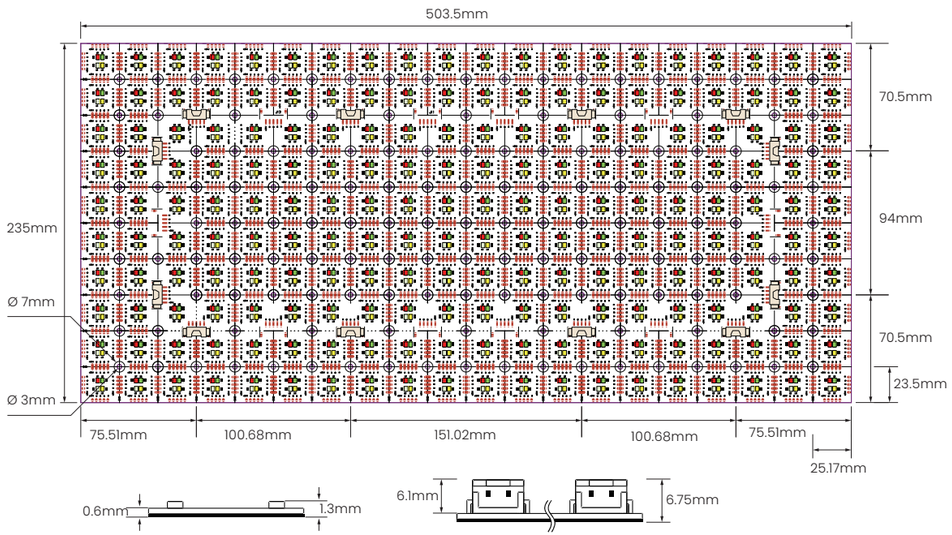
Tunable

Tunable White Dimensional Drawings



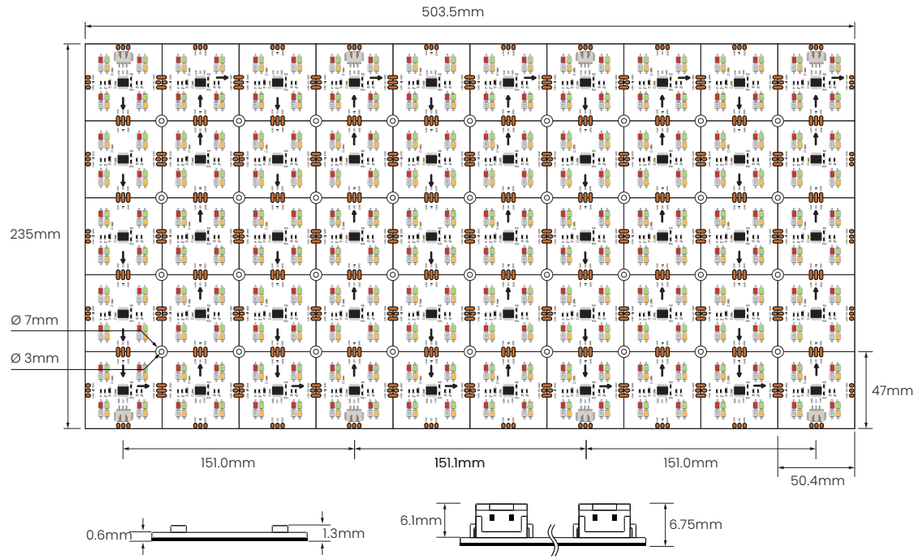
RGBW

RGBW Dimensional Drawings



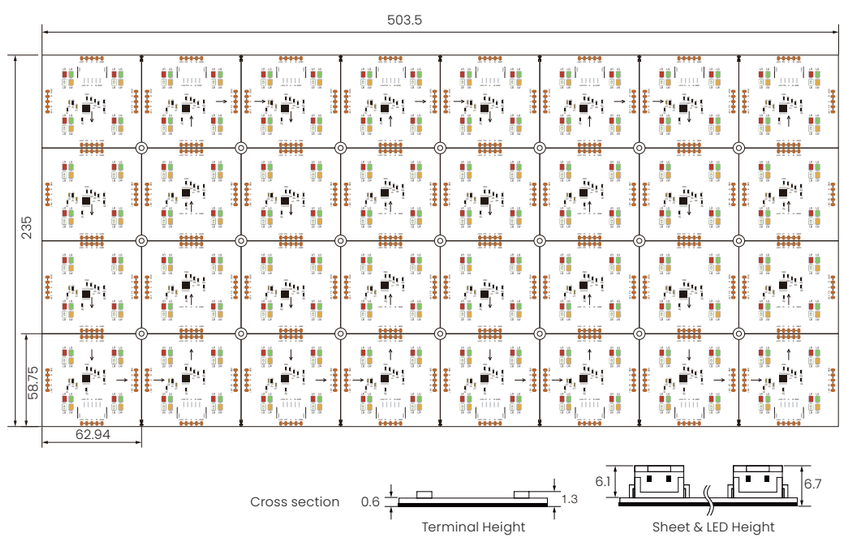
SPI Digital

UCS2904 SPI RGBW Dimensional Drawings



DMX 512 Digital

UCS512C1L DMX512 RGBW Dimensional Drawings



LED RIGID BAR

Modular LED linear light is plug and play, widely used in jewelry cabinets, supermarket shelves, commodity display cabinets, indoor furniture, and others.

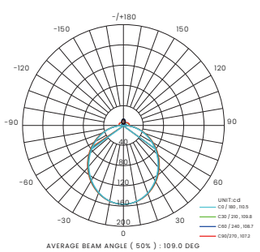
LED RIGID BAR

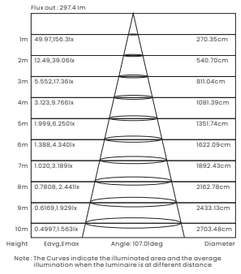


- A slim, modular LED linear lighting system featuring fast, solder-free connections and seamless illumination without dark areas. Multiple lengths, corner modules and 180° adjustable connectors enable flexible layouts, while magnetic, fixed and angled mounting options simplify installation. Supports continuous runs up to 6 m without noticeable brightness loss and PWM dimming. Ideal for jewelry showcases, supermarket shelves, display cabinets and furniture lighting.

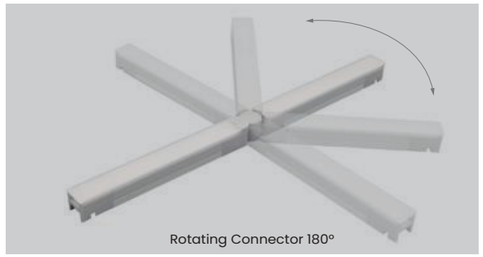
Dimensions(Unit: mm)

Item No	Dimension	A	B	C	D
LM1213B-100	L100 x W12.5 x H13mm L3.94 x W0.49 x H0.51"	100mm 3.94"	103mm 4.05"		
LM1213B-200	L200 x W12.5 x H13mm L7.87 x W0.49 x H0.51"	200mm 7.87"	203mm 7.99"	12.5mm 0.49"	13mm 0.51"
LM1213B-500	L500 x W12.5 x H13mm L19.68 x W0.49 x H0.51"	500mm 19.68"	503mm 19.8"		





Connecting System











White Color

Item No	Power	Luminous(LM/pcs) (4000K)	Color temperature	Other
LM1213B-100	1.5W	100lm	2700K 3000K 3500K 4000K 6000K	Voltage DC24v Color Rendering Index Ra>90 The Luminous Angle Is 120° Working Environment -25°C~45°C Life Span 40,000 Hours 70% Waterproof Grade IP20 Class III Protection
LM1213B-200	3W	190lm		
LM1213B-500	6W	480lm		
LM1213B-L100	3W	160lm		
LM1213B-N100	3W	150lm		
LM1213B-W100	2.4W	160lm		
LM1213B-X180	4.8W	320lm		
LM1213B-T180	3.6W	250lm		
LM1213B-R215	3.0W	180lm		

CCT Tunable

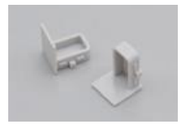
Item No	Power	CCT	Luminous ±10% 2700K	4000K	6000K	Other
LM1213B-500-TW	6.5W	2700K+6000K	385lm	405lm	445lm	Voltage DC24V Color Rendering Index Ra>90 The Luminous Angle is 120° Working Environment -25~45°C Life Span 40,000 hours 70% Waterproof Grade IP20 Class III Protection
LM1213B-L100-TW	2.5W		150lm	160lm	165lm	
LM1213B-N100-TW	2.3W		125lm	130lm	140lm	
LM1213B-W100-TW	2.5W		150lm	155lm	165lm	
LM1213B-X180-TW	4.5W		265lm	280lm	295lm	
LM1213B-T180-TW	3.4W		200lm	210lm	220lm	
LM1213B-R215-TW	2.2W		130lm	140lm	145lm	

Accessories


Magnetic Fixed Base


Fixed base


Angle Fixed base


Shading End cap


Joint Connector 1


Joint Connector 2


Input Connector 1


Input Connector 2


Input Connector 3


Input Connector 4


Input Connector 5


Splitter 1


Splitter 2


Power supply

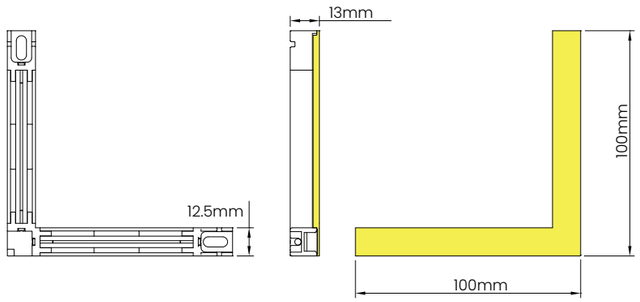

Controller


Remote

Modular Dimension

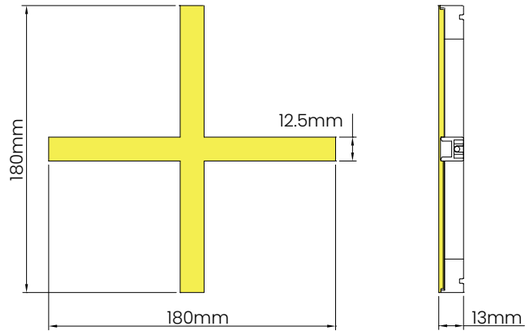


LM1213B-L100/LM1213B-L100-TW



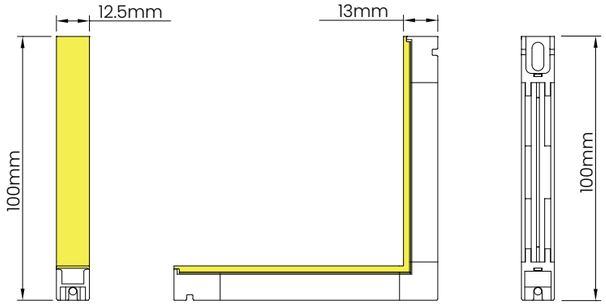


LM1213B-X180/LM1213B-X180-TW



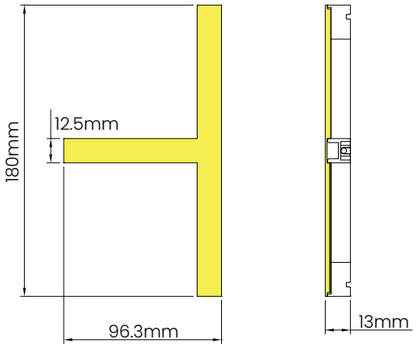


LM1213B-N100/LM1213B-N100-TW



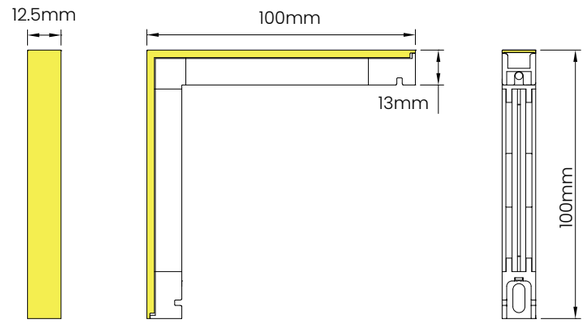


LM1213B-T180/LM1213B-T180-TW



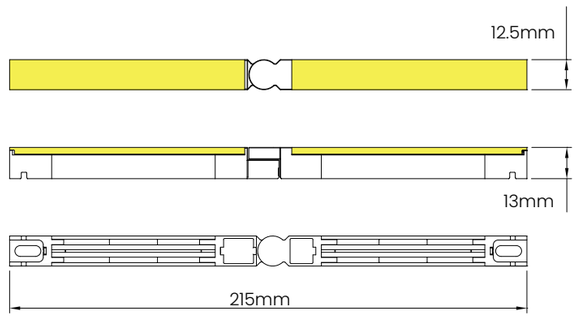


LM1213B-W100/LM1213B-W100-TW





LM1213B-R215/LM1213B-R215-TW



ACCESSORY

The LED accessory series offers a range of components designed to complement and enhance LED strip lights. This collection includes LED controllers, power supplies, aluminum extrusions, connectors, and 3M double-sided tape. These accessories provide flexible and complete solutions to improve both the functionality and aesthetics of LED strip lighting systems.

LED CONTROLLER

Single Color Controller



Type: Controller
Model: LY-V1-L
Voltage: DC12V~DC48V
Current: <15A@DC12/24V
10A@DC36/48V
Power: 180W~480W
Size: 175x45x27mm



Type: Touch Pad Remote
Model: LY-T11(T11-K)
Voltage: AC100~240V
Power: <1W
Size: 86x86x33(49)mm



Type: Hand-held Remote
Model: LY-RT1
Battery: AAA*2pcs
Current: 5mA
Size: 122x53x17.5mm

Tunable White Controller



Type: Controller
Model: LY-V2-L
Voltage: DC12~48V
Current: 2*8A
Power: <2*(96~384W)
Size: 170x50x23mm



Type: Touch Pad Remote
Model: LY-T12(T12-K)
Voltage: AC100~240V
Power: <1W
Size: 86x86x33(49)mm



Type: Hand-held Remote
Model: LY-RT2
Battery: AAA*2pcs
Current: 5mA
Size: 122x53x17.5mm

RGB Controller



Type: Controller
Model:LY-V3-L
Voltage: DC12~48V
Current: 3*6A
Power: <3*(72~288W)
Size: 175x45x27mm



Type: Touch Pad Remote
Model: LY-T13(T13-K)
Voltage: AC100~240V
Power: <1W
Size: 86x86x33(49)mm



Type: Hand-held Remote
Model: LY-RT4(RT9)
Battery: AAA*2pcs
Current: 5mA
Size: 122x53x17.5mm

RGBW Controller



Type: Controller
Model:LY-V4
Voltage: DC12~48V
Current: 4*5A
Power: 4*(60~240)W
Size: 175x45x23mm



Type: Touch Pad Remote
Model: LY-T14
Voltage: AC100~240V
Power: <1W
Size: 86x86x33mm



Type: Hand-held Remote
Model: LY-RT4(RT9)
Battery: AAA*2pcs
Current: 5mA
Size: 122x53x17.5mm

Amplifier



Model: LY-EV1-S
Voltage: DC12V~24V
Current: 1*15A
Power: 24~360W
Size: 175x45x27mm



Model: LY-EV2
Voltage: DC12V~36V
Current: 2*8A
Power: 12V<192, 24V<384W,
36V<576W
Size: 175x45x27mm



Model: LY-EV3
Voltage: DC12V~36V
Current:3*6A
Power: 12V<216, 24V<432W,
36V<648W
Size: 175x45x27mm

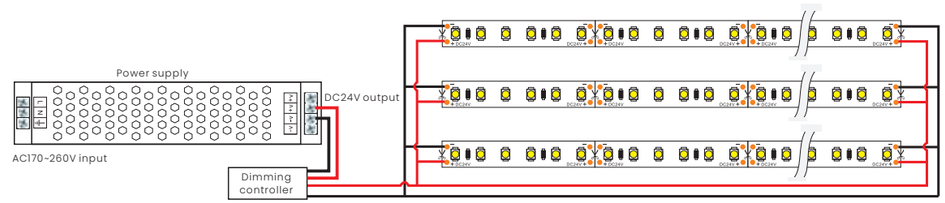


Model: LY-EV4
Voltage: DC12V~36
Current: 4*5A
Power: 12V<240W, 24V<480W,
36V<720W
Size: 175x45x27mm

CONNECTION DIAGRAM

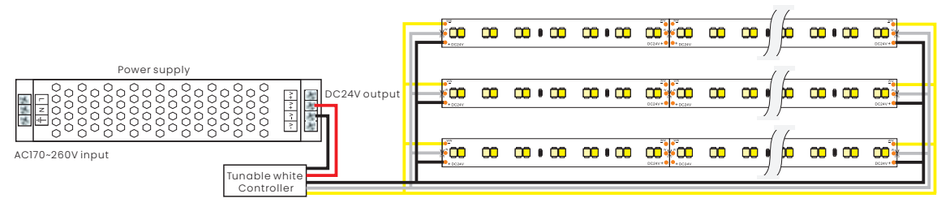
Single color

Single Color Strip (1 channel controller, SMD3528, 180LEDs, 24V, item NO.: LY180-S3528W-W24)



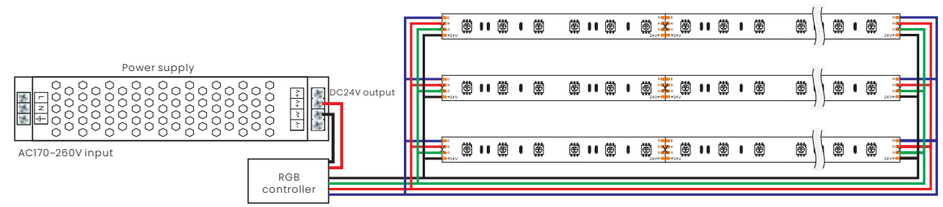
Tunable

Tunable White Strip (2 channels controller, SMD2835, 112LEDS, 24V, Item NO.: LY112-S2835TW-W24)



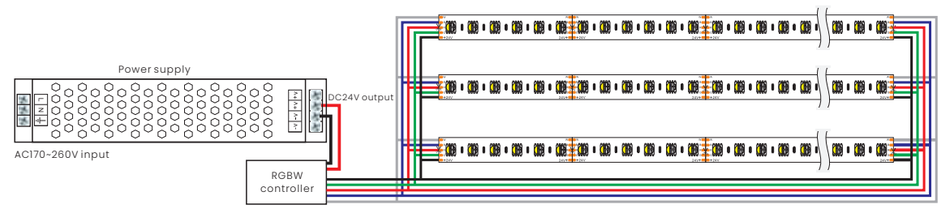
RGB

RGB Color Strip (3 channels controller, SMD5050, 60LEDs, 24V, item NO.: LY60-S5050RGB-W24)



RGBW

RGBW Color Strip (4 channels controller, SMD5050 4 in 1 LED, 96LEDs, 24V, item NO.: LY96-LS5050RGBW-W24)



DMX & SPI CONTROLLER

DMX512 Controller



DMX controller
Model: LY-DMX100
Voltage: DC9V
Output: DMX512
Interface: XLR-3, RJ45, Terminal block
Dimension: 161x100x30mm
Weight(G.W.): 460g

SPI Controller



Digital strip controller
Model: WT-SPI+R9
Voltage: DC5V-DC24V
Output: Max 8A
Pixels: Max 1000pixels
Output power: 40W(5V)/96W(12V)/ 192W(24V)
Dimension: 114x38x20mm
Weight(G.W.): 110g

DMX512 Decoder



SPI DMX decoder
Model: LY-DSA
Voltage: DC5V~DC24V
Input: DMX512 + RF2.4GHz
Output: SPI (TTL)x3
Interface: XLR-3, RJ45 port
Dimension: 165x70x37mm
Weight(G.W.): 330g

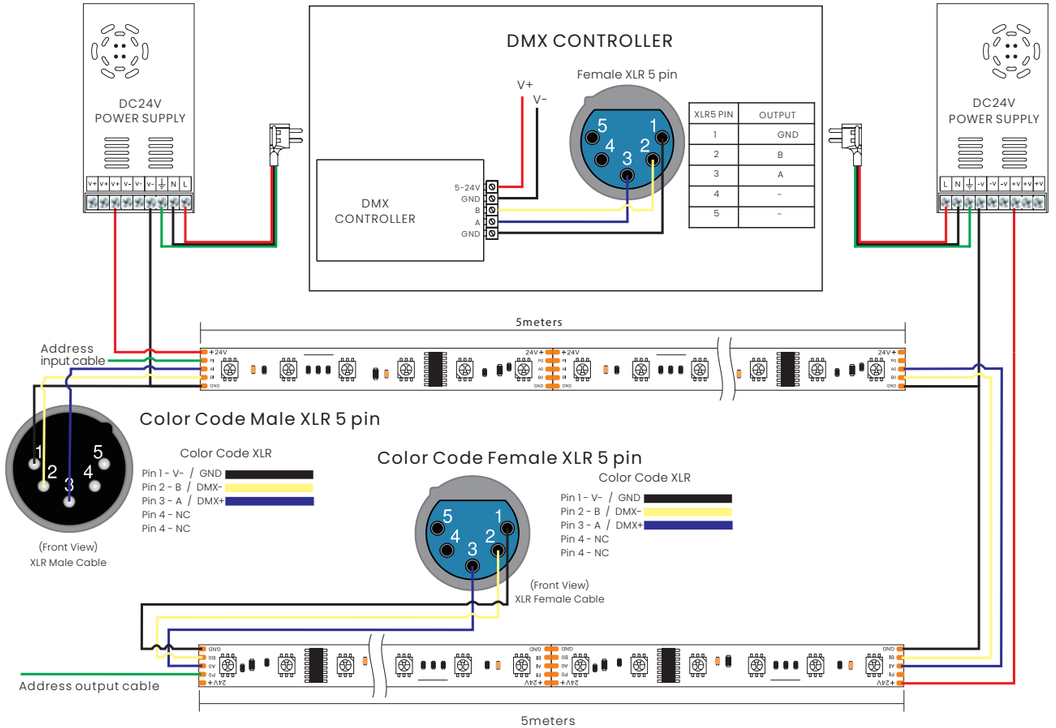
DMX512 Decoder



RGB DMX decoder
Model: LY-D3-XE
Voltage: DC12V~DC36V
Input: DMX512/1990, 30.5A
Output: 10A*3CH
Interface: XLR-3, RJ45 port
Dimension: 165x70x37mm
Weight(G.W.): 330g

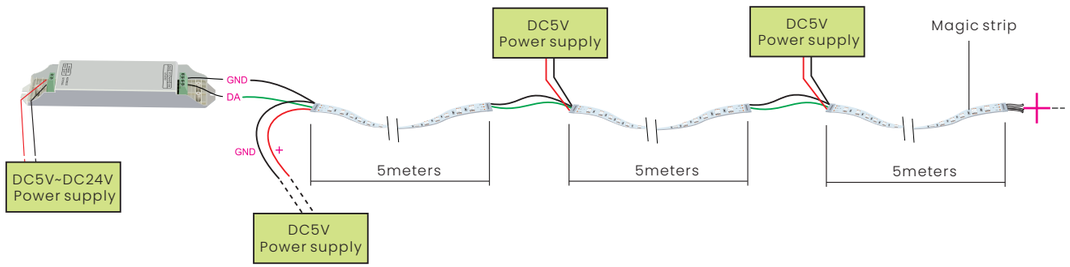
CONNECTION DIAGRAM

DMX512 Strip (DMX controller, DMX512, SMD5050, 60LEDs, 24V item NO.: LY60-DMXS5050RGB-W24)



Important:
1. Regular DMX512 LED Strip not include the XLR connector, if need XLR connector, extra cost will be added.
2. If you want to change the starting address, you will need a DMX Address Editor, available on our website.

SPI Strip (SPI strip controller, SK6812 RGB, SMD5050, 60LEDs, DC5V, item NO.: LY60-SK6812RGB-W5)





LED POWER SUPPLY

Meanwell LRS Series



LRS series
- Economic non-PFC function
- 35W~350W reliable output
- Short cut, overload, over voltage,
- Over temperature protections
- CE,CB,C-UL certificates
- 3years warranty

Meanwell ELG Series



ELG series
- 100~305VAC input range
- 75W~300W reliable output
- Metal case, IP67/IP65 design for indoor or outdoor installations,
- Output adjustable via potentiometer; 3 in 1 dimming (0~10Vdc or 10V PWM signal or resistance, dim-to-off); smart timer dimming; DALI.
- 5years warranty

Meanwell HLG Series



HLG series
- 90~305VAC input, built-in active PFC function
- 40W~600W reliable output
- Metal case, IP67/IP65 design for indoor or outdoor installations,
- Output adjustable via potentiometer; 3 in 1 dimming (1~10Vdc or 10V PWM signal or resistance); timer dimming
- 7years warranty

ALUMINUM PROFILE

Surface mounted



LS1506B LS1612B LS1612H LS1707D LS1715B LS2216 LS2208 LS2310

Recessed series



LE2206B LE2212B LE2507B LE2515B LE2810 LE2908 LE3535G

Corner series



LC1616 LC3030 LC3030B LC1919B LC1919C LC1919F LC1919E

Pendant series



LP1212B LP2020 LP3030P LP6060 LP3535C LP5078 LP9038

Waterproof series



L1707W L2507W L1715W L2515W L1919W L1201W

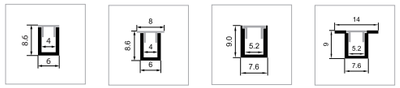
Shelf Magnetic series



LM0810 LM1408 LM1712 LM2512 LM1718 LM2518

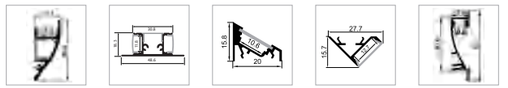
Special Series

Mini Series



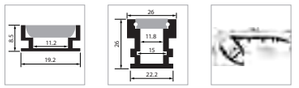
LN0609 LN0609B LN0809 LN0814

Wall series



LW1844 LW1848 LW2112 LW2215 LW5313

Floor Series



LF1908 LF2626 LF6628

Bending Series



LB1018S LB1807

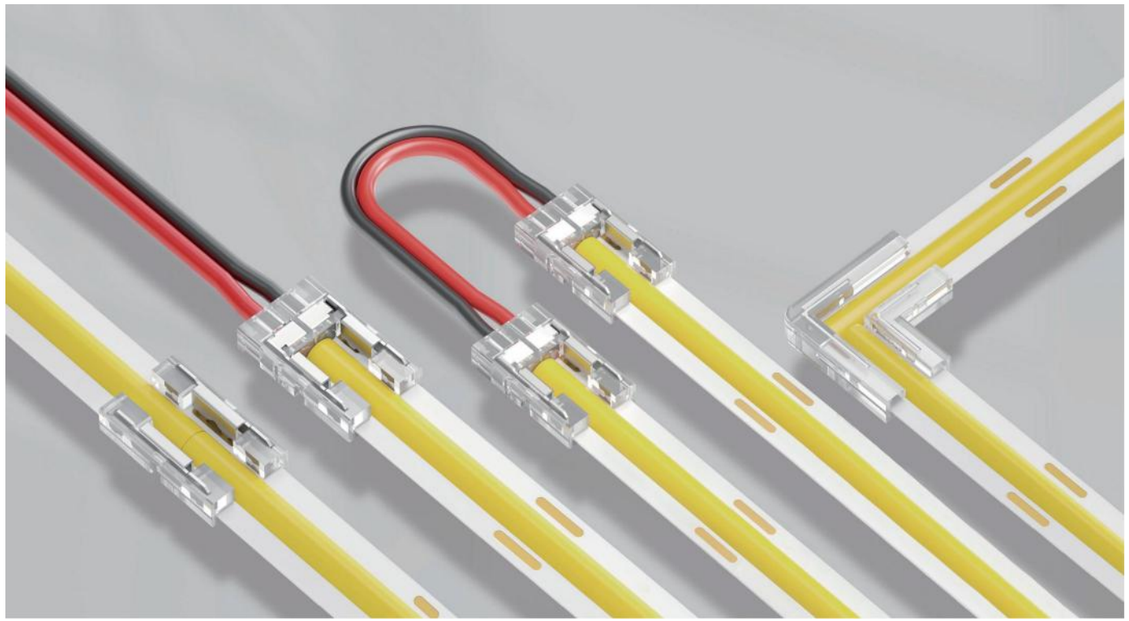
Clothespress Series

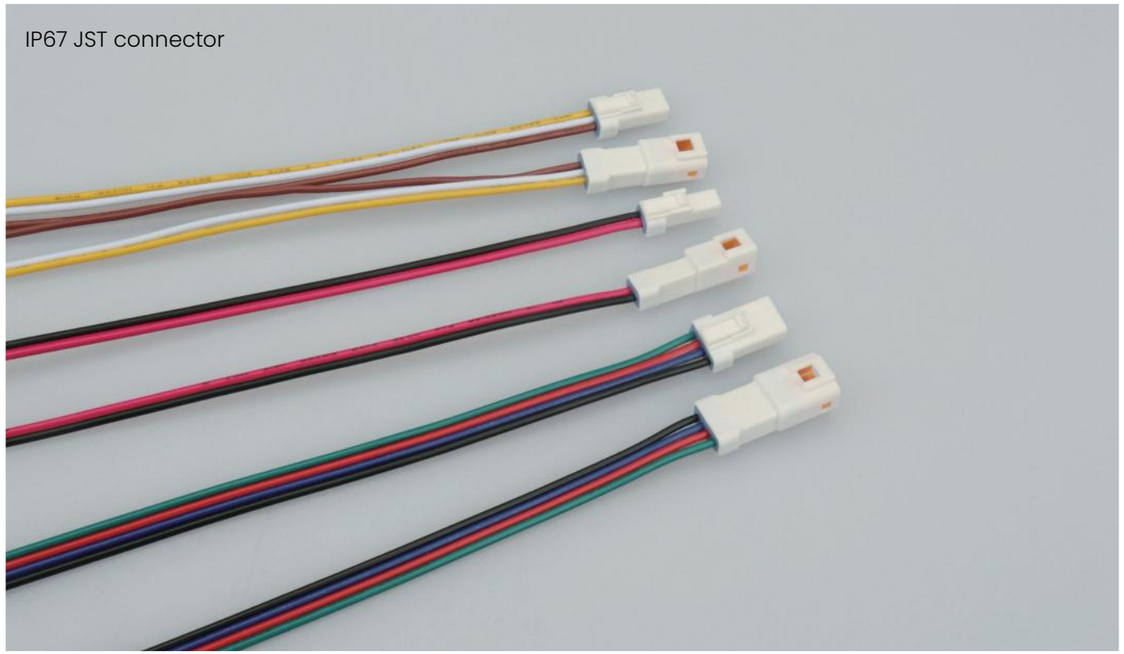


LH1929

LED STRIP CONNECTOR

LED strip connectors enable easy, solderless connections for LED strip lights. Simply insert the LED strip into the connector, where the contact pads on the strip align with the connector's contact prongs, completing the electrical circuit seamlessly.





LED STRIP ADHESIVE TAPES

High-quality double-sided tapes provide secure, tool-free mounting for LED strips. Available in multiple grades—3M 200MP, 300MP, VHB, TESA 4965, and thermal tapes—each designed for specific surfaces, temperatures, and conditions. Outdoor-rated options resist heat, moisture, solvents, and harsh environments. Ideal for clean, long-lasting installations in residential, commercial, and architectural projects.

Scan for Detailed Specifications

ledyi.co/adhesive



Adhesive Tape	Picture	Usage Scenarios	Adhesive Thickness Mils (mm)	Adhesion to Stainless Steel
3M 200MP		Normal Indoor Use	5.2mils(0.13mm)	7.0N/CM
3M 300MP		Normal Indoor Use	4.8mils(0.13mm)	8.6N/CM
3M 9080		Normal Indoor Use	12.8mils(0.32mm)	7.5N/CM
3MVHB 5608N		Indoor or Outdoor Use	30.4mils(0.76mm)	20.0N/CM
tesa 4965		For Aluminum Profile	8.2mils(0.205mm)	14.0N/CM
Blue Thermal Tape		For High Power Strip	4.0mils(0.1mm)	6.0N/CM

