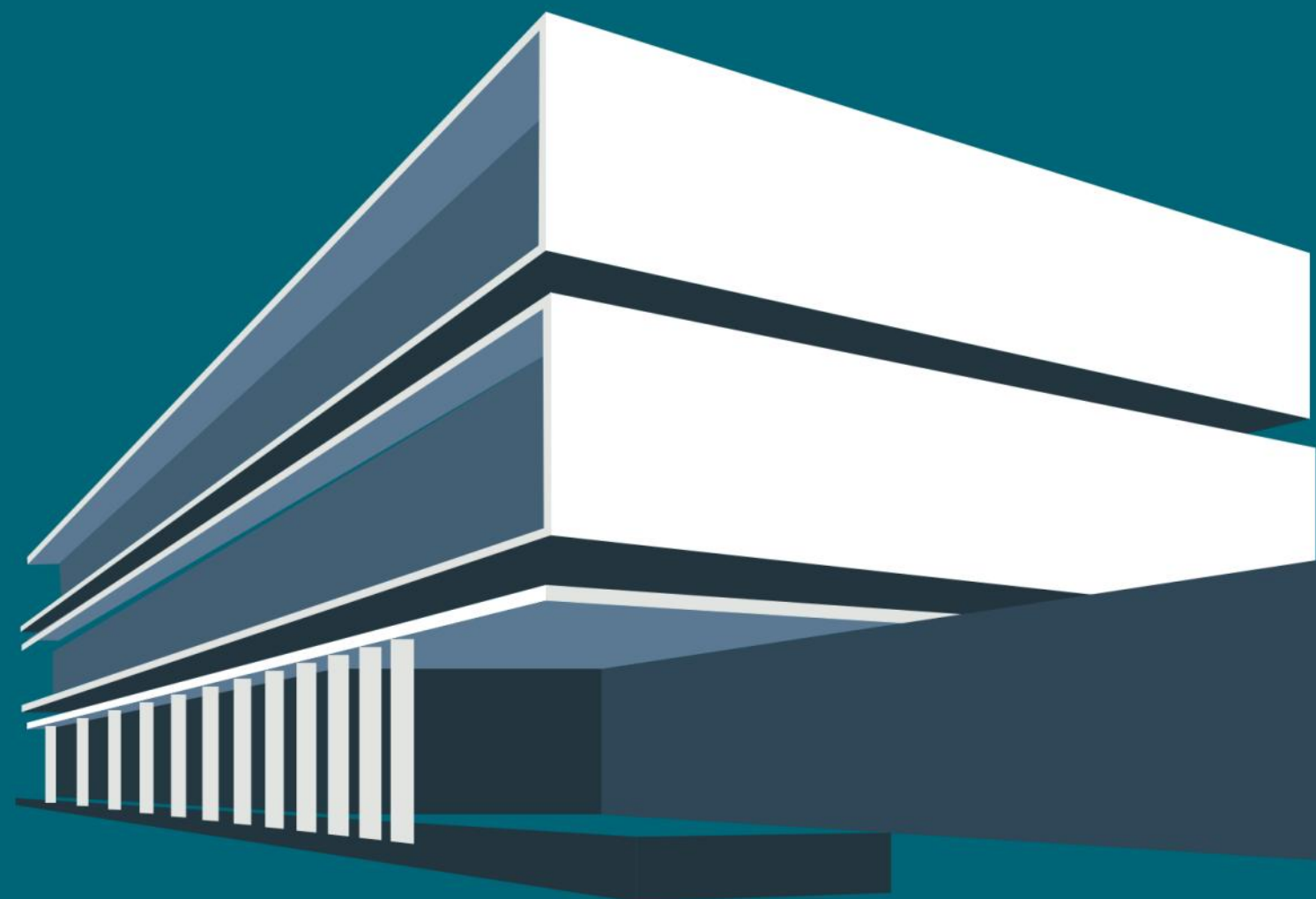


LUMIWISE®

LUMIWISE®

LINEAR LIGHTING SOLUTIONS

PRODUCT CATALOGUE 2025



LUMIWISE®

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All of information is subject to change without notice
Lumwise lighting CO.,LTD @All rights reserved

Company PRODUCTION CENTER

LUMIWISE
LIGHTING

COMPANY

Founded in 2014, Lumiwise lighting focus on high-quality LED linear lighting. We focus on the R&D, production, and sales of LED strips, LED neon, and led profile linear light.

Over approximately 10 years, we've established a stable R&D system, stringent quality control procedures, a comprehensive production supply chain, excellent customer service, and optimal product solutions. This has enabled us to maintain stable relationships with clients in more than 90 countries and regions worldwide, including dominance in the European market.

In the future, Lumiwise Lighting will continue to prioritize quality and R&D in LED lighting, aiming to be the most highly-regarded supplier in the LED field.

MANUFACTURE

Manufacturing Capacity

LUMIWISE operates a two-floor production base in Shenzhen, covering an area of over 5,000 square meters and employing more than 100 staff. The facility houses more than 10 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, LUMIWISE 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.

5000m²+
Plant area

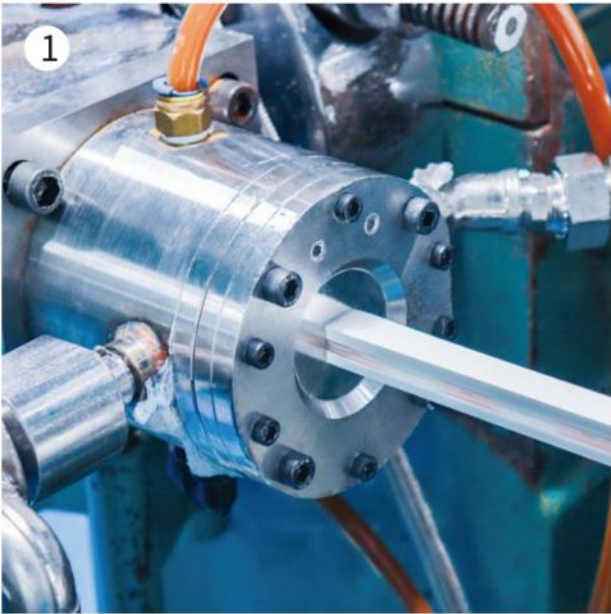
100 +
Staff

25000m +
LED strip/day

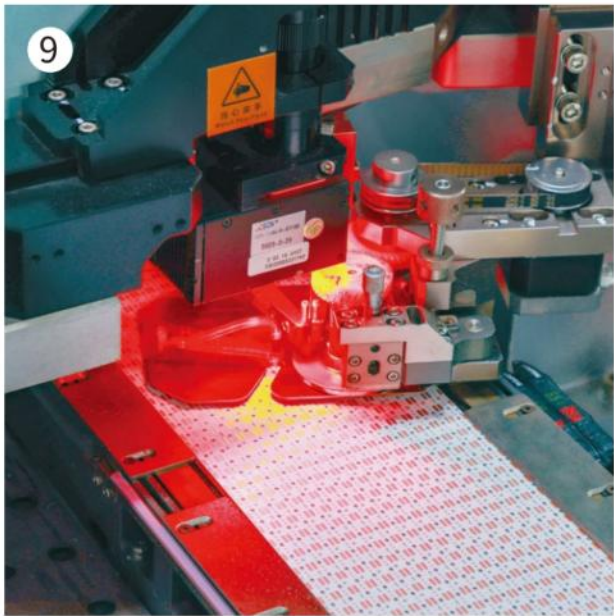
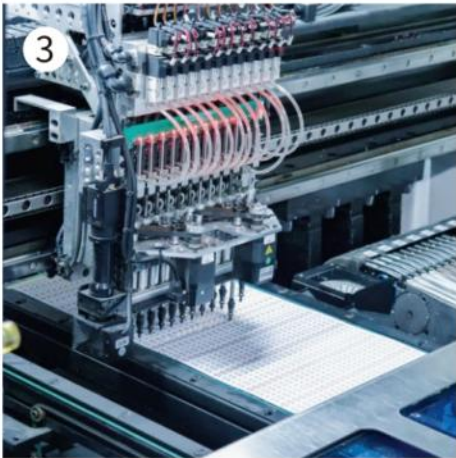
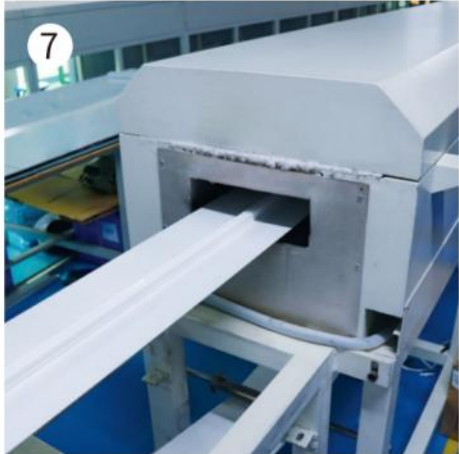
2000m +
COB strip/day

5000m +
Neon flex/day

- 1 Silicone neon extrusion molding
- 2 Silicone neon post-processing
- 3 SMD mounting process
- 4 LED strip waterproofing process



- 5 LED strip soldering process
- 6 LED strip testing process
- 7 Silicone neon oven curing process
- 8 COB LED strip production workshop



- 9 COB LED chip bonding process
- 10 SMD assembly workshop

LABORATORY

The LUMIWISE laboratory spans an area of over 200 square meters and is equipped with more than 18 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.



Arm Drop Test Machine



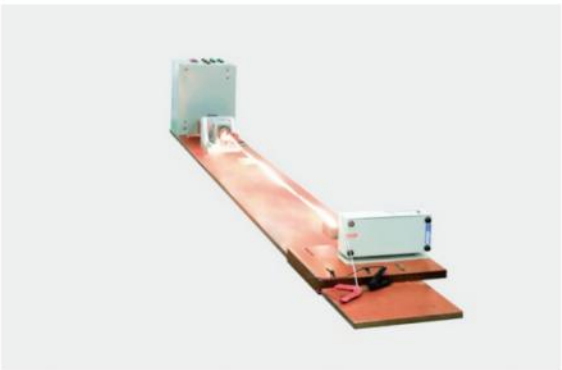
Integrating Sphere



GO-2000 Goniophotometer
Testing Lab



Torsion Test



IPX3-6 Integrated
Waterproof Test Chamber



Microcomputer-Controlled
Tensile Testing Machine



Temperature and Humidity
Test Chamber



UV Aging Test Chamber



CERTIFICATE SYSTEM

Lumiwise 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, including CB, CE, REACH, ROHS, ETL, SGS, TUV, and LM-80, as required by different countries and regions.



WHY LUMIWISE?



EFFICIENT & PROFESSIONAL SERVICES

Customized spec support, label service. Customer first, 12 hours response policy. Technical, Sales, Marketing team service.



RELIABLE LED INDUSTRY EXPERIENCE

10 years specializing in R&D, production and sales of high-quality LED strips and linear light. 200+ companies from 90+ countries worked well with us. Long-term supplier declaration to maintain friendly relations of cooperation.



WIDE PRODUCT OPTIONS

SMD3528, SMD5050, SMD2835, SMD2010, SMD2216, SMD3014, SMD2110, COB, Silicone Neon, PU Neon, Flex Wall Washer etc. High CRI, High Efficiency, Super Long Constant Current, Multi-Color, Ultra Narrow, S Shape etc. IP20, IP52, IP65, IP67, IP68 options for indoor and outdoor application.



STRONG PRODUCTION CAPACITY

10 High-speed SMT machines and applied welding lines, 20 die-bonding COB machine lines, 7 automatic extrusion lines and 6 automatic luminaire production lines, 10 aging test line and 5 packaging lines. 300+ well-trained workers. Average daily production capacity up to 25,000+ meters for led strips, 5000+ meters for Neon flex, and 2000+ meters for COB strips, 7 days can be shipped out of 95% standard items.



OEM&ODM

Different OEM&ODM service to help wholesaler, retailer or project orders. Wide color options, based on the ERP or ANSI[CIE] standard. Smaller CCT tolerance. One-Bin supplied, 2-3-5 SDCM. High color consistency. Customized wattage per meter and lumen per meter, Customized product from Circuit, structure, Prototype to bulk production.



WORLDWIDE CERTIFICATES

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.



STRICT QUALITY CONTROL

Operations accredited to ISO 9001:2015. 5 Steps for quality control. IQC, IPQC, OQC, OE and QM. All LEDs are LM-80 available, packing in Cu lead Frame +99.99% Gold wire.



CORE VALUE CUSTOMER SUPPORT

We are pleased to prioritize updates on our latest research and product promotions. We offer competitive pricing to maintain the core value of customer purchases within Lumiwise's system. From the perspective of long-term cooperation, credit terms can be negotiated to your satisfaction. We also keep a reserve stock of raw materials to minimize lead time.

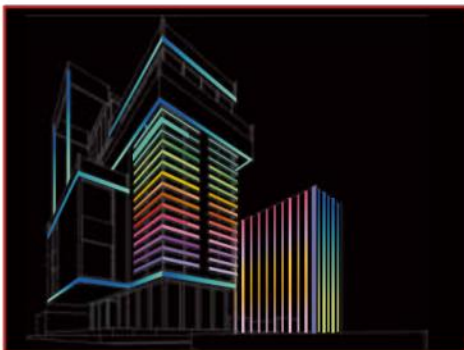
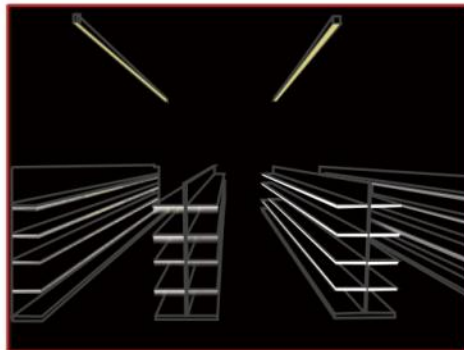
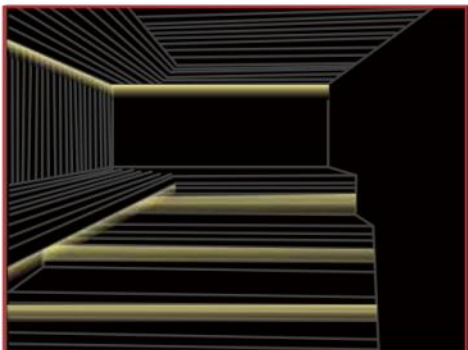
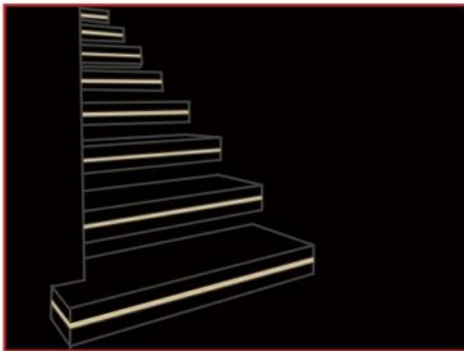
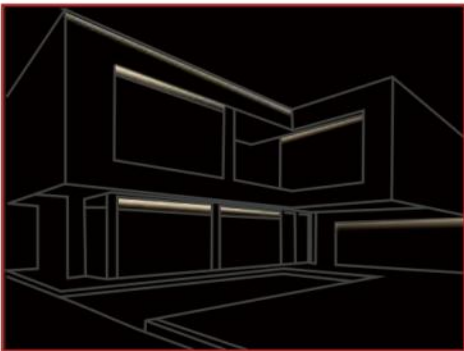
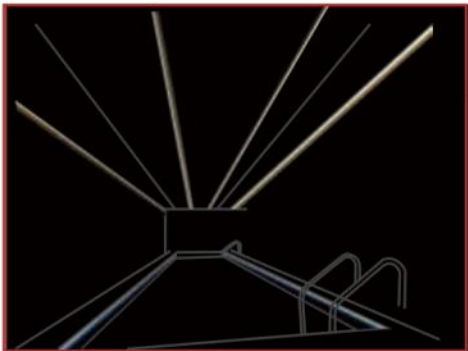
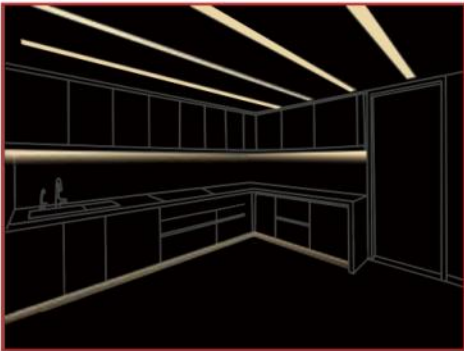
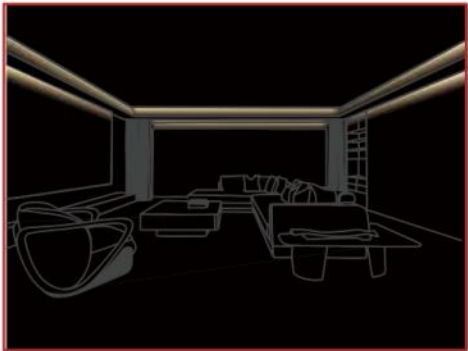


COMFORTING AFTER-SALES

We offer a warranty of up to 3-5 years. Any issues with our product are resolved within 7 days. Your dedicated account manager is always here, ready to assist you with any questions or concerns. We regularly conduct customer satisfaction surveys to enhance the customer experience. Achieving a relaxed and enjoyable cooperation is our goal.

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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 LUMIWISE 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

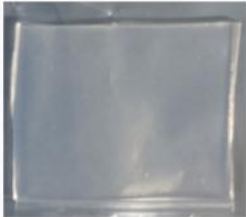
Gas-phase Silica Cel

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

Precipitated Silica Cel

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

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

vs

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

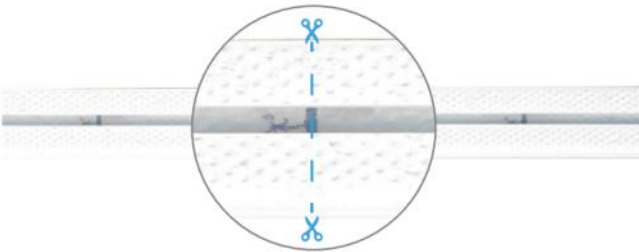
Before cleaning, it significantly reduces light output.



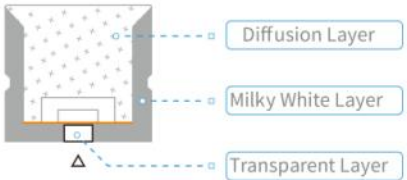
After cleaning, it becomes clear and transparent, providing uniform light distribution.



ADVANTAGES OF TRI-COLOR EXTRUSION

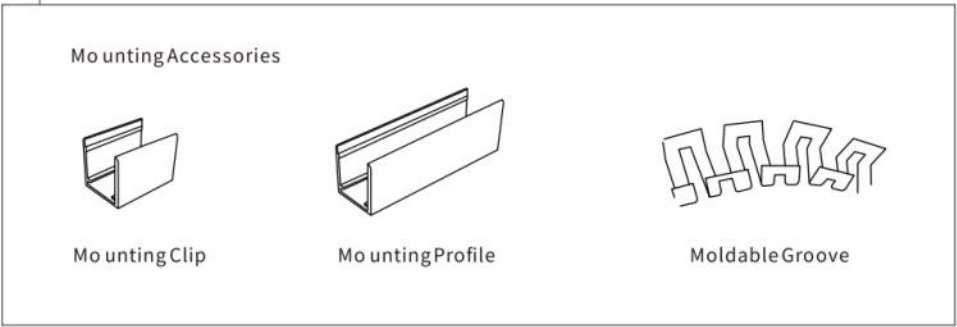
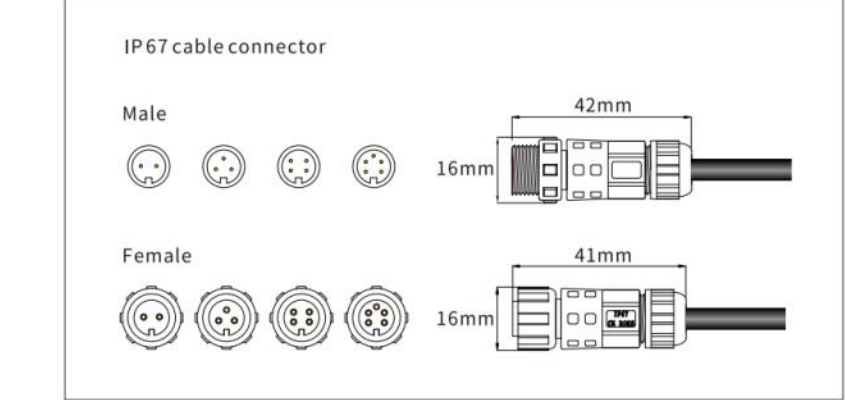
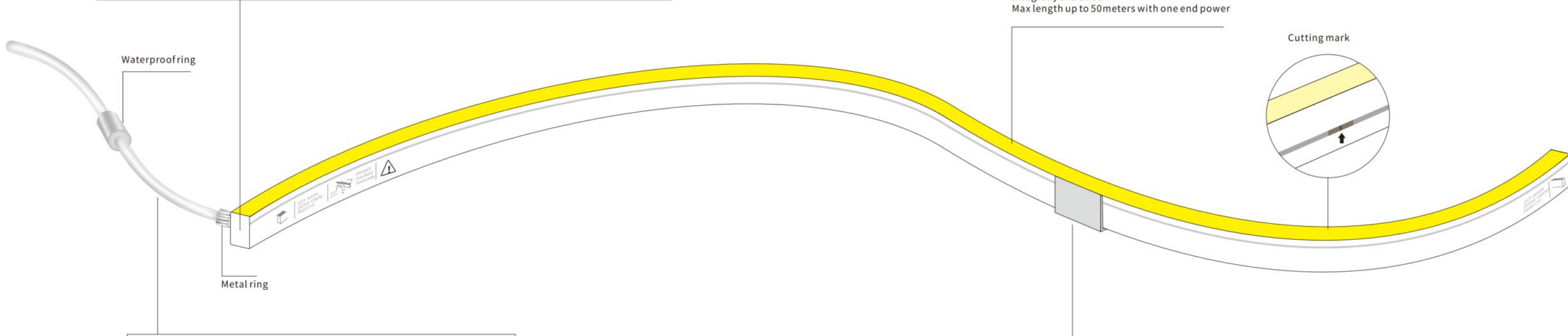
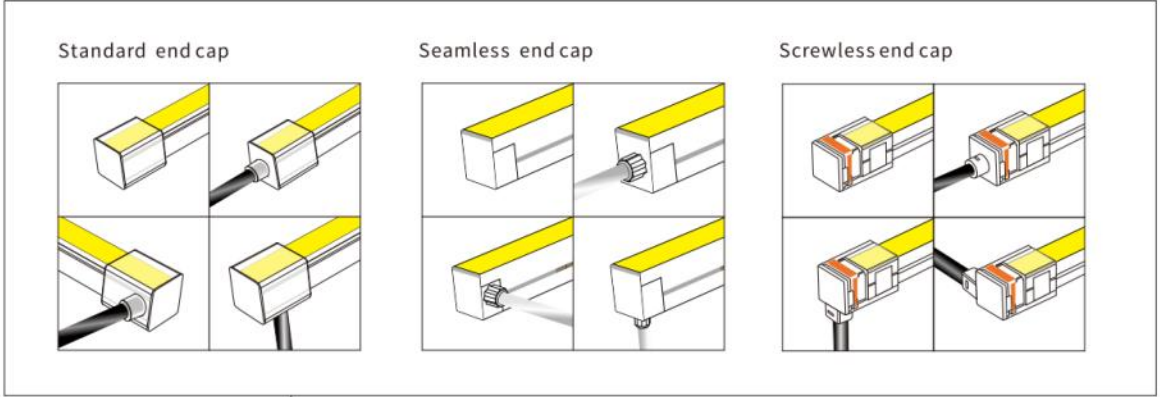


Tri-color extrusion with a clear window for precise, worry-free cutting.



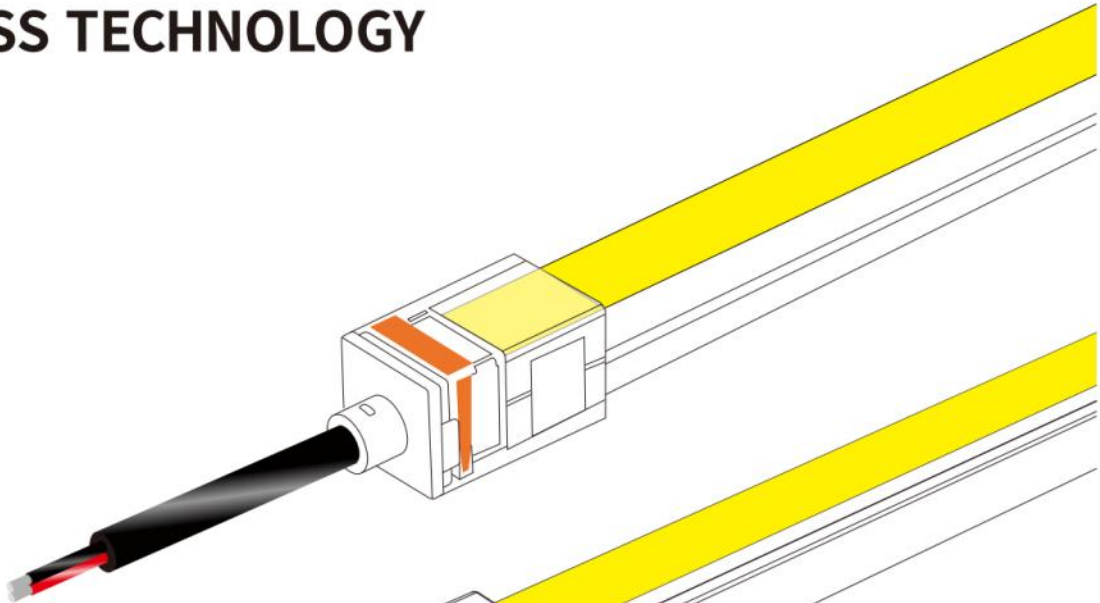
NEON FLEX SOLUTION

Cable outlet

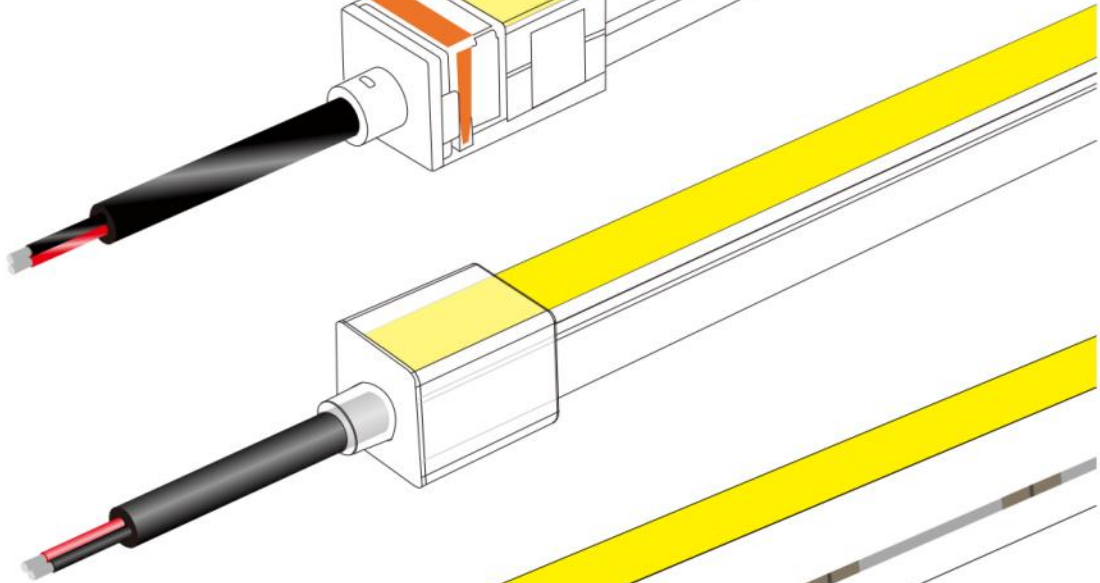


IP PROCESS TECHNOLOGY

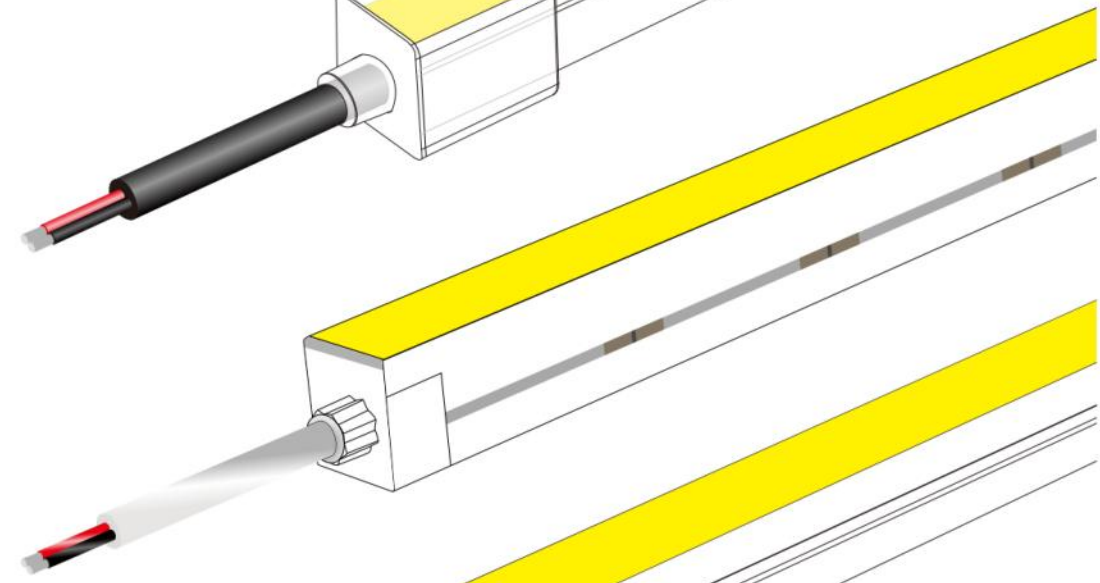
IP67
(Screwless end cap)



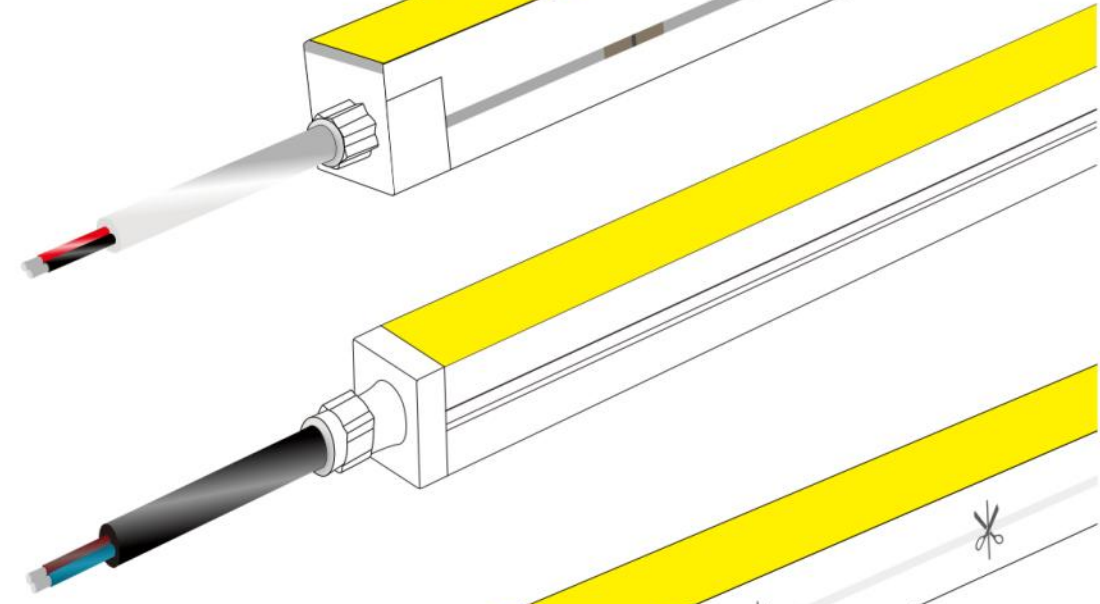
IP67
(Standard silicone end cap)



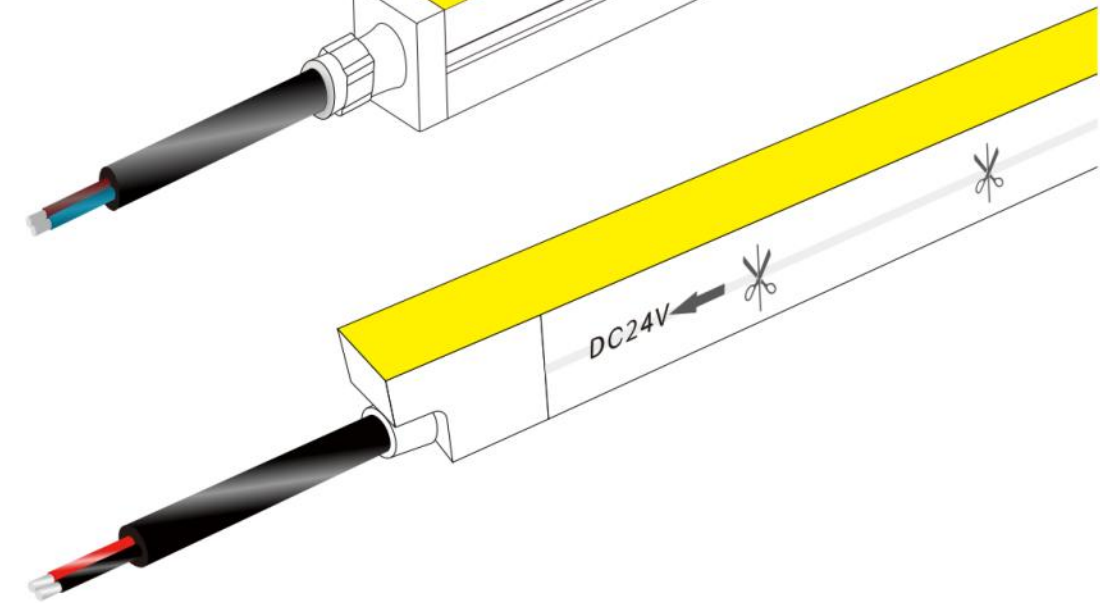
IP67
(Seamless end cap)



IP68
(Silicone neon)



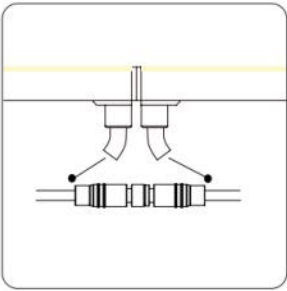
IP68
(PU neon)



IP67 seamless end cap
without dark area



Linear interconnection
without dark area



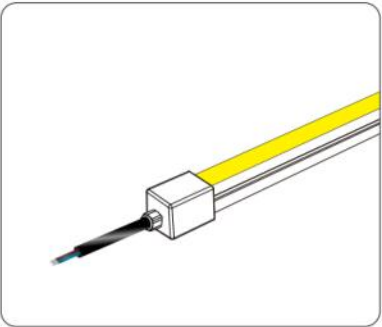
Curve interconnection
of lighting outward without
dark area



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





CUSTOMIZATION



BIN

Available to customize one specific BIN or various BIN



CABLE

Available to customize cable type or length within the technology supporting range



POWER

Available to customize power(wattage) within the technology supporting range



REEL & BAG

Available to customize reel and anti-static bag



CRI

Available to customize CRI range



CONNECTOR

Available to customize connector for all IP grade



PCB

Available to customize size and thickness, also could print with color LOGO on PCB



PACKING

Available to customize the special packaging



COLOR

Available to customize specific color or wavelength



LABEL

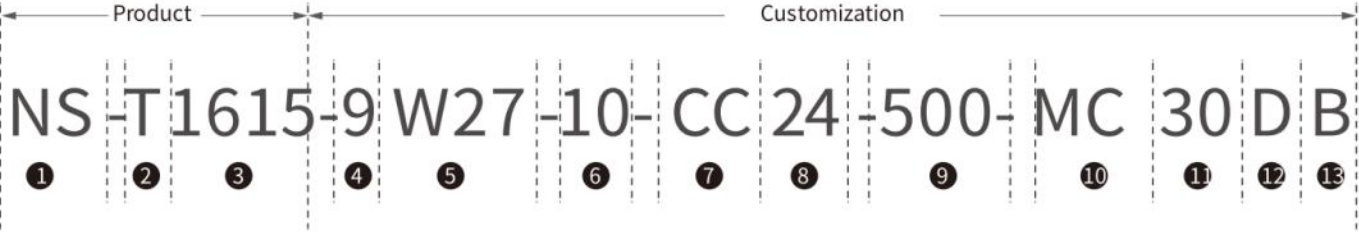
Available to customize label



LENGTH

Available to customize the length within the technology supporting range

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

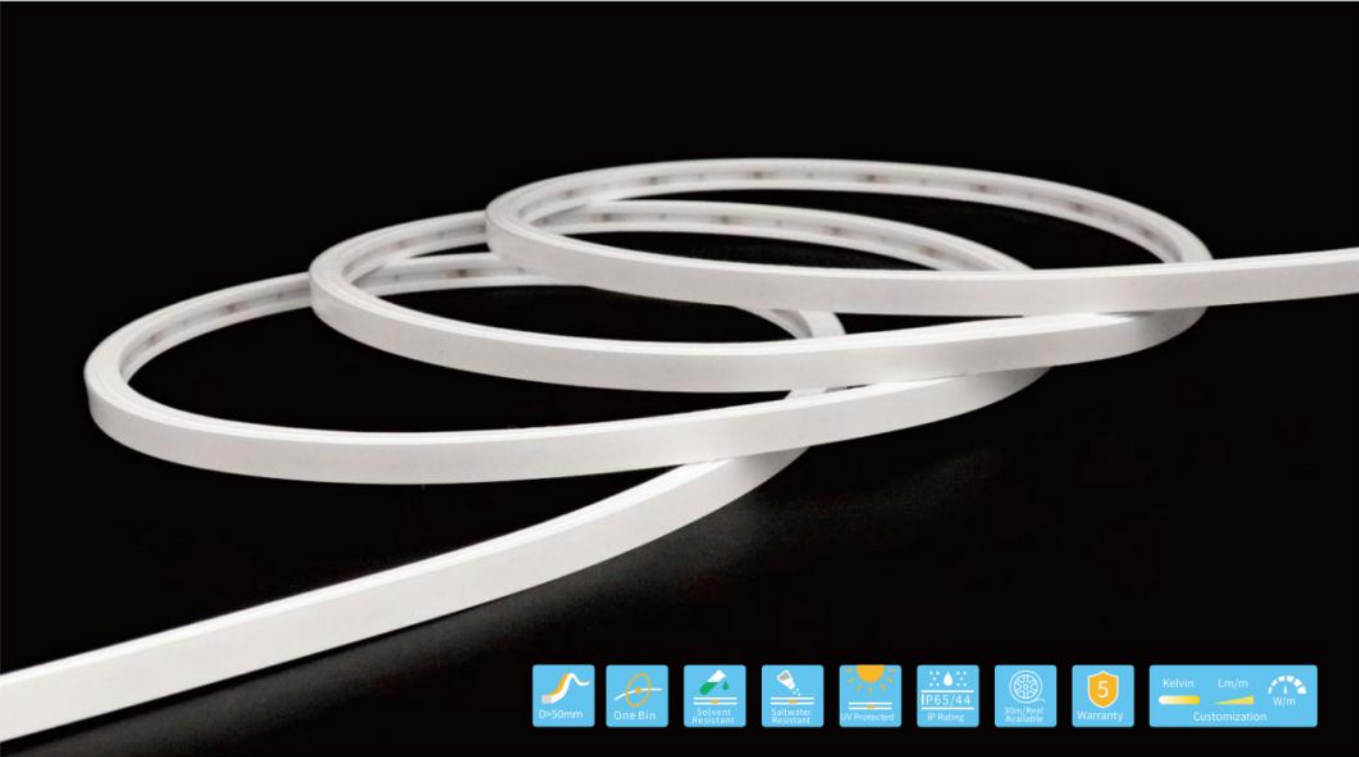
COLOR	PIN	Wire	Color indication	Wiring instructions
White	2PIN			Red: V+ Black: V-
CCT	3PIN			Black: V+ White: C- Yellow: W-
RGB	4PIN			Black: V+ Red: R- Green: G- Blue: B-
RGBW	5PIN			Black: V+ Red: R- Green: G- Blue: B- White: W-
SPI	3PIN			Red: V+ Green: DAT Blue: GND
DMX	5PIN			Black: DAT Red: V+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



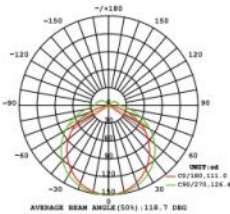
TOP BEND NEON

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

TOP BEND 0606

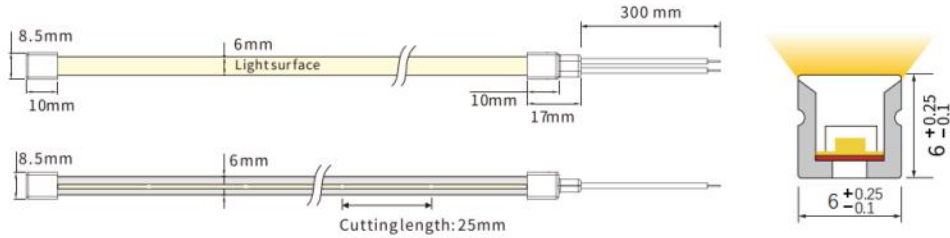


6mm slim luminous surface, sleek and refined, ideal for indoor outlines and furniture integration.
Tri-color silicone extrusion with a clear window for easy cutting. High-density LED strip inside ensures uniform, glare-free light emission.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-T0606
Voltage	DC24V
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

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	6w
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1700K +200 -100	235.2	6	39.2
	2200K +200 -100	325.2	6	54.2
	2400K +200 -200	330	6	55
	2600K +200 -200	337.2	6	56.2
	2800K +200 -200	345	6	57.5
	3200K +300 -200	348	6	58
	3800K +400 -300	358.2	6	59.7
	4400K +400 -400	352.8	6	58.8
	5600K +400 -400	379.2	6	63.2

- 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.

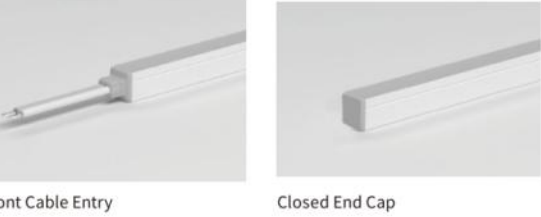


End Cap & Cable Lead Option

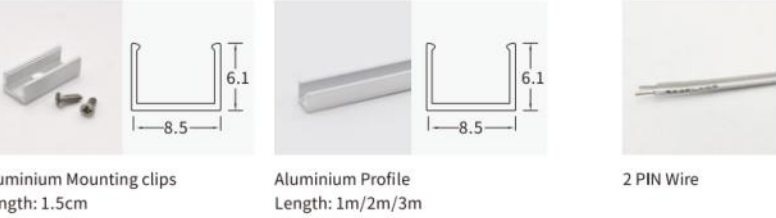
Silicone End Cap (IP65)



Integral end cap (IP44)



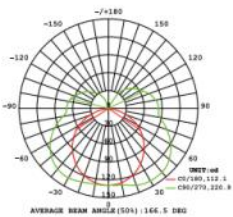
Accessories



TOP BEND 1010

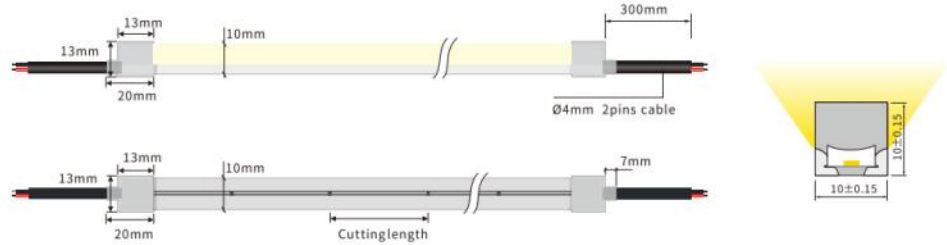


10mm slim luminous surface with 3-sided light emission, ideal for indoor outlines. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-T1010	
Voltage	DC24V	
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	DC24 V
Circuit Design	CV
Power(w/m)	5W/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 -200}	830	10	83
	6500K ^{+200 -600}	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.



End Cap & Cable Lead Option

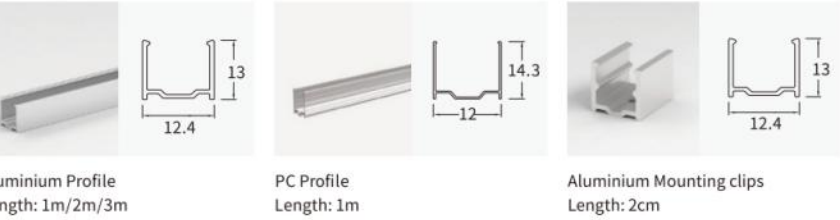
Silicone End Cap (IP67)



Integral end cap (IP44)



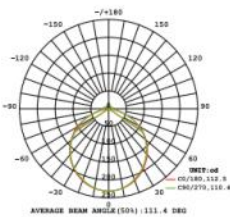
Accessories



TOP BEND 1010S

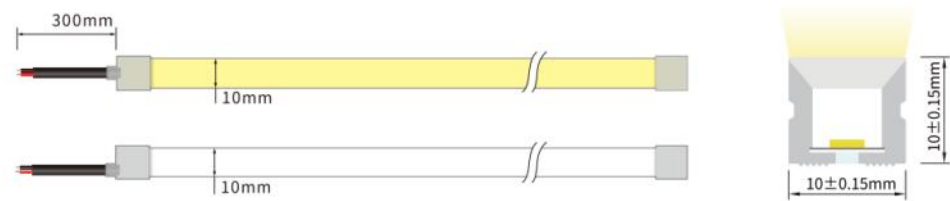


10mm wide luminous surface, slim and delicate.
Tri-color silicone extrusion with a clear window for easy cutting.
Dust-resistant matte finish ensures a clean look with uniform, natural light.
Run length > 10m, production length up to 30m.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-T1010S	
Voltage	DC24V	
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	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	17m/13m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2400K±150	710	10	71
	2700K±150	780	10	78
	3000K±150	740	10	74
	3500K±200	730	10	73
	4000K +400 -200	840	10	84
	5000K +500 -300	870	10	87
	6500K +200 -600	860	10	86
--	Red	300	10	30
	Green	650	10	65
	Blue	168	10	16.8
	Yellow	340	10	34
	Pink	560	10	56

Free Cut	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	710	10	71.0
	3000K±150	740	10	74.0
	4000K±300	770	10	77.0
	5000K±400	760	10	76.0
	6500K±400	750	10	75.0



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	285	5	77
	6000K	410	5	82
	2700K+6000K	800	10	80



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	68.6	3.3	20.8
	G	234	3.3	70.9
	B	44.9	3.3	13.6
	RGB	362	10	36.2

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.

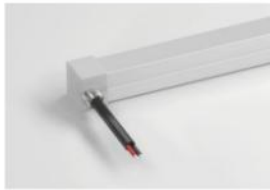


End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



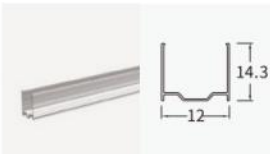
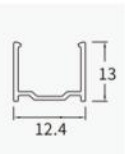
Closed end cap



Accessories



Aluminium Profile
Length: 1m/2m/3m

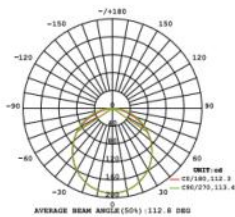


PC Profile
Length: 1m/2m/3m

TOP BEND 1212

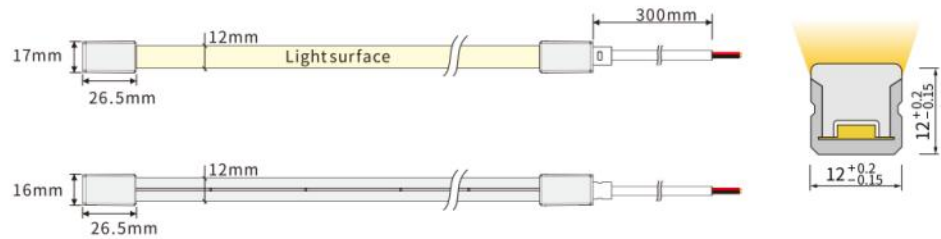


12mm flat luminous surface, ideal for indoor and outdoor decorative lighting.
Tri-color silicone extrusion with a clear window for easy cutting, IP67 waterproof.
Dust-resistant matte finish ensures a clean look with uniform, natural light.
Run length > 10m, production length up to 30m.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-T1212	
Voltage	DC24V	
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	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	19m/13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	560	10	56
	2400K±150	560	10	56
	2700K±150	670	10	67
	3000K±150	640	10	64
	3500K±200	660	10	66
	4000K ⁺⁴⁰⁰ ₋₂₀₀	680	10	68
	5000K ⁺⁵⁰⁰ ₋₃₀₀	680	10	68
	6500K ⁺²⁰⁰ ₋₆₀₀	670	10	67
	Red	280	10	28
--	Green	700	10	70
	Blue	130	10	13
	Yellow	260	10	26
	Pink	280	10	28

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	700	10	70.0
	3000K±150	730	10	73.0
	4000K±300	750	10	75.0
	5000K±400	740	10	74.0
	6500K±400	730	10	73.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	315	5	63
	6000K	335	5	67
	2700K+6000K	650	10	65



RGB

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

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	69.3	3.3	21
	G	214.5	3.3	65
	B	39.6	3.3	12
	RGB	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 Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

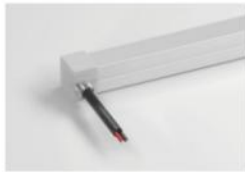


Closed End cap

Silicone End Cap (IP67)



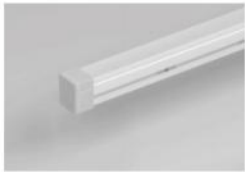
Front Cable Entry



Side Cable Entry



Bottom Cable Entry



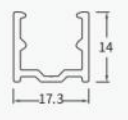
Closed End cap



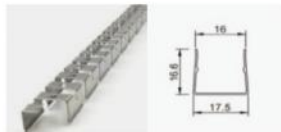
Accessories



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile



PVC Cable
2PIN, 3PIN, 4PIN



Silicone Cable
2PIN, 3PIN, 4PIN

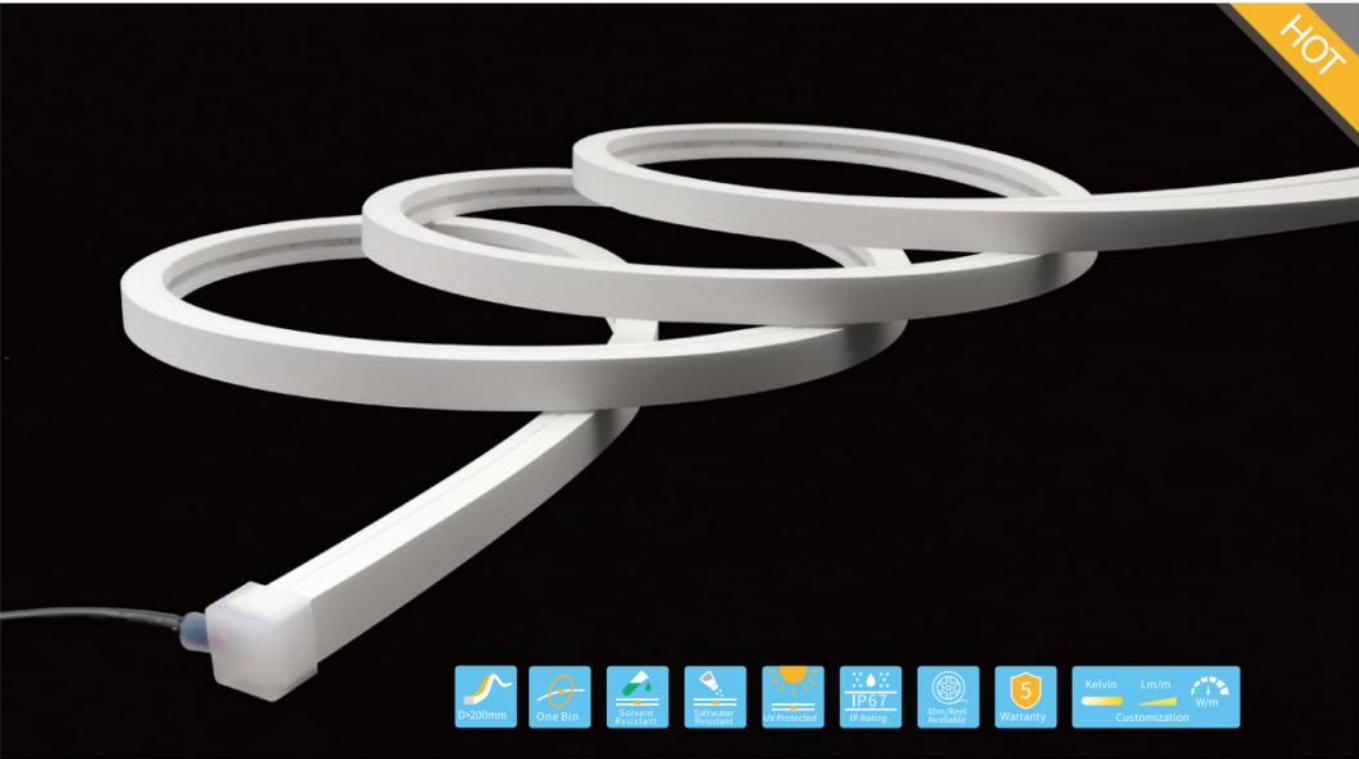


IP67 Connector
Wire Gauge:
0.5mm²/22AWG

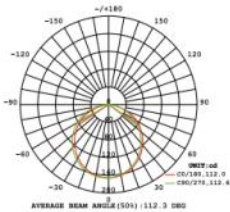


Anti-rain connector

TOP BEND 1615

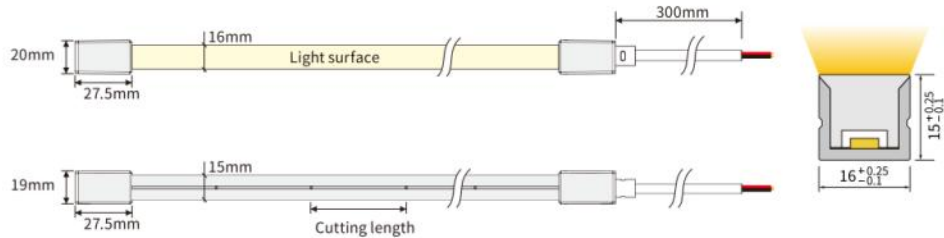


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-T1615		
Working Voltage	DC24V		
Rated Power(w/m)	5w/10w/15w		
Storage Temperature	-25℃~60℃		
Ambient Temperature	Tamin=-25℃, Tamax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient tempt.(Tamax)	55℃	45℃	35℃



Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	27m/17m/14m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	460	10	46
	2400K±150	470	10	47
	2700K±150	550	10	55
	3000K±150	540	10	54
	3500K±200	585	10	58.5
	4000K ⁺⁴⁰⁰ ₋₂₀₀	575	10	57.5
	5000K ⁺⁵⁰⁰ ₋₂₀₀	570	10	57
--	6500K ⁺²⁰⁰ ₋₆₀₀	575	10	57.5
	Red	240	10	24
	Green	550	10	55
	Blue	110	10	11
	Yellow	240	10	24
	Pink	225	10	22.5

Free Cut

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	690	10	69.0
	3000K±150	710	10	71.0
	4000K±300	730	10	73.0
	5000K±400	720	10	72.0
	6500K±400	710	10	71.0



CCT Tunable

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

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	275	5	55
	6000K	295	5	59
	2700K+6000K	570	10	57



RGB

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	CV: 5w/10w/15w CC: 11w
Max. Run Length(CC)	13m
Cutting Length	125mm/62.5mm

Parameters (CC 13m)

CRI	CCT	lm/m	w/m	lm/w
--	R	53	3.7	14.2
	G	207	3.7	56.0
	B	31	3.7	8.3
	RGB	275	11	25.0

Parameters (CV 5m)

CRI	CCT	lm/m	w/m	lm/w
--	R	56.1	3.3	17
	G	181.5	3.3	55
	B	34.65	3.3	10.5
	RGB	270	10	27



RGBW

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	CV: 5w/10w/15w CC: 15w
Max. Run Length(CC)	10m
Cutting Length	125mm/62.5mm

Parameters (CC 10m)

CRI	CCT	lm/m	w/m	lm/w
--	R	55	3.75	14.6
	G	135	3.75	36.0
	B	38	3.75	10.2
	W4000K	165	3.75	44.0
	RGBW	443	15	29.5

Parameters (CV 5m)

CRI	CCT	lm/m	w/m	lm/w
--	R	32.5	2.5	13
	G	135	2.5	54
	B	31.25	2.5	12.5
	W4000K	158.75	2.5	63.5
	RGBW	360	10	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 Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

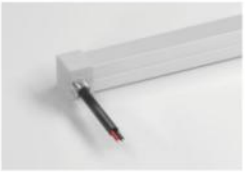


Closed End cap

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



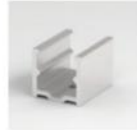
Bottom Cable Entry



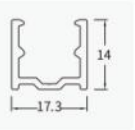
Closed End cap



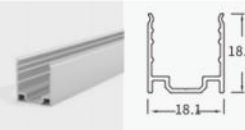
Accessories



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile



PVC Cable
2PIN, 3PIN, 4PIN



Silicone Cable
2PIN, 3PIN, 4PIN



IP67 Connector
Wire Gauge:
0.5mm2/22AWG

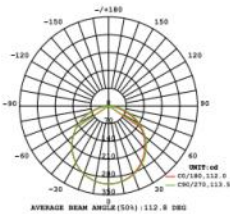


Anti-rain connector

TOP BEND 1616

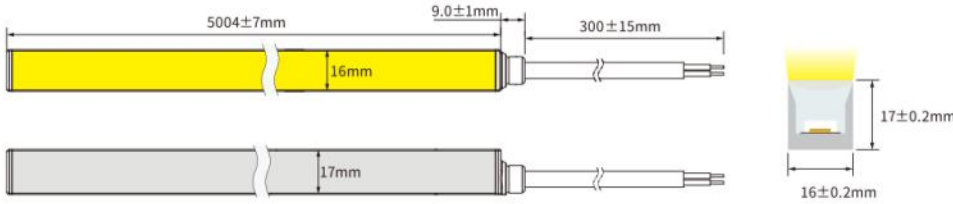


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Unique design without a transparent cutting window to prevent light leakage, featuring a precise laser-cut mark on the silicone tube. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-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

Voltage	DC24 V
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	776	10	77.6
	3000K	797	10	79.7
	3500K	827	10	82.7
	4000K	825	10	82.5
	5000K	818	10	81.8
	6500K	831	10	83.1
--	Red	307	10	30.7
	Green	780	10	78.0
	Blue	164	10	16.4
	Yellow	243	10	24.3
	Orange	831	10	28.5
	Pink	831	10	64.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	11w
Max. Run Length	5m
Cutting Length	71.43mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	780	10	78.0
	6000K	830	10	83.0
	2700K+6000K	924	11	84.0



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.33mm

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

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	83	3.75	22.0
	G	306	3.75	81.6
	B	54	3.75	14.4
	3000K ±150	270	3.75	72.1
>90	RGBW	749	15	49.9

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.



End Cap & Cable Lead Option



Side Cable Entry

Bottom Cable Entry



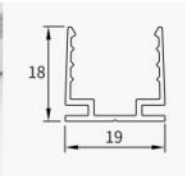
Front Cable Entry

Closed End cap

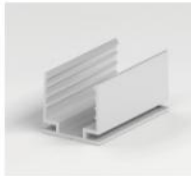
Silicone End Cap (IP67)



Accessories



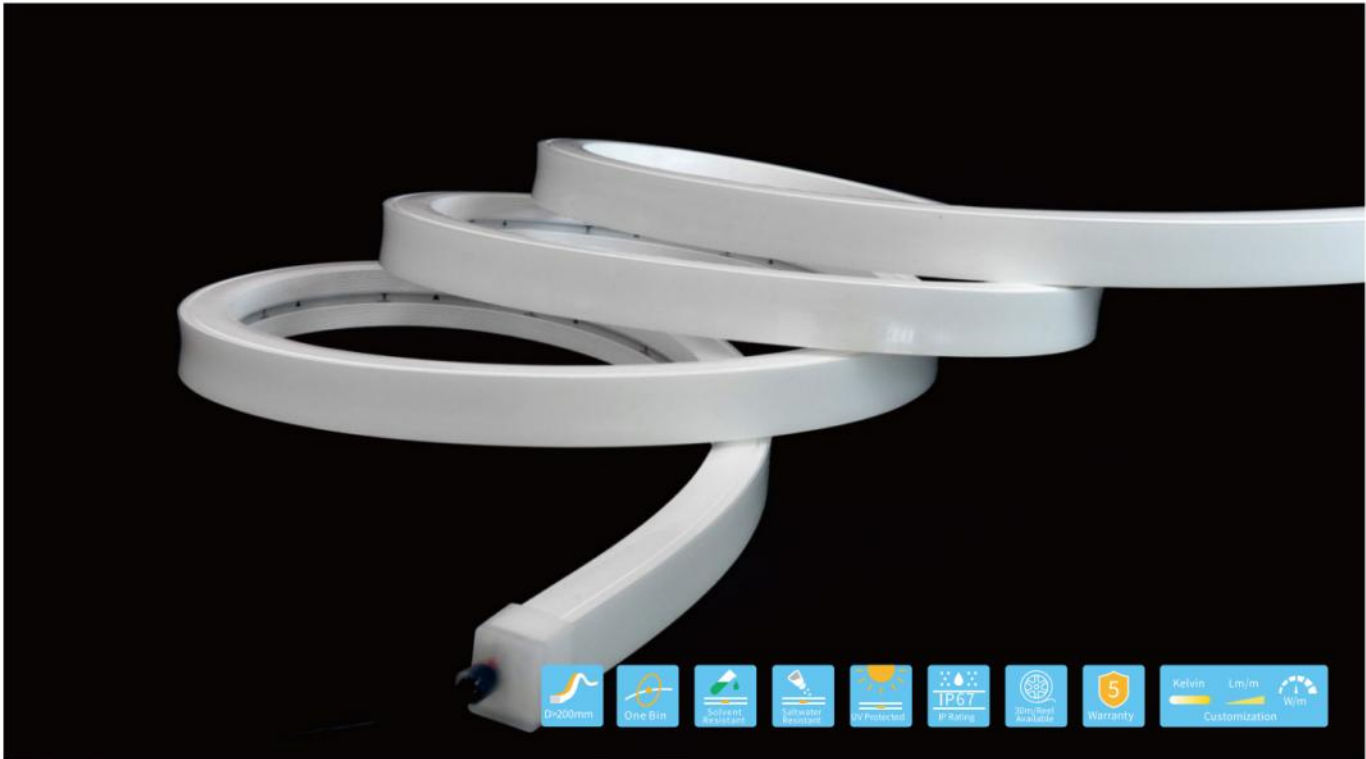
Aluminium Profile
Length: 1m/2m/3m



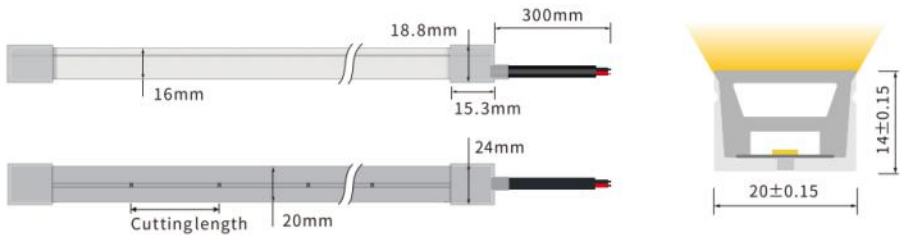
Aluminium Mounting clips
Length: 2cm

TOP BEND 2014

NEW



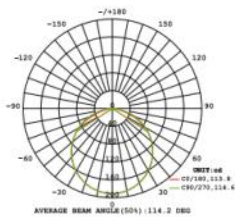
Dimensions



Basic Parameters

Model No.	NS-T2014		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C ~60 °C		
Ambient Temperature	Tamin=-25 °C , Tmax (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

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. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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



Single Color

Voltage	DC24V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	17m/14m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	495	10	49.5
	2400K±150	525	10	52.5
	2700K±150	590	10	59
	3000K±150	590	10	59
	3500K±200	555	10	55.5
	4000K ⁺⁴⁰⁰ ₋₂₀₀	630	10	63
	5000K ⁺⁵⁰⁰ ₋₃₀₀	625	10	62.5
--	6500K ⁺²⁰⁰ ₋₆₀₀	625	10	62.5
	Red	290	10	29
	Green	610	10	61
	Blue	135	10	13.5
	Yellow	280	10	28
	Pink	260	10	26

Free Cut

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	570	10	57.0
	3000K±150	580	10	58.0
	4000K±300	600	10	60.0
	5000K±400	590	10	59.0
	6500K±400	570	10	57.0



CCT Tunable

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

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	312.5	5	62.5
	6000K	327.5	5	65.5
	2700K+6000K	635	10	63.5



RGB

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	67.98	3.3	20.6
	G	176.55	3.3	53.5
	B	34.65	3.3	10.5
	RGB	280	10	28



RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	47.5	2.5	19
	G	156.25	2.5	62.5
	B	38.75	2.5	15.5
>90	W(3000K±200)	170	2.5	68
	RGBW	380	10	38

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.

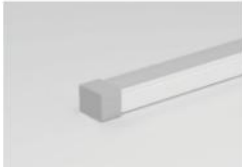


End Cap & Cable Lead Option

Silicone End Cap (IP67)



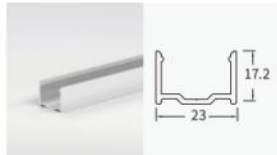
Front Cable Entry



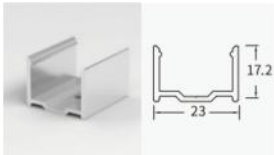
Closed End cap



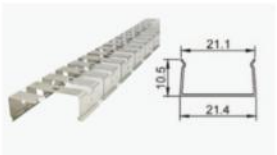
Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Curved Stainless
Steel mounting profile



PVC Cable
2PIN

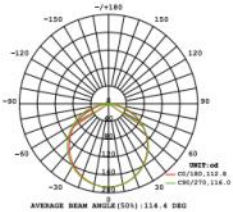


IP67 Connector
2PIN, 3PIN, 4PIN, 5PIN
Wire Gauge: 0.5mm2/22AWG

TOP BEND 2020

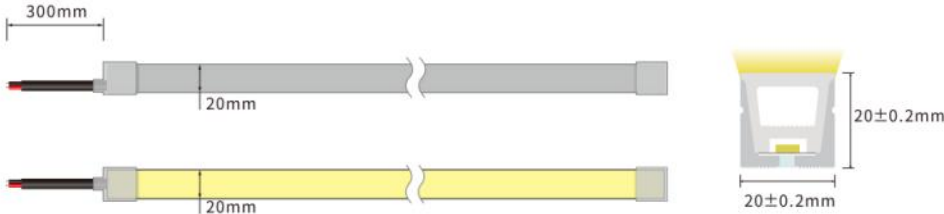


20mm flat luminous surface, ideal for indoor and outdoor architectural lighting. Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-T2020	
Voltage	DC24V	
Power(w/m)	3w/15w	
Storage Temperature	-25°C ~60 °C	
Ambient Temperature	Tamin=-25 °C , Tamax (Table below)	
Output	Low Output	High Output
Power(w/m)	3w	15w
Max. Ambient tempt.(Tamax)	55°C	35°C



Single Color	
Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	17m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	22700±150	479	10	47.9
	3000±150	492	10	49.2
	3500±200	501	10	50.1
	4000±300	529	10	52.9
	5000±400	529	10	52.9
	6500±400	535	10	53.5
--	Red	220	10	22.0
	Green	550	10	55.0
	Blue	113	10	11.3
	Yellow	167	10	16.7
	Orange	203	10	20.3
	Pink	462	10	46.2

Free Cut	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	570	10	57.0
	3000K±150	580	10	58.0
	4000K±300	580	10	58.0
	5000K±400	590	10	59.0
	6500K±400	570	10	57.0



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	267	5	53.3
	6000K	278	5	55.5
	2700K+6000K	540	10	54.0



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

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	55	3.3	16.7
	G	209	3.3	63.2
	B	35	3.3	10.6
	RGB	295	10	29.5



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	50	3	16.8
	G	194	3	64.8
	B	37	3	12.3
>90	W(3000±150)	327	6	54.5
	RGBW	596	15	39.7

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.

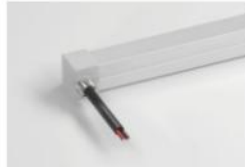


End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



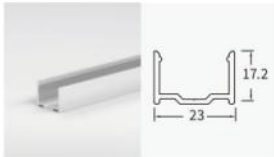
Bottom Cable Entry



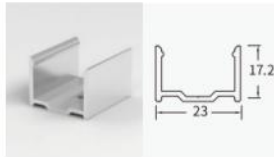
Closed End cap



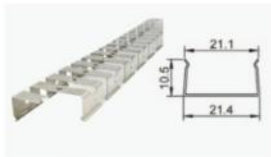
Accessories



Aluminium Profile
Length: 1m/2m/3m

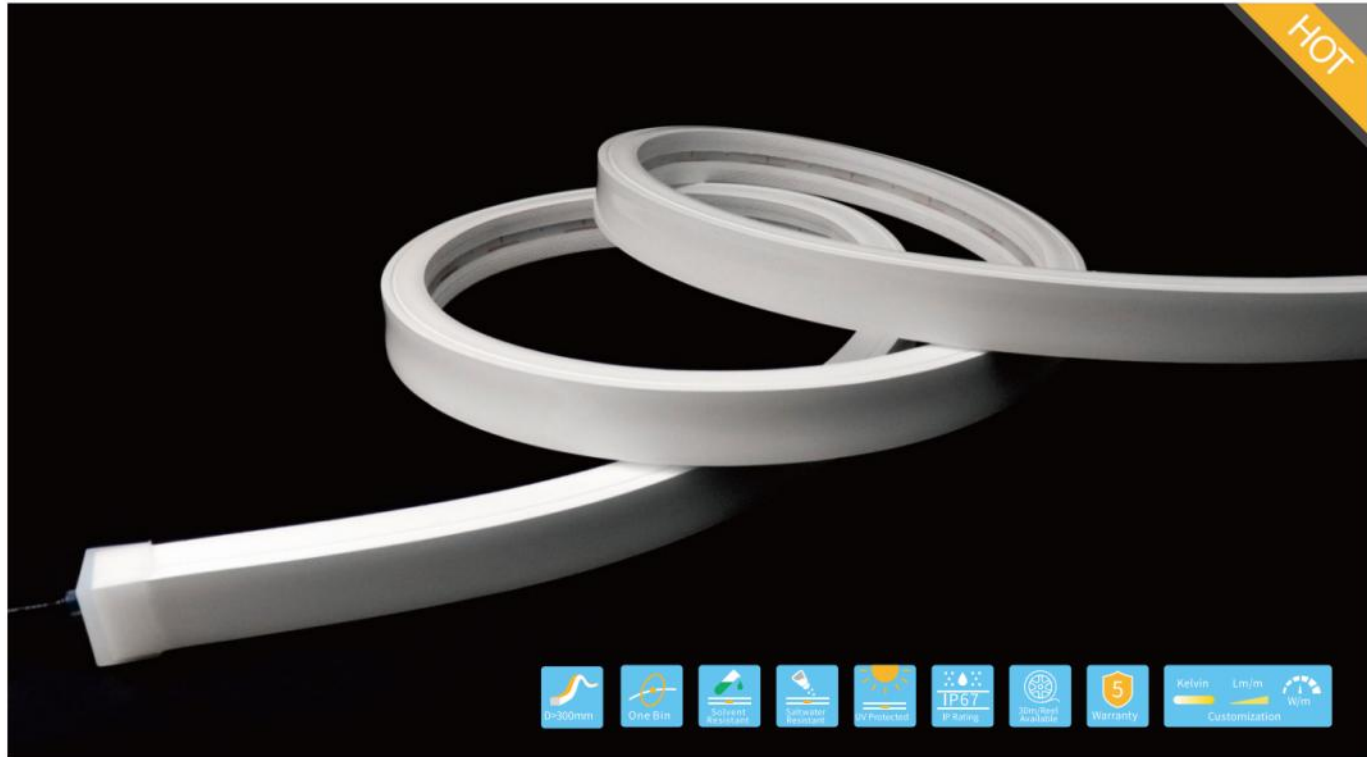


Aluminium Mounting clips
Length: 2cm

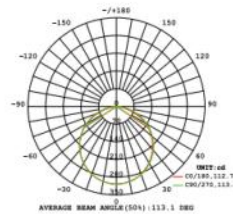


Curved Stainless
Steel mounting profile

TOP BEND 3020

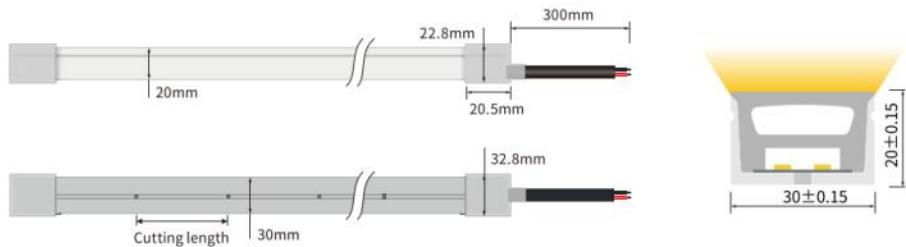


Wide 30mm flat luminous surface, ideal for indoor and outdoor architectural lighting. Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan $\geq 50,000$ hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-T3020
Working Voltage	DC24V
Rated Power(w/m)	16w/20w/24w
Storage Temperature	-25°C ~ 60 °C
Ambient Temperature	Tamin=-25 °C , Tmax (Table below)

Output	Low Output	Std Output	High Output
Power(w/m)	16w	20W	24W
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	16w/20w/24w
Max. Run Length(CC)	11m/9m/7m
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 ₋₂₀₀	1300	20	65
	6500K ⁺²⁰⁰ ₋₆₀₀	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

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	610	10	61
	6000K	650	10	65
	2700K+6000K	1230	20	61.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	133.2	6.66	20
	G	342.99	6.66	51.5
	B	69.93	6.66	10.5
	RGB	540	20	27

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	95	5	19
	G	262.5	5	52.5
	B	70	5	14
	W(3000K±200)	302.5	5	60.5
>80	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.



End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



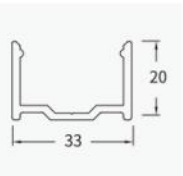
Closed End cap



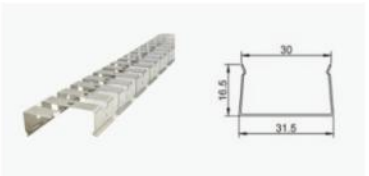
Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Curved Stainless
Steel mounting profile

Cable



2PIN cable



3PIN cable



4PIN cable



5PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(TunableWhite)



4PIN connector
(RGB color)



5PIN connector
(RGB+White color)



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	16w/20w/24w
Max. Run Length	5m
Cutting Length	41.66mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	610	10	61
	6000K	650	10	65
	2700K+6000K	1230	20	61.5

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	133.2	6.66	20
	G	342.99	6.66	51.5
	B	69.93	6.66	10.5
	RGB	540	20	27

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	95	5	19
	G	262.5	5	52.5
	B	70	5	14
	W(3000K±200)	302.5	5	60.5
>80	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.



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	16w/20w/24w
Max. Run Length	18m/16m/14m
Cutting Length	41.66mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	133.2	6.66	20
	G	342.99	6.66	51.5
	B	69.93	6.66	10.5
	RGB	540	20	27

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	95	5	19
	G	262.5	5	52.5
	B	70	5	14
	W(3000K±200)	302.5	5	60.5
>80	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.



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	16w/20w/24w
Max. Run Length	5m
Cutting Length	41.66mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	95	5	19
	G	262.5	5	52.5
	B	70	5	14
	W(3000K±200)	302.5	5	60.5
>80	RGBW	720	20	36

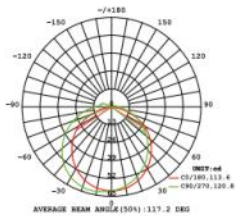
Note:

- 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.

SIDE BEND 0408

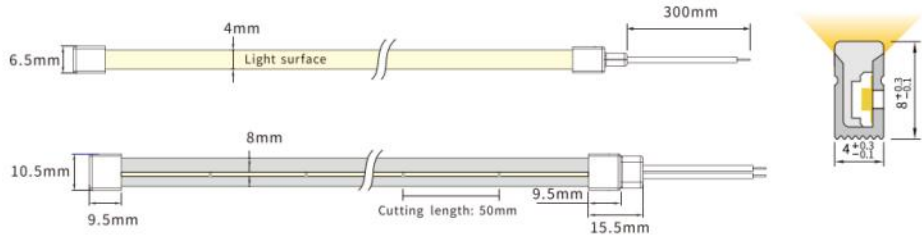


4mm slim luminous surface, sleek and refined, ideal for indoor outlines and furniture integration.
Tri-color silicone extrusion with a clear window for easy cutting.
High-density LED strip inside ensures uniform, glare-free light emission.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-S0408
Voltage	DC24V
Power(w/m)	6w
Storage Temperature	-25°C~60 °C
Ambient Temperature	Tamin=-25°C, Tamax 55°C



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	2700K±150	164	6	27.4
	3000K±150	184	6	30.6
	4000K±300	203	6	33.9
	5500K±500	191	6	31.8
--	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.



End Cap & Cable Lead Option

Silicone End Cap (IP65)



Front Cable Entry



Closed End Cap

Integral End Cap (IP44)



Front Cable Entry



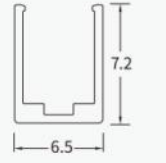
Closed End Cap



Accessories



Aluminium Profile
Length: 1m/2m/3m

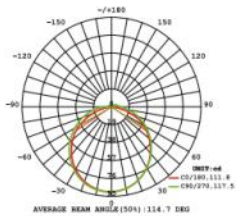


Aluminium Mounting clips
Length: 2cm

SIDE BEND 0612



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.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions		
Basic Parameters		
Model No.	NS-S0612	
Voltage	DC24V	
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	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	17m/13m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	250	10	25
	2400K±150	310	10	31
	2700K±150	350	10	35
	3000K±150	300	10	30
	3500K±200	330	10	33
	4000K ⁺⁴⁰⁰ ₋₂₀₀	360	10	36
	5000K ⁺⁵⁰⁰ ₋₃₀₀	360	10	36
--	6500K ⁺²⁰⁰ ₋₆₀₀	360	10	36
	Red	160	10	16
	Green	400	10	40
	Blue	50	10	5
	Yellow	125	10	12.5
	Pink	145	10	14.5

Free Cut	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	300	10	30.0
	3000K±150	325	10	32.5
	4000K±300	348	10	34.8
	5000K±400	340	10	34.0
	6500K±400	325	10	32.5



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	125	5	25
	6000K	175	5	35
	2700K+6000K	270	10	27



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	23.1	3.3	7
	G	52.8	3.3	16
	B	11.55	3.3	3.5
	RGB	130	10	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.



End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



Closed End cap

Integral End Cap (IP44)



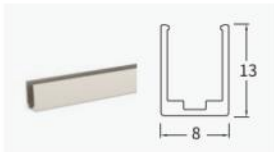
Front Cable Entry



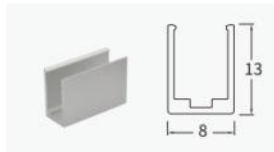
Closed End cap



Accessories



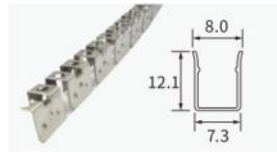
Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Stainless Steel Mounting clips
Length: 2cm



Curved Stainless Steel
mounting profile

Cable



2PIN cable



3PIN cable



4 PIN cable

Connector



2PIN connector
(Singlecolor)



3PIN connector
(Tunable White)

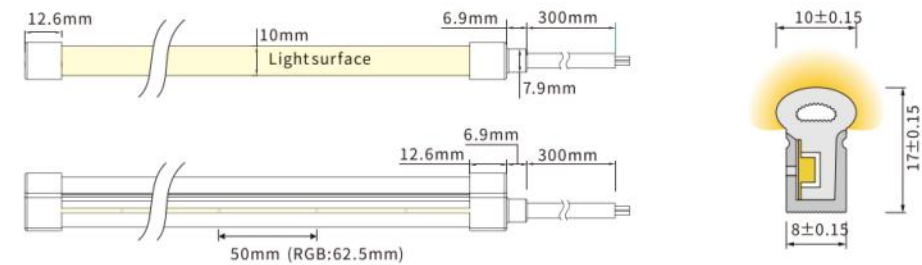


4 PIN connector
(RGB color)

SIDE BEND 0817



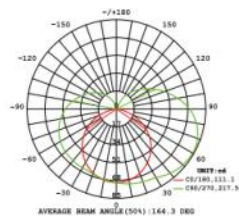
Dimensions



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. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Basic Parameters

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



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

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



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	17m/13m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	270	10	27
	2400K±150	285	10	28.5
	2700K±150	310	10	31
	3000K±150	310	10	31
	3500K±200	320	10	32
	4000K ⁺⁴⁰⁰ ₋₂₀₀	340	10	34
	5000K ⁺⁵⁰⁰ ₋₃₀₀	345	10	34.5
--	6500K ⁺²⁰⁰ ₋₆₀₀	320	10	32
	Red	150	10	15
	Green	360	10	36
	Blue	70	10	7
	Yellow	120	10	12
	Pink	150	10	15

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	400	10	40.0
	3000K±150	420	10	42.0
	4000K±300	440	10	44.0
	5000K±400	430	10	43.0
	6500K±400	420	10	42.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	170	5	34
	6000K	172.5	5	34.5
	2700K+6000K	330	10	33



RGB

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

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	36.3	3.3	11
	G	92.4	3.3	28
	B	16.5	3.3	5
	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.



End Cap & 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



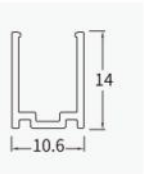
Closed End Cap



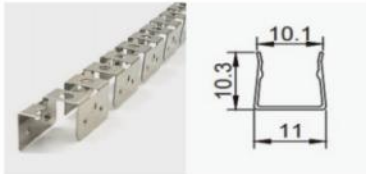
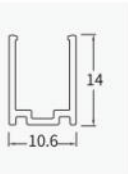
Accessories



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile

Cable



2PIN cable



3PIN cable



4PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)



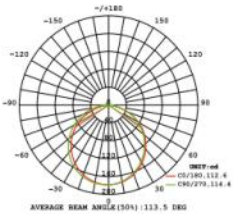
4PIN connector
(RGB color)

SIDE BEND 1010

NEW

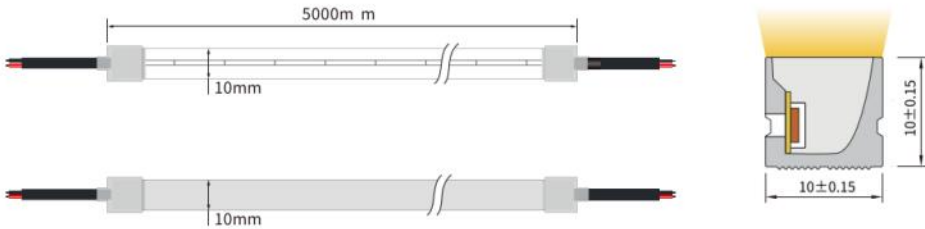


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-S1010	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C ~60 °C	
Ambient Temperature	Tamin=-25 °C , Tmax (Table below)	
Output	Low Output	Std Output
Power(w/m)	5w	10W
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/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 +200 -600	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.

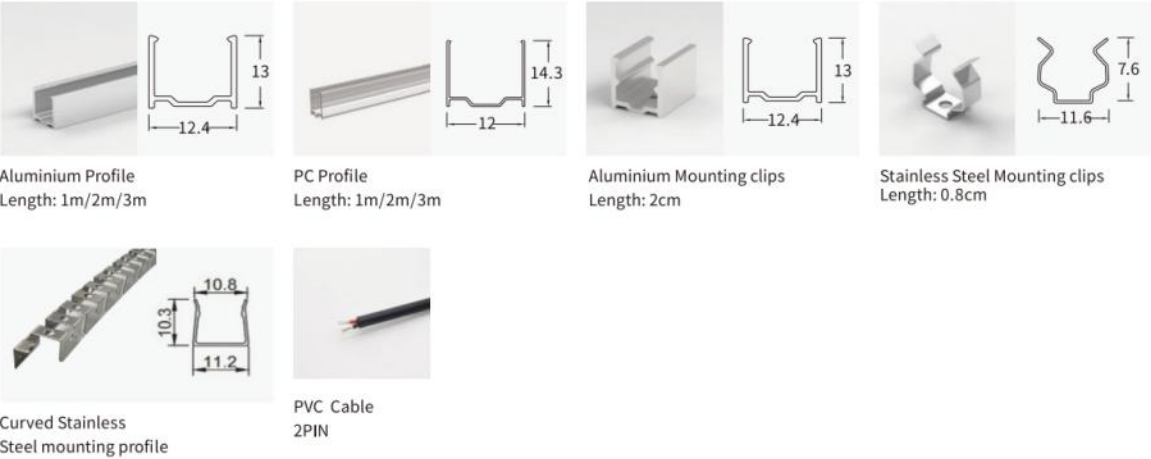


End Cap & Cable Lead Option

Silicone End Cap (IP67)



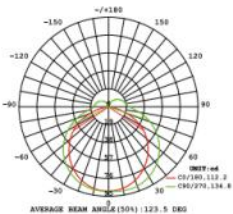
Accessories



SIDE BEND 1018

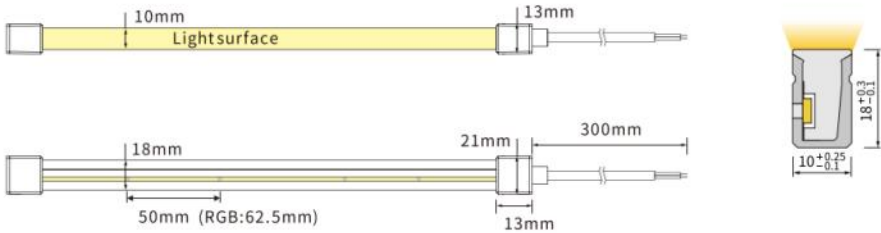


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-S1018		
Voltage	DC24V		
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	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	17m/18m
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 ⁺²⁰⁰ ₋₆₀₀	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

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	320	10	32.0
	3000K±150	345	10	34.5
	4000K±300	366	10	36.6
	5000K±400	350	10	35.0
	6500K±400	345	10	34.5



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	162.5	5	32.5
	6000K	175	5	35
	2700K+6000K	340	10	34



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	36.3	3.3	11
	G	99	3.3	30
	B	19.8	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.



End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



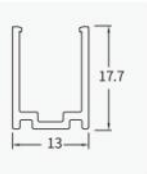
Closed End cap



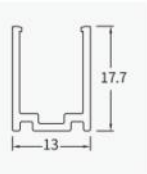
Accessories



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile

Cable



2PIN cable



3PIN cable



4 PIN cable

Connector



2PIN connector
(Singlecolor)



3PIN connector
(TunableWhite)



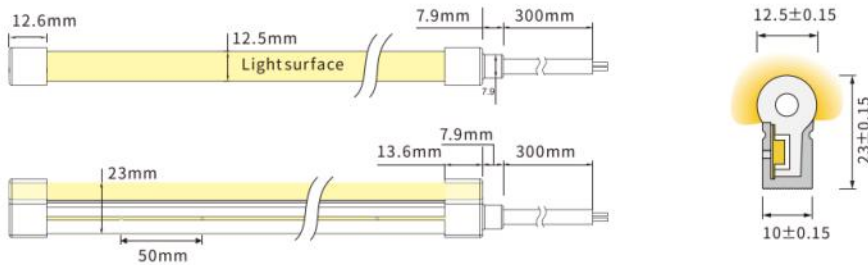
4 PIN connector
(RGB color)

SIDE BEND 1023



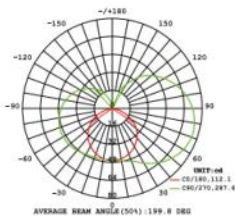
Arched structure with a curved luminous surface and a wide beam angle, ideal for indoor and outdoor decorative lighting. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

Model No.	NS-S1023		
Voltage	DC24V		
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)



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length	17m/18m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	310	10	31
	2400K±150	320	10	32
	2700K±150	350	10	35
	3000K±150	350	10	35
	3500K±200	380	10	38
	4000K ⁺⁴⁰⁰ ₋₂₀₀	390	10	39
	5000K ⁺⁵⁰⁰ ₋₃₀₀	380	10	38
--	6500K ⁺²⁰⁰ ₋₆₀₀	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

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	395	10	39.5
	3000K±150	410	10	41.0
	4000K±300	434	10	43.4
	5000K±400	420	10	42.0
	6500K±400	420	10	42.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	180	5	36
	6000K	190	5	38
	2700K+6000K	360	10	36



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	33	3.3	10
	G	97.35	3.3	29.5
	B	19.8	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.



End Cap & Cable Lead Option

Silicone End Cap(IP67)



Front Cable Entry



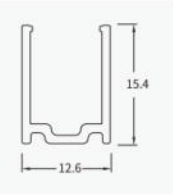
Closed End Cap



Accessories



Aluminium Mounting clips
Length: 2m



Aluminium Profile
Length: 1m/2m/3m

Cable



2PIN cable



3PIN cable



4PIN cable

Connector



2PIN connector
(Singlecolor)

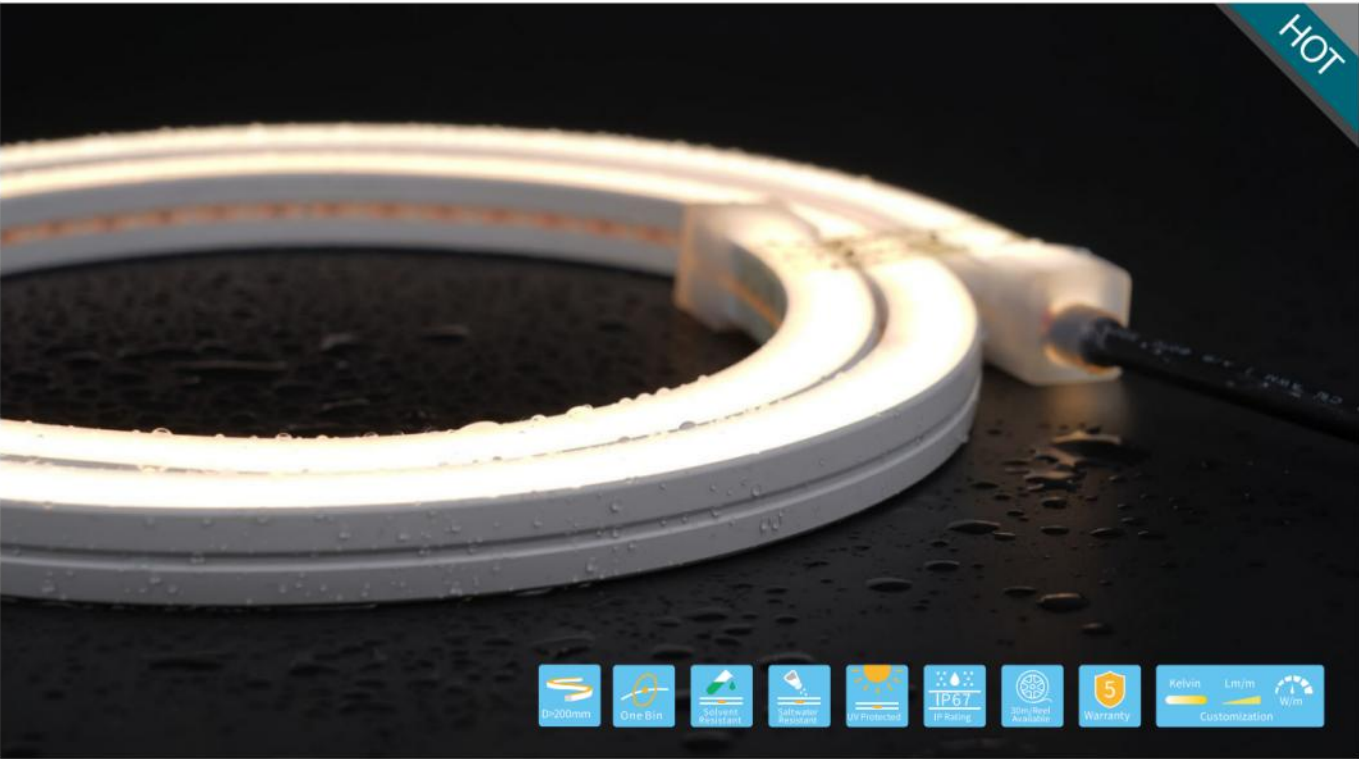


3PIN connector
(TunableWhite)

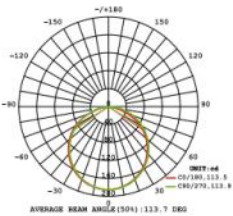


4PIN connector
(RGB color)

SIDE BEND 1212

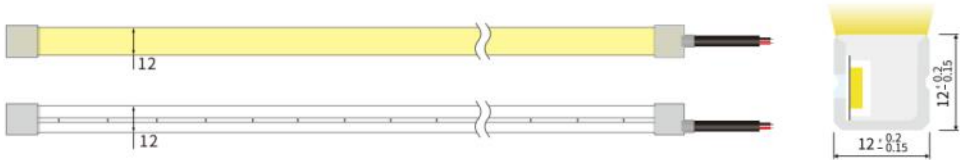


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-S1212	
Voltage	DC24V	
Power(w/m)	10w	
Storage Temperature	-25°C ~60 °C	
Ambient Temperature	Tamin=-25 °C , Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	3w	10W
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	10w
Max. Run Length	13m/17m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	458	10	45.8
	300K0±150	455	10	45.5
	3500K±200	495	10	49.5
	4000K±300	513	10	51.3
	5000K±400	515	10	51.5
	6500K±500	493	10	49.3
--	Red	222	10	22.2
	Green	492	10	49.2
	Blue	102	10	10.2
	Yellow	148	10	14.8
	Orange	207	10	20.7
	Pink	455	10	45.5



CCT Tunable

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
>90	2700K	225	5	45.1
	6000K	261	5	52.3
	2700K+6000K	483	10	48.3



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	58	3.3	17.6
	G	152	3.3	46.2
	B	27	3.3	8.3
	RGB	243	10	24.3



SPI RGB

Voltage	DC24 V
IC Model	WS2811
Power(w/m)	12
Pixels/m	10
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	50	5	10.1
	G	147	5	29.5
	B	24	5	4.8
	RGB	199	12	16.6

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.



End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



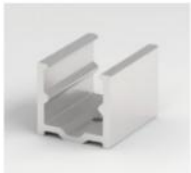
Bottom Cable Entry



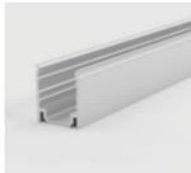
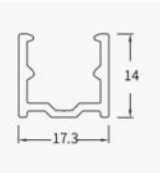
Closed End Cap



Accessories



Aluminium Mounting clips
Length: 2cm

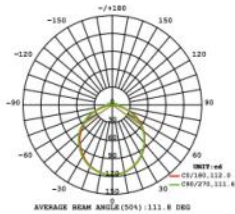


Aluminium Profile
Length: 1m/2m/3m

SIDE BEND 1220

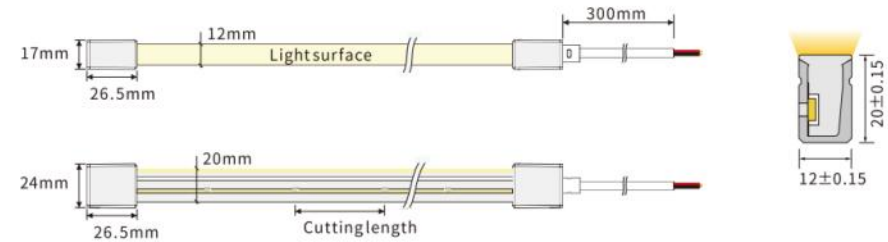


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-S1220		
Voltage	DC24V		
Power(w/m)	5w/10w/15w		
Storage Temperature	-25°C ~60 °C		
Ambient Temperature	Tamin=-25°C , Tmax (Table below)		
Output	Low Output	Std Output	High Output
Power(w/m)	5w	10W	15W
Max. Ambient temp.(Tamax)	55°C	45°C	35°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length	27m/17m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	260	10	26
	2400K±150	295	10	29.5
	2700K±150	305	10	30.5
	3000K±150	310	10	31
	3500K±200	345	10	34.5
	4000K ⁺⁴⁰⁰ ₋₂₀₀	340	10	34
--	5000K ⁺⁵⁰⁰ ₋₃₀₀	330	10	33
	6500K ⁺²⁰⁰ ₋₆₀₀	330	10	33
	Red	155	10	15.5
	Green	373	10	37.3
	Blue	70	10	7
	Yellow	155	10	15.5
--	Pink	150	10	15

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	300	10	30.0
	3000K±150	310	10	31.0
	4000K±300	330	10	33.0
	5000K±400	320	10	32.0
	6500K±400	310	10	31.0

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	172.5	5	34.5
	6000K	185	5	37
	2700K+6000K	354	10	35.4



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm

Note:



RGB

Voltage	DC24 V
Circuit Design	CC/CV
Power(w/m)	CV: 5w/10w/15w CC: 11w
Max. Run Length	13m/5m
Cutting Length	125mm/62.5mm

Parameters (CC13m)

CRI	CCT	lm/m	w/m	lm/w
--	R	33	3.7	9.0
	G	128	3.7	34.7
	B	19	3.7	5.1
	RGB	171	11	15.5

Parameters (CV5m)

CRI	CCT	lm/m	w/m	lm/w
--	R	36.3	3.3	11
	G	107.3	3.3	32.5
	B	23.1	3.3	7
	RGB	160.0	10	16



RGBW

Voltage	DC24 V
Circuit Design	CC/CV
Power(w/m)	CV: 5w/10w/15w CC: 15w
Max. Run Length	10m/5m
Cutting Length	125mm/62.5mm

Parameters (CC10m)

CRI	CCT	lm/m	w/m	lm/w
--	R	36	3.75	36
	G	86	3.75	86
	B	24	3.75	24
	W4000K	103	3.75	103
	RGBW	234	15	234

Parameters (CV5m)

CRI	CCT	lm/m	w/m	lm/w
--	R	22.5	2.5	9
	G	80	2.5	32
	B	20	2.5	8
	W4000K	93.75	2.5	37.5
	RGBW	220	10	22

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

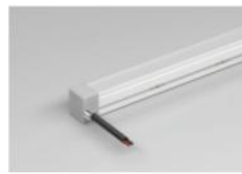


Closed End cap

Silicone End Cap(IP67)



Front Cable Entry



Side Cable Entry



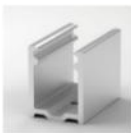
Bottom Cable Entry



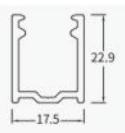
Closed End cap



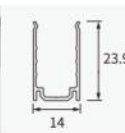
Accessories



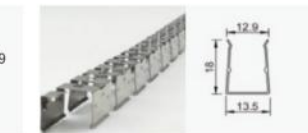
Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m



Curved Stainless
Steel mounting profile



PVC Cable
2PIN, 3PIN, 4PIN



Silicone Cable
2PIN, 3PIN, 4PIN



IP67 Connector
Wire Gauge:
0.5mm²/22AWG



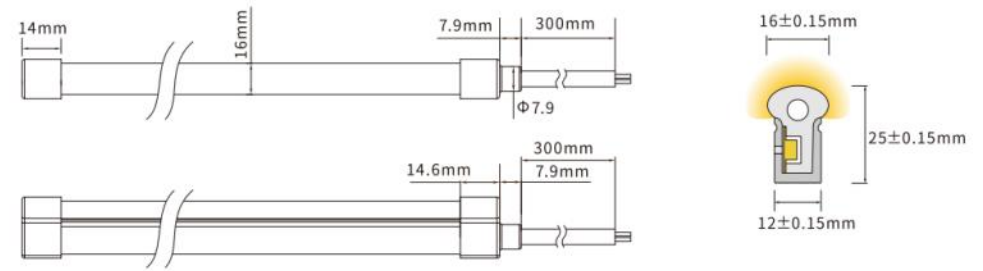
Anti-rain connector

SIDE BEND 1225



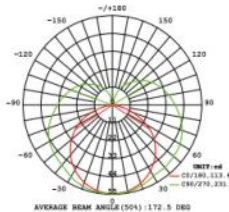
Arched structure with a curved luminous surface and a wide beam angle, ideal for indoor and outdoor decorative lighting. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Dimensions



Basic Parameters

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



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

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	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length	27m/17m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	240	10	24
	2400K±150	270	10	27
	2700K±150	290	10	29
	3000K±150	290	10	29
	3500K±200	305	10	30.5
	4000K ⁺⁴⁰⁰ ₋₂₀₀	320	10	32
--	5000K ⁺⁵⁰⁰ ₋₃₀₀	300	10	30
	6500K ⁺²⁰⁰ ₋₆₀₀	315	10	31.5
	Red	125	10	12.5
	Green	340	10	34
	Blue	60	10	6
	Yellow	105	10	10.5
--	Pink	135	10	13.5



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	150	5	30
	6000K	157.5	5	31.5
	2700K+6000K	295	10	29.5



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm/83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	29.7	3.3	9
	G	85.8	3.3	26
	B	16.5	3.3	5
	RGB	135	10	13.5



RGBW

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm/83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	15	2.5	6
	G	67.5	2.5	27
	B	12.5	2.5	5
	W(3000K±200)	75	2.5	30
>80	RGBW	180	10	18

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.



End Cap & Cable Lead Option

Integral End Cap (IP67)



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



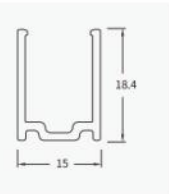
Closed End cap



Accessories



Aluminium Mounting clips
Length: 2cm



Aluminium Profile
Length: 1m/2m/3m

Cable



2PIN cable



3PIN cable



4PIN cable



5PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(TunableWhite)



4PIN connector
(RGB color)

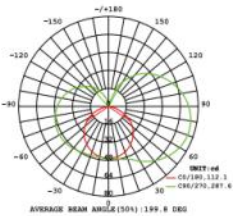


5PIN connector
(RGB+White color)

SIDE BEND 1616 NEW Tri-colors silicone extrusion

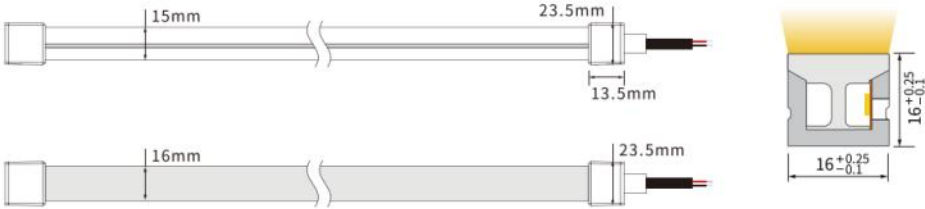


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-S1616		
Voltage	DC24V		
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	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length	25m/17m/12m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	460	10	46
	2400K±150	540	10	54
	2700K±150	660	10	66
	3000K±150	570	10	57
	3500K±200	630	10	63
	4000K ⁺⁴⁰⁰ ₋₂₀₀	720	10	72
	5000K ⁺⁵⁰⁰ ₋₃₀₀	750	10	75
--	6500K ⁺²⁰⁰ ₋₆₀₀	690	10	69
	Red	290	10	29
	Green	550	10	55
	Blue	130	10	13
	Yellow	290	10	29
	Pink	470	10	47

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	590	10	59.0
	3000K±150	600	10	60.0
	4000K±300	620	10	62.0
	5000K±400	610	10	61.0
	6500K±400	600	10	60.0



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	330	5	66
	6000K	345	5	69
	2700K+6000K	670	10	67



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm/83.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	75.9	3.3	23
	G	191.4	3.3	58
	B	36.3	3.3	11
	RGB	310	10	31



RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	83.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	57.5	2.5	23
	G	225	2.5	90
	B	42.5	2.5	17
>90	W(3000K±150)	183.75	2.5	73.5
	RGBW	510	10	51

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.

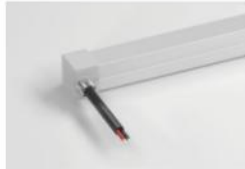


End Cap & Cable Lead Option

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



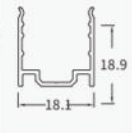
Closed End cap



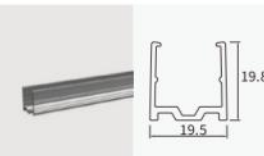
Accessories



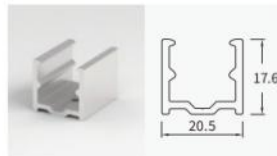
Aluminium Profile
Length: 1m/2m/3m



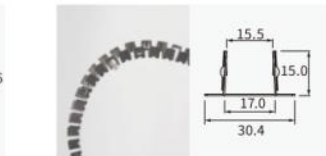
PC Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



Flexible Curved Profile
Length: 0.5m



2PIN cable



3PIN cable



4PIN cable



5PIN cable



2PIN connector
(Single color)



3PIN connector
(Tunable White)



4PIN connector
(RGB color)

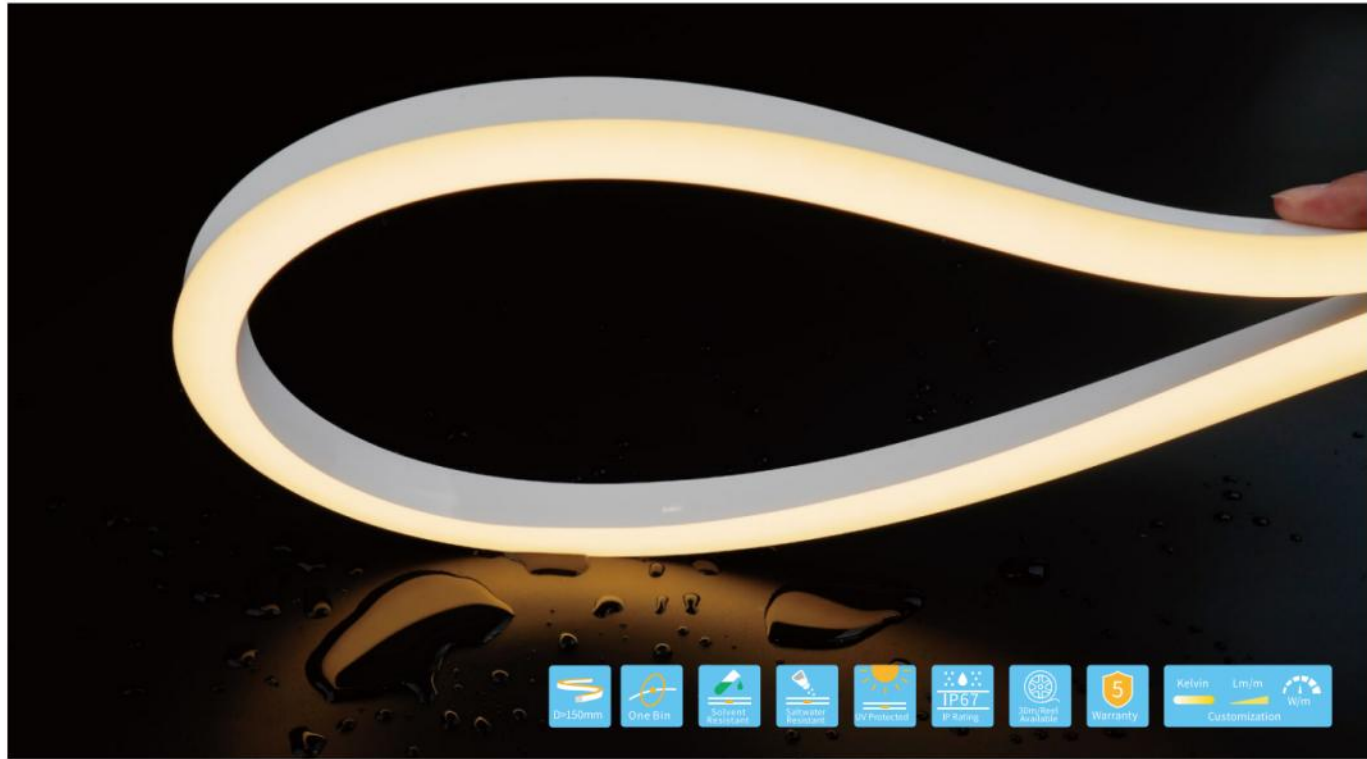


5PIN connector
(RGB+White color)

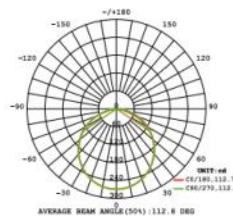
Connector

SIDE BEND 1616

NEW

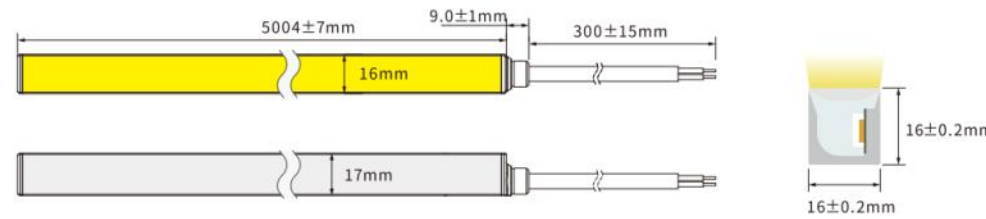


Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Unique design without a transparent cutting window to prevent light leakage, featuring a precise laser-cut mark on the silicone tube. Dust-resistant matte finish ensures a clean look with uniform, natural light. Run length > 10m, production length up to 30m. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-S1617
Voltage	DC24V
Power(w/m)	10w
Storage Temperature	-25°C ~ 60 °C
Ambient Temperature	Tamin=-25°C , Tmax (Table below)
Output	Std Output
Power(w/m)	10W
Max. Ambient temp.(Tamax)	45 °C



Single Color

Voltage	DC24 V
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	692	10	69.2
	3000K	720	10	72.0
	3500K	746	10	74.6
	4000K	738	10	73.8
	5000K	741	10	74.1
	6500K	751	10	75.1
--	Red	275	10	27.5
	Green	689	10	68.9
	Blue	142	10	14.2
	Yellow	219	10	21.9
	Orange	831	10	27.2
	Pink	831	10	58.6



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	11w
Max. Run Length	5m
Cutting Length	71.43mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	660	10	66.0
	6000K	709	10	70.9
	2700K+6000K	789	11	71.7



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	83.33mm

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

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	83.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	70	3.75	18.7
	G	267	3.75	71.3
	B	49	3.75	13.0
	3000K±150	234	3.75	62.4
>80	RGBW	644	15	42.9

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.



End Cap & Cable Lead Option

Integral End Cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



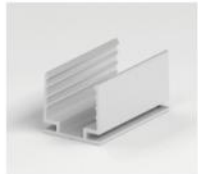
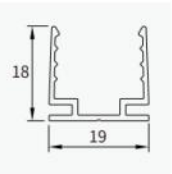
Closed End cap



Accessories



Aluminium Profile
Length: 1m/2m/3m

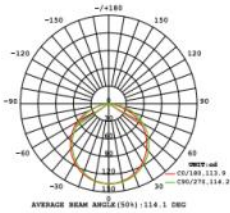


Aluminium Mounting clips
Length: 2cm

SIDE BEND 2020

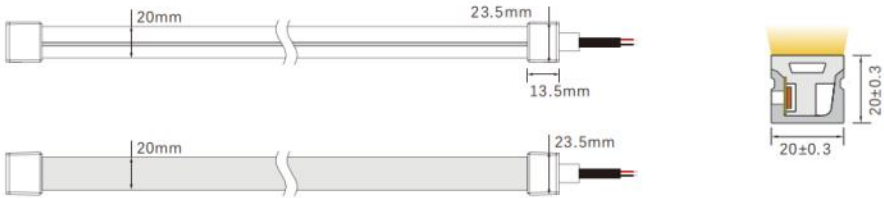


20mm flat luminous surface, ideal for indoor and outdoor architectural lighting. Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-S2020		
Voltage	DC24V		
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	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w/15w
Max. Run Length(CC)	27m/17m/12m
Cutting Length	50mm

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	8.33mm



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	50mm



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm/88.3mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2100K±150	380	10	38
	2400K±150	450	10	45
	2700K±150	460	10	46
	3000K±150	430	10	43
	3500K±200	480	10	48
	4000K +400 -200	470	10	47
--	5000K +500 -300	470	10	47
	6500K +200 -600	460	10	46
	Red	220	10	22
	Green	350	10	35
	Blue	100	10	10
	Yellow	210	10	21
	Pink	340	10	34

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	400	10	40.0
	3000K±150	425	10	42.5
	4000K±300	442	10	44.2
	5000K±400	430	10	43.0
--	6500K±400	415	10	41.5

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>90	2700K	250	5	50
	6000K	255	5	51
	2700K+6000K	490	10	49

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	59.4	3.3	18
	G	128.7	3.3	39
	B	23.1	3.3	7
	RGB	210	10	21



RGBW

Voltage	DC24V
Circuit Design	CV
Power(w/m)	5w/10w/15w
Max. Run Length	5m
Cutting Length	62.5mm/88.3mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	35	2.5	14
	G	97.5	2.5	39
	B	30	2.5	12
>80	W(3000K±200)	130	2.5	52
	RGBW	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.

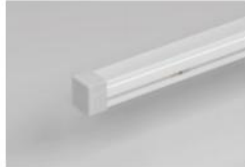


End Cap & Cable Lead Option

Silicone End Cap (Ip67)



Front Cable Entry



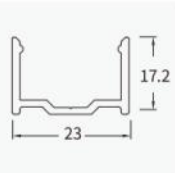
Closed End cap



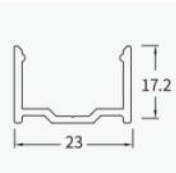
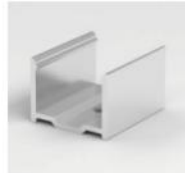
Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



2PIN cable



3PIN cable



4PIN cable



5PIN cable

Connector



2PIN connector
(Single color)



3PIN connector
(Tunable White)



4PIN connector
(RGB color)

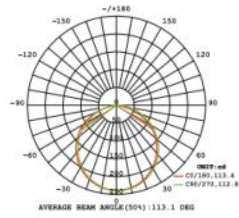


5PIN connector
(RGB+White color)

SIDE BEND 3032

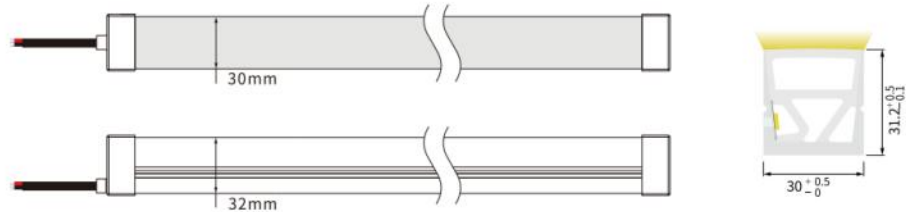


Wide 30mm flat luminous surface, ideal for indoor and outdoor architectural lighting. Made from Dow SILASTIC™ silicone with high light transmission and integrated extrusion molding process, featuring IP67 protection. Proven to resist hydrochloric acid, acid and alkali corrosion, flame retardance, and UV yellowing through 9 rigorous tests. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-S3032
Voltage	DC24V
Power(w/m)	15w
Storage Temperature	-25°C ~60 °C
Ambient Temperature	Tamin=-25 °C , Tmax (Table below)
Output	Std Output
Power(w/m)	15W
Max. Ambient tempt.(Tamax)	45 °C



Single Color

Voltage	DC24 V
Circuit Design	CV/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 ⁺²⁰⁰ ₋₆₀₀	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

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	485	10	48.5
	3000K±150	512	10	51.2
	4000K±300	535	10	53.5
	5000K±400	510	10	51.0
	6500K±400	500	10	50.0



CCT Tunable

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
>90	2700K±150	314	7.5	41.9
	6500K±500	341	7.5	45.4
	2700K+6500K	650	15	43.3



RGB

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	75	5	14.9
	G	275	5	54.9
	B	48	5	9.6
	RGB	375	15	25



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.

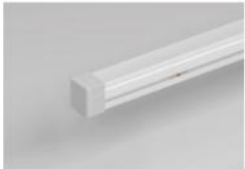


End Cap & Cable Lead Option

Silicone End Cap (IP67)



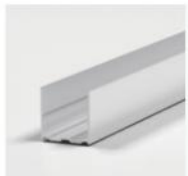
Front Cable Entry



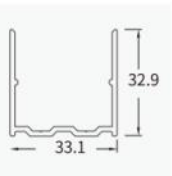
Closed End cap



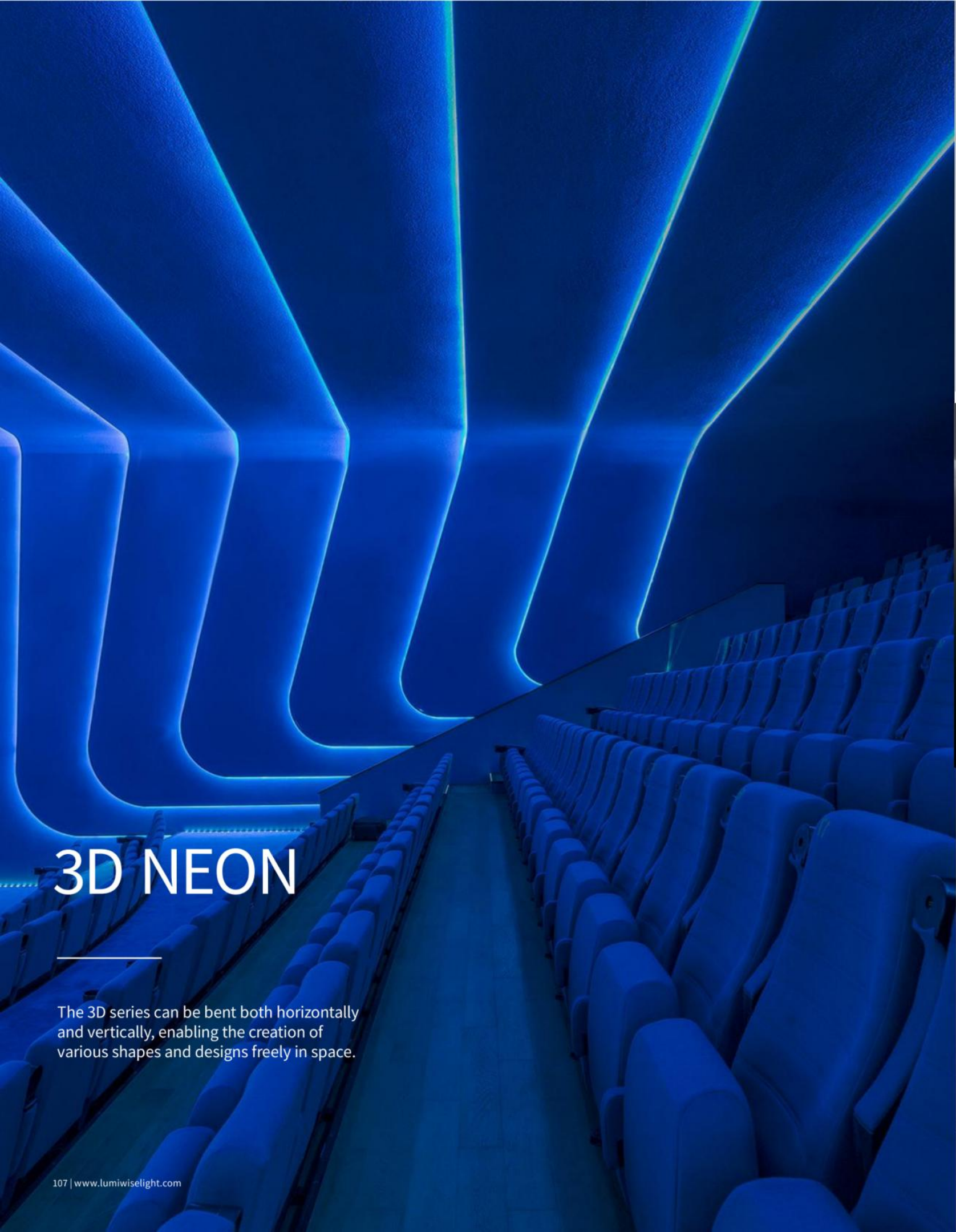
Accessories



Aluminium Profile
Length: 1m/2m/3m

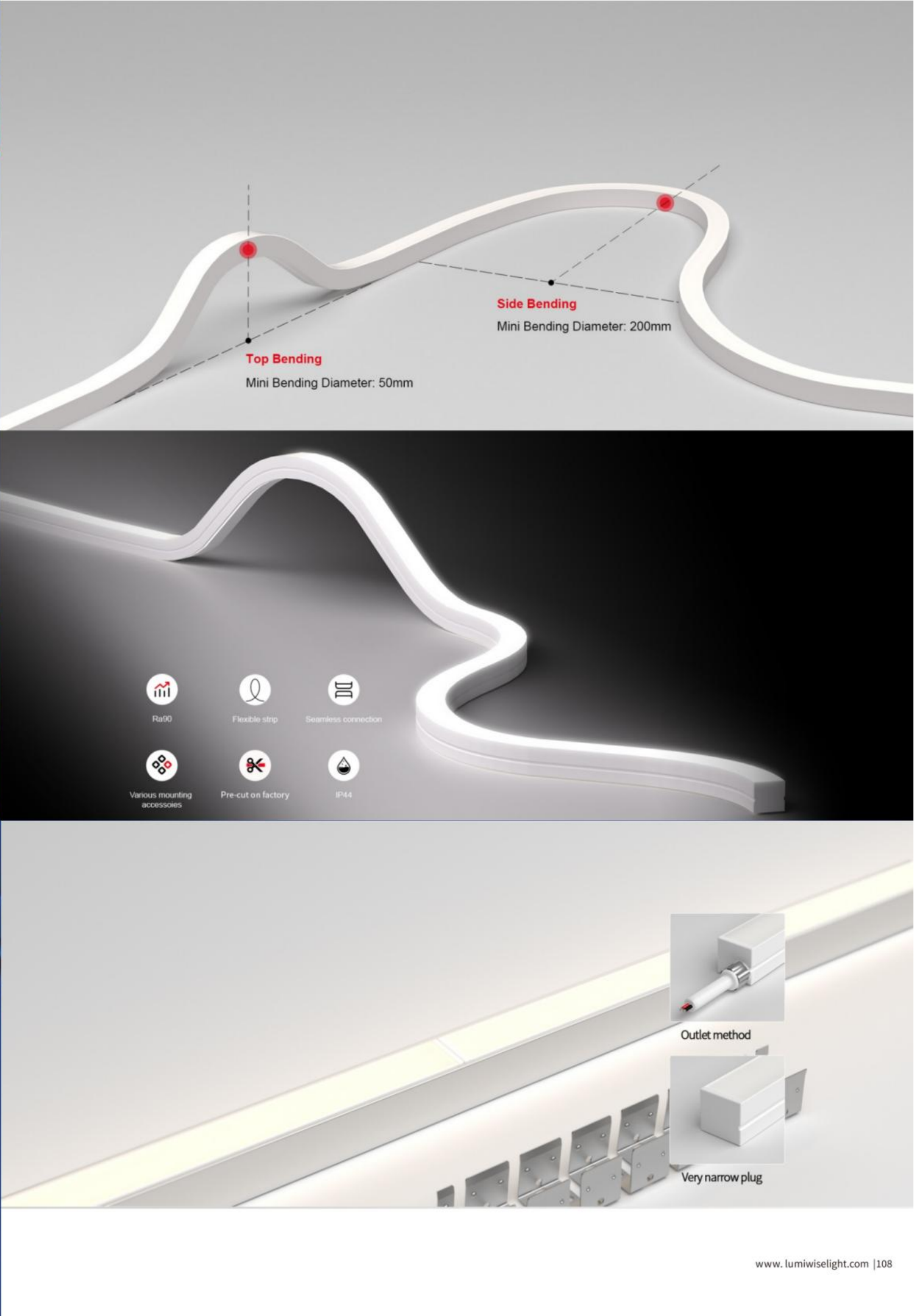


Aluminium Mounting clips
Length: 2cm



3D NEON

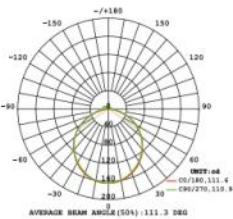
The 3D series can be bent both horizontally and vertically, enabling the creation of various shapes and designs freely in space.



3D BEND 3D1010 NEW

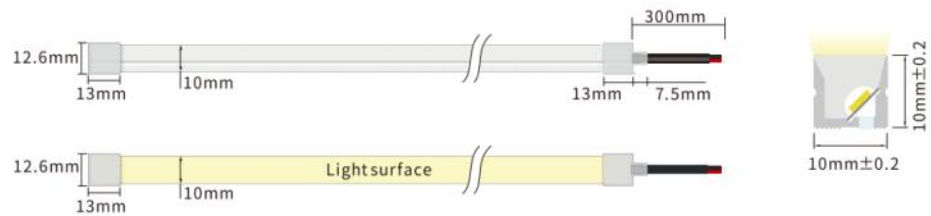


10mm wide luminous surface with top and side bending, ideal for versatile indoor, outdoor, and architectural lighting, meeting various installation needs. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-3D1010
Voltage	DC24V
Power(w/m)	5w/10w
Storage Temperature	-25°C ~60 °C
Ambient Temperature	Tamin=-25 °C , Tamax=-50 °C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/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 +200 -600	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.



End Cap & Cable Lead Option

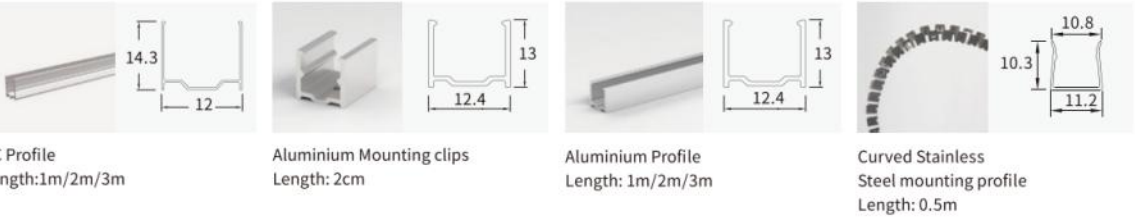
Silicone End Cap (IP67)



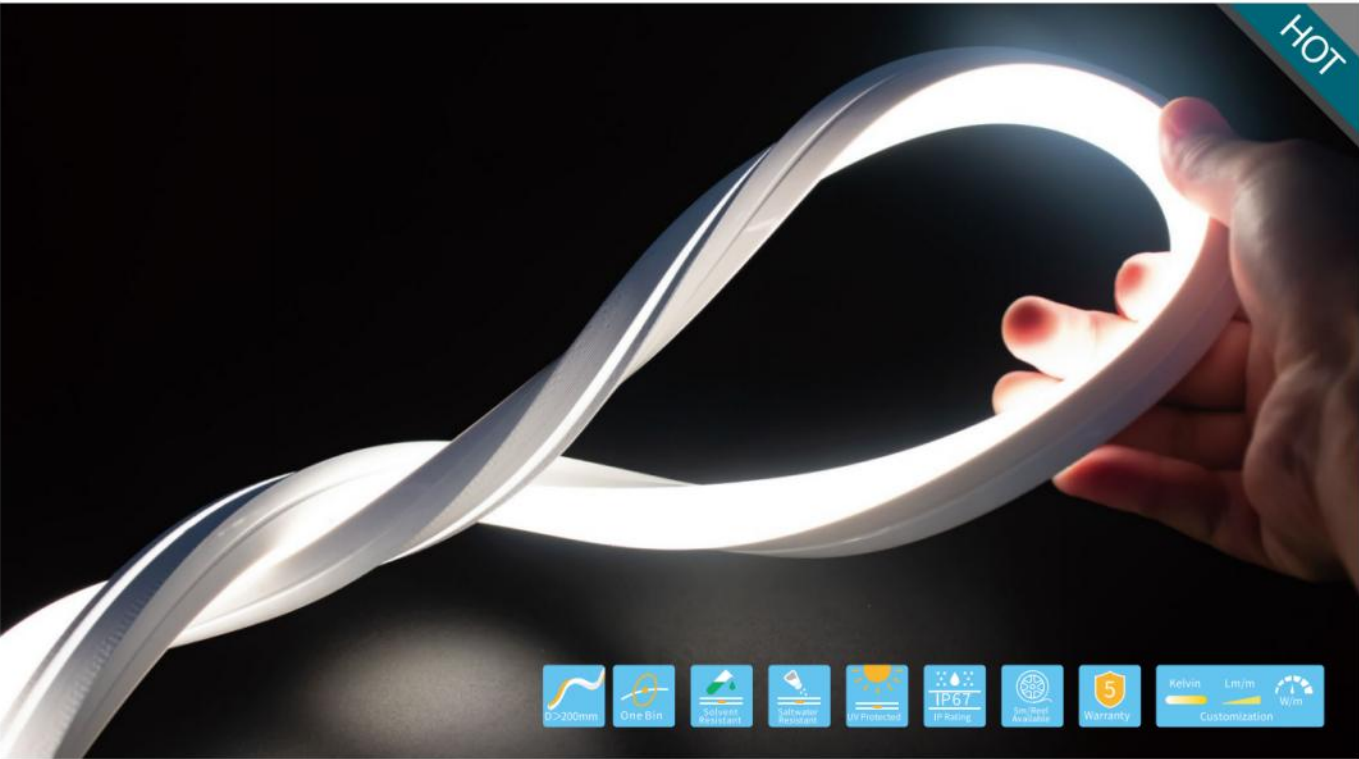
Integral End Cap (IP67)



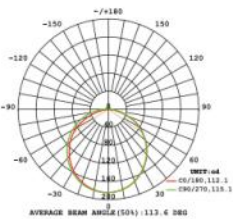
Accessories



3D BEND 3D1616

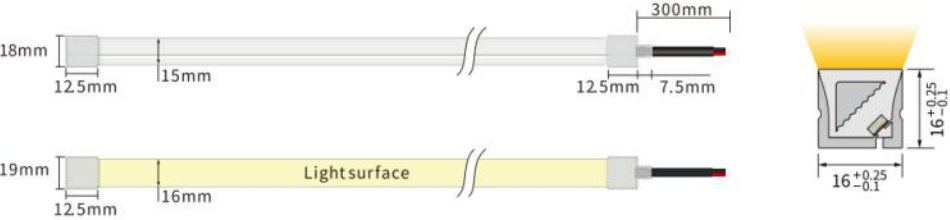


16mm wide luminous surface with top and side bending, ideal for versatile indoor, outdoor, and architectural lighting, meeting various installation needs. Tri-color silicone extrusion with a clear window for easy cutting. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-3D1616	
Voltage	DC24V	
Power(w/m)	5w/10w	
Storage Temperature	-25°C ~60 °C	
Ambient Temperature	Tamin=-25 °C , Tamax=-55 °C	
Output	Low Output	Std Output
Power(w/m)	5w	10w
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV/CC
Power(w/m)	5w/10w
Max. Run Length(CC)	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 -200}	750	10	75
--	6500K ^{+200 -600}	730	10	73
	Red	310	10	31
	Green	530	10	53
	Blue	140	10	14
	Yellow	260	10	26
	Pink	480	10	48

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.



End Cap & Cable Lead Option

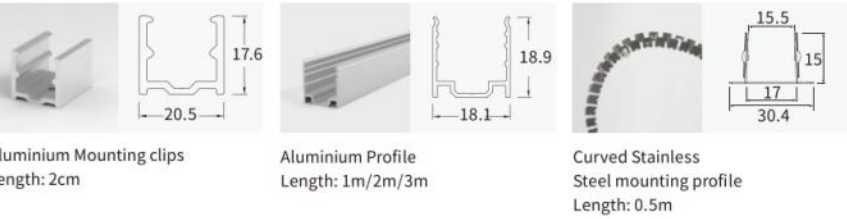
Silicone End Cap (IP67)



Integral End Cap (IP67)



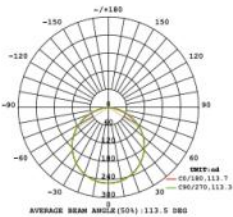
Accessories



3D BEND 3D1617

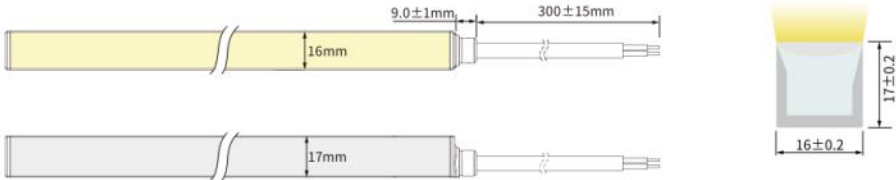


16mm wide luminous surface with top and side bending, ideal for versatile indoor, outdoor, and architectural lighting, meeting various installation needs. Unique design without a transparent cutting window to prevent light leakage, featuring a precise laser-cut mark on the silicone tube. Dust-resistant matte finish ensures a clean look with uniform, natural light. 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-3D1617
Voltage	DC24V
Power(w/m)	10w
Storage Temperature	-25°C ~60 °C
Ambient Temperature	Tamin=-25 °C , Tmax=-55 °C
Output	Std Output
Power(w/m)	10w
Max. Ambient tempt.(Tamax)	45°C



Single Color

Voltage	DC24 V
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	737.6	10	73.8
	3000K±150	713.2	10	71.3
	3500K±200	740.6	10	74.1
	4000K±300	812.2	10	81.2
	5000K±400	800.1	10	80.0
	6500K±400	739.0	10	73.9
--	Red	335.7	10	33.6
	Green	933.1	10	93.3
	Blue	145.0	10	14.5
	Yellow	251.4	10	25.1
	Pink	668.3	10	66.8
	Orange	391.1	10	39.1



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	71.43mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	368.3	5	73.7
	6000K	375.0	5	75.0
	2700K+6000K	740.2	10	74.0



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	71.9	3.3	21.8
	G	208.4	3.3	63.1
	B	40.6	3.3	12.3
	RGB	3231	10	32.3



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	69.3	3.75	18.4
	G	214.2	3.75	57.1
	B	41.8	3.75	777
	4000K±300	1771	3.75	47.2
>90	RGBW	497.7	15	33.1



SPI RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	12.5w
Max. Run Length	5m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	67.7	4.8	14.1
	G	190.1	4.8	39.61
	B	29.5	4.8	6.15
	RGB	399.9	12.5	22.59

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.



End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



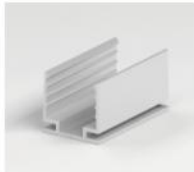
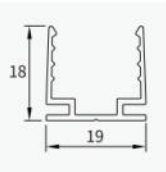
Closed End cap



Accessories



Aluminium Profile
Length: 1m/2m/3m



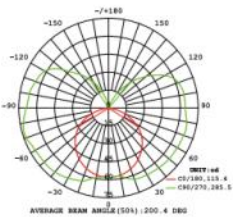
Aluminium Mounting clips
Length: 2cm



ROUND 360° R18

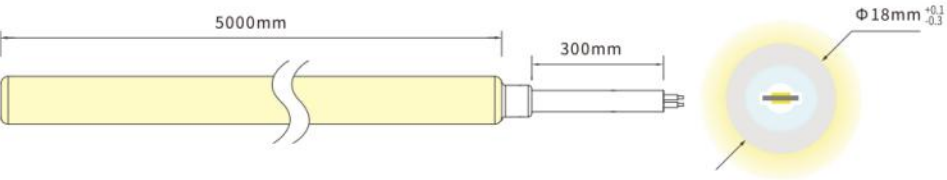


13mm diameter, 360° uniform lighting.
Silicone co-extrusion with a dust-resistant matte finish for a clean, uniform appearance.
IP65 rated, suitable for indoor decorative or artistic lighting.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-R18	
Voltage	DC24V	
Power(w/m)	10w/15w	
Storage Temperature	-25°C ~60 °C	
Ambient Temperature	Tamin=-25 °C , Tamax (Table below)	
Output	Low Output	High Output
Power(w/m)	10w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w/15w
Max. Run Length	5m
Cutting Length	25mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	1800K±100	385	8.6	44.7
	2400K±150	461	8.6	53.6
	2700K±150	514	8.6	59.8
	3000K±150	518	8.6	60.2
	3500K±200	506	8.6	58.8
	4000K±300	531	8.6	61.7
	5200K±400	500	8.6	58.1
--	6500K±400	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.



End Cap & Cable Lead Option

Front Cable Entry



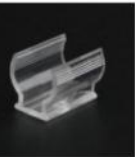
Front Cable Entry



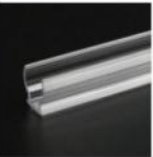
Closed End Cap



Accessories

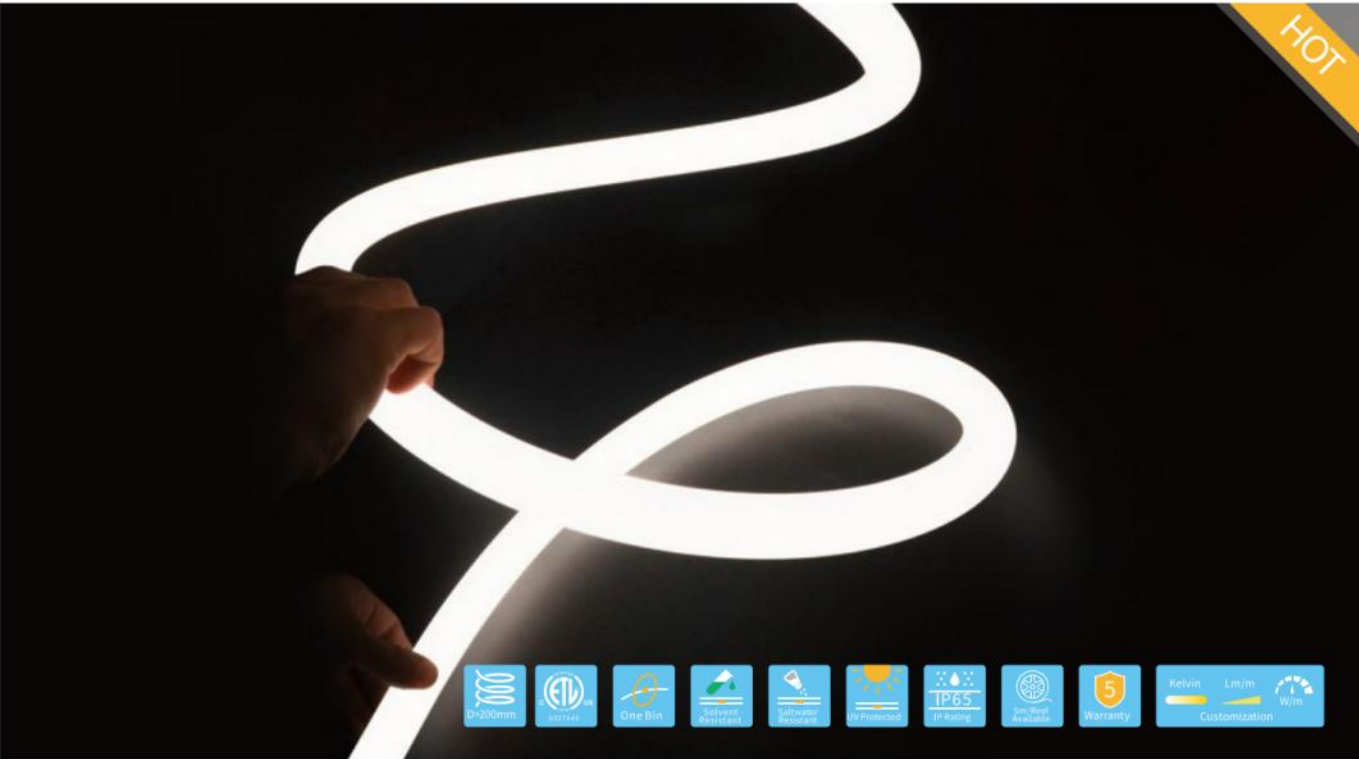


PC clips
20x10.5x13.7mm(L x W x H)
Accessories:Screw M3x15mm

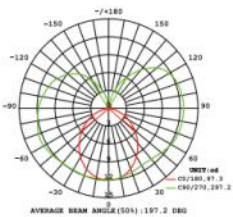


PC Profile
1000(±5)x10.5x13.7mm(L x W x H)
Accessories:Screw M3x15mm

ROUND 360° R25

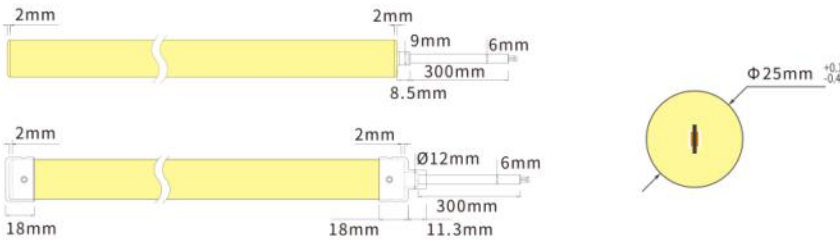


25mm diameter, 360° uniform lighting.
Silicone co-extrusion with a dust-resistant matte finish for a clean, uniform appearance.
IP65 rated, suitable for indoor decorative or artistic lighting.
Supports various installation methods for creative lighting designs.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-R25		
Voltage	DC24V		
Power(w/m)	5w/10w/16w		
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	16w
Max. Ambient tempt.(Tamax)	55°C	45°C	35°C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2400K±150	525	10	56
	2700K±150	517	10	55
	3000K±150	529	10	27
	3500K±200	600	10	61
	4000K±300	556	10	59
	5000K±300	604	10	62
--	6000K±300	586	10	60
	R: 620-630nm	246	10	25
	G: 520-530nm	502	10	50
	B: 465-475nm	114	10	11
	Y: 585-595nm	209	10	21
	Pink	409	10	41

Free Cut

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	8.33mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K±150	517	10	51.7
	3000K±150	529	10	52.9
	4000K±300	556	10	55.6
	6500K±400	586	10	58.6



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	258	5	50
	5000K	262	5	50
	3500K	517	10	50



RGB

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	5w/10w
Max. Run Length	5m
Cutting Length	50mm

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

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	16w
Max. Run Length	5m
Cutting Length	50mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	 R: 620-630nm	58	2.5	15
	 G: 520-530nm	194	2.5	49
	 B: 465-475nm	32	2.5	8
>90	 RGB	281	2.5	23
	 3000K	224	10	56

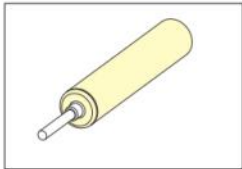
Note:

- 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.

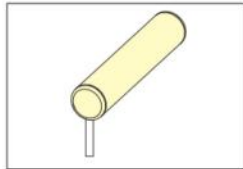


End Cap & Cable Lead Option

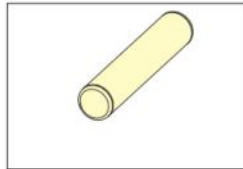
Silicone End Cap (IP67)



Front Cable Entry



Side Cable Entry



Closed End cap



Accessories



PC Clips Set
Transparent PC mounting clips, Tapping screws, Expandable rubber plugs



PC Profile Set
Transparent PC mounting profile, Tapping screws, Expandable rubber plugs



Hanging PC Clips Set
Type: "—" Shape installation
Transparent PC mounting clips, Kit of hanging rope, Screws



Hanging PC Profile Set
Type: "—" Shape installation
Transparent PC mounting profile, Kit of hanging rope, Screws



Mounting Metal Base Set
Type: "I" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Mounting Metal Base Set
Type: "U" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Hanging Metal Base Set
Type: "I" Shape installation
Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs



Metal Connector for Side Cable Entry
Metal connector with side outlet, Tapping screws



Hanging PC Connector Set
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent connector



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube ;



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube



The Head



The End



The Head



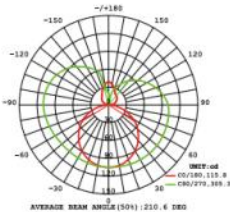
The End

ROUND 360° R40

NEW

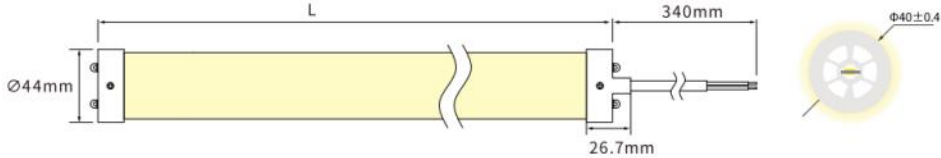


40mm diameter, 360° uniform lighting.
Silicone co-extrusion with a dust-resistant matte finish for a clean, uniform appearance.
IP65 rated, suitable for indoor decorative or artistic lighting.
Supports various installation methods for creative lighting designs.
5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.



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

Dimensions



Basic Parameters

Model No.	NS-R40
Voltage	DC24V
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)	45 °C



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	15w
Max. Run Length	5m
Cutting Length	25mm

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±300	1005	15	67
	5000±400	1065	15	71
	6500±400	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



CCT Tunable

Voltage	DC24 V
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	593	7.5	79
	6500±400	578	7.5	77
	4000±300	1155	15	77



RGB

Voltage	DC24 V
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	105	5	21
	G: 520-530nm	430	5	86
	B: 465-475nm	75	5	15
	RGB	615	15	41



RGBW

Voltage	DC24 V
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	84	3.8	22
	G: 520-530nm	342	3.8	90
	B: 465-475nm	65	3.8	17
>80	W: 2700±150	296	3.8	78
	W: 3000±150	281	3.8	74
	W: 4000±300	304	3.8	80
	W: 6500±400	293	3.8	77
	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.



End Cap & Cable Lead Option

Silicone end cap (IP65)



Front Cable Entry

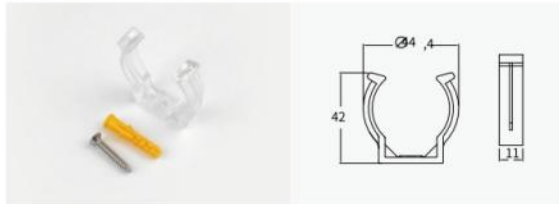


Closed End Cap



Accessories

PC Clip



Dimension: 42x44.4x11mm
Accessories: Screw M4x25mm
Expansion Plug for screw : 6X30mm

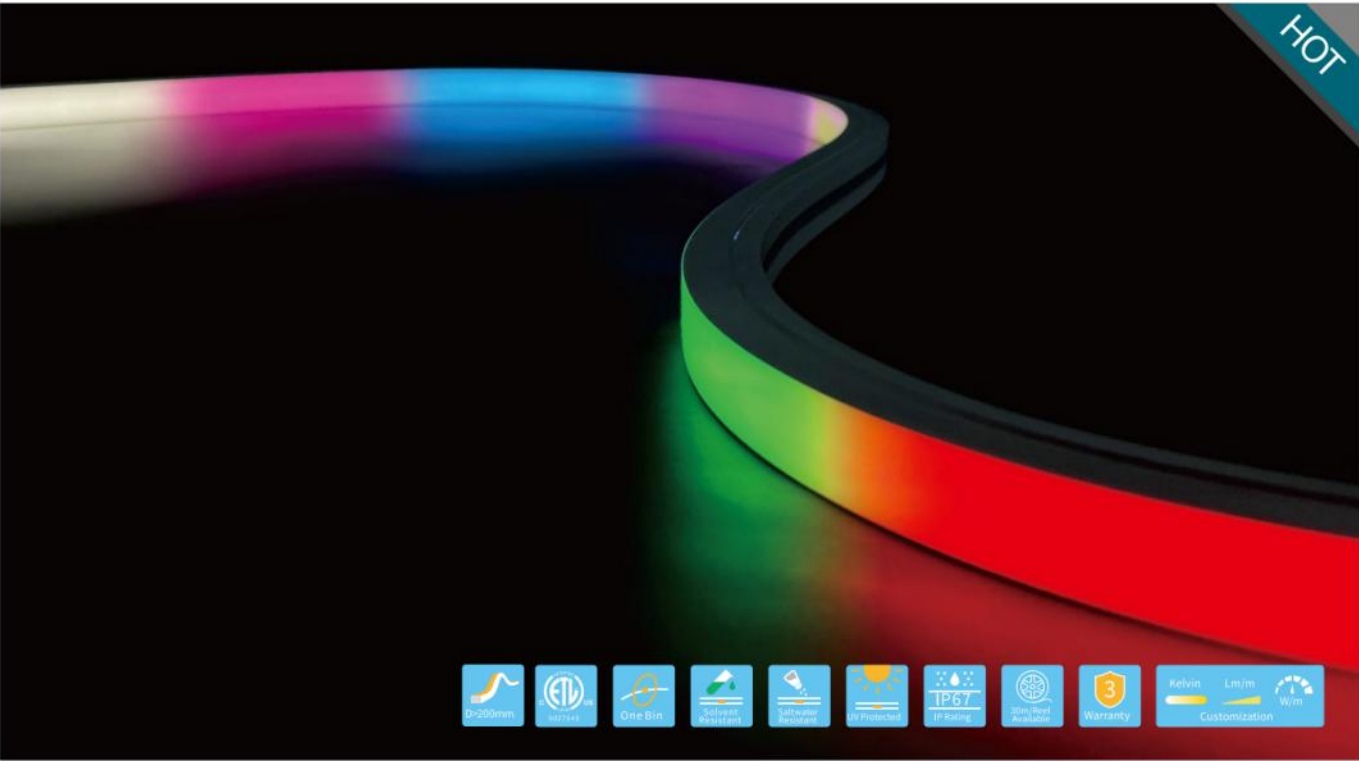




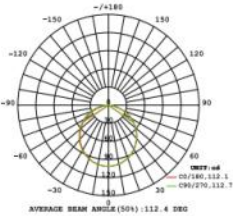
PIXEL NEON

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 T1616

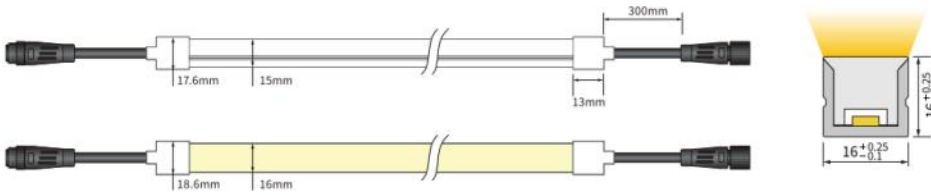


DMX512-controlled digital LED neon with stable signal and long transmission range, ideal for large outdoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-T1616	
Voltage	DC24V	
Power(w/m)	12w/15w	
Storage Temperature	-25°C~60 °C	
Ambient Temperature	Tamin=-25°C, Tamax (Table below)	
Output	Low Output	Std Output
Power(w/m)	12w	15w
Max. Ambient tempt.(Tamax)	55°C	45°C



SPI RGB	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS8603
Pixels/m	8
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	125mm



SPI RGBW	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS2904
Pixels/m	8
Power(w/m)	14.5W
Max. Run Length	5m
Cutting Length	125mm



DMX512 RGB	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS512C2L
Pixels/m	8
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	125mm



DMX512 RGBW	
Voltage	DC24 V
Circuit Design	CV
IC Model	UCS512C2L
Pixels/m	8
Power(w/m)	15W
Max. Run Length	5m
Cutting Length	125mm

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.

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	48	4.8	9.6
	G	148	4.8	36.8
	B	32	4.8	6.5
	RGB	262	12	21.8

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
	W(4000K)	126	4.8	33.8
>90	RGBW	342	14.5	23.6

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

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
	W(4000K)	153	4.8	31.9
>90	RGBW	329	15	21.9

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD : 5.0mm		SPI (Single data cable): Red V+ , Green DI/DO , Black V-
		OD : 5.5mm		SPI (Dual data cable) : 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 : 5.0mm		SPI: Red V+ , Green DI/DO , Black V-
		OD : 6.0mm		Breakpoint Transmission : RedV+ , Green BI/BO , Blue DI/DO , Black V-
		OD : 6.0mm		DMX512: RedV+ , Green PI/PO , Blue AI/AO , White BI/BO , Black V-



End Cap & Cable Lead Option

Integral end cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry

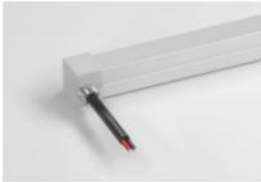


Closed End cap

Silicone end cap (IP67)



Front Cable Entry



Side Cable Entry



Bottom Cable Entry



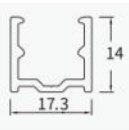
Closed End cap



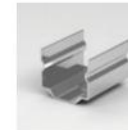
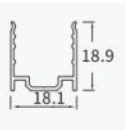
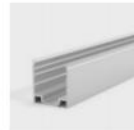
Accessories



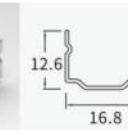
Aluminium Mounting clips
Length: 2cm



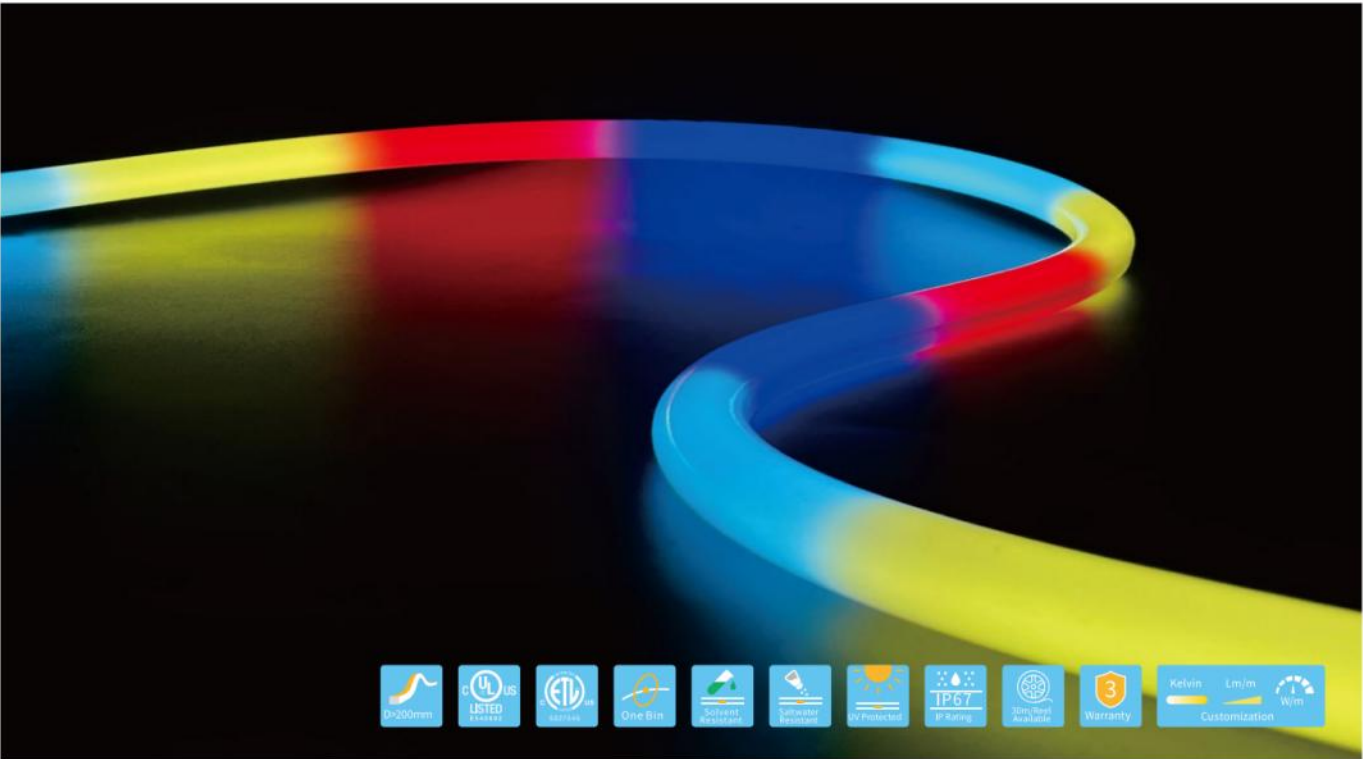
Aluminium Profile
Length: 1m/2m/3m



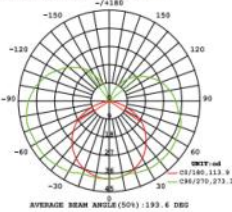
Stainless Steel Mounting clips
Length: 2cm



PIXEL R25

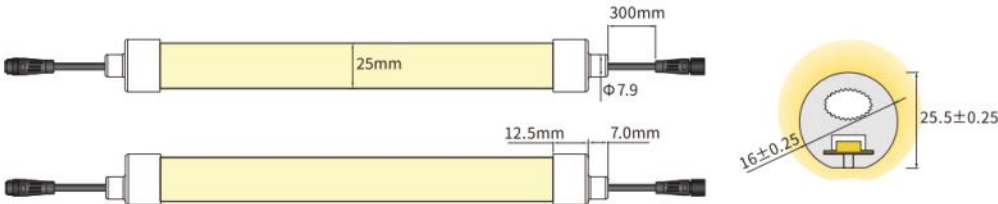


SPI-controlled digital LED neon with WS2811 IC, 16mm diameter near-round design, offering almost 360-degree illumination. Easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan $\geq 30,000$ hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-R25
Voltage	DC24V
Power(w/m)	18w
Storage Temperature	-25°C ~60 °C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



SPI RGB

Voltage	DC24 V
Circuit Design	CV
IC Model	WS2811
Pixels/m	10
Power(w/m)	25w
Max. Run Length	5m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	910	9.1	10.0
	G	268.0	9.1	29.45
	B	41.0	9.1	4.5
	RGB	372.52	22.28	16.72

Note:

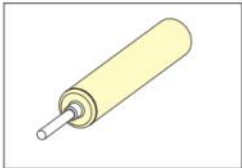
- CV: Constant Voltage CC: Constant Current.
- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values. Due to tolerances of the production process and the electrical components, testing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

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.5mm		SPI: Red V+, Green DI/DO, Black V-
Silicone Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-

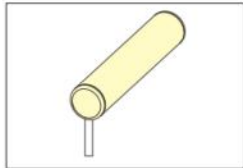


End Cap & Cable Lead Option

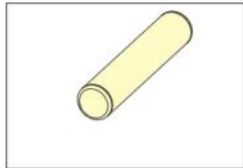
Integral end cap (IP67)



Front Cable Entry



Side Cable Entry



Closed End cap



Accessories



PC Clips Set
Transparent PC mounting clips, Tapping screws, Expandable rubber plugs



PC Profile Set
Transparent PC mounting profile, Tapping screws, Expandable rubber plugs



Hanging PC Clips Set
Type: "—" Shape installation
Transparent PC mounting clips, Kit of hanging rope, Screws



Hanging PC Profile Set
Type: "—" Shape installation
Transparent PC mounting profile, Kit of hanging rope, Screws



Mounting Metal Base Set
Type: "I" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Mounting Metal Base Set
Type: "U" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Hanging Metal Base Set
Type: "I" Shape installation
Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs



Metal Connector for Side Cable Entry
Metal connector with side outlet, Tapping screws



Hanging PC Connector Set
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent connector



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube ;



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube



The Head



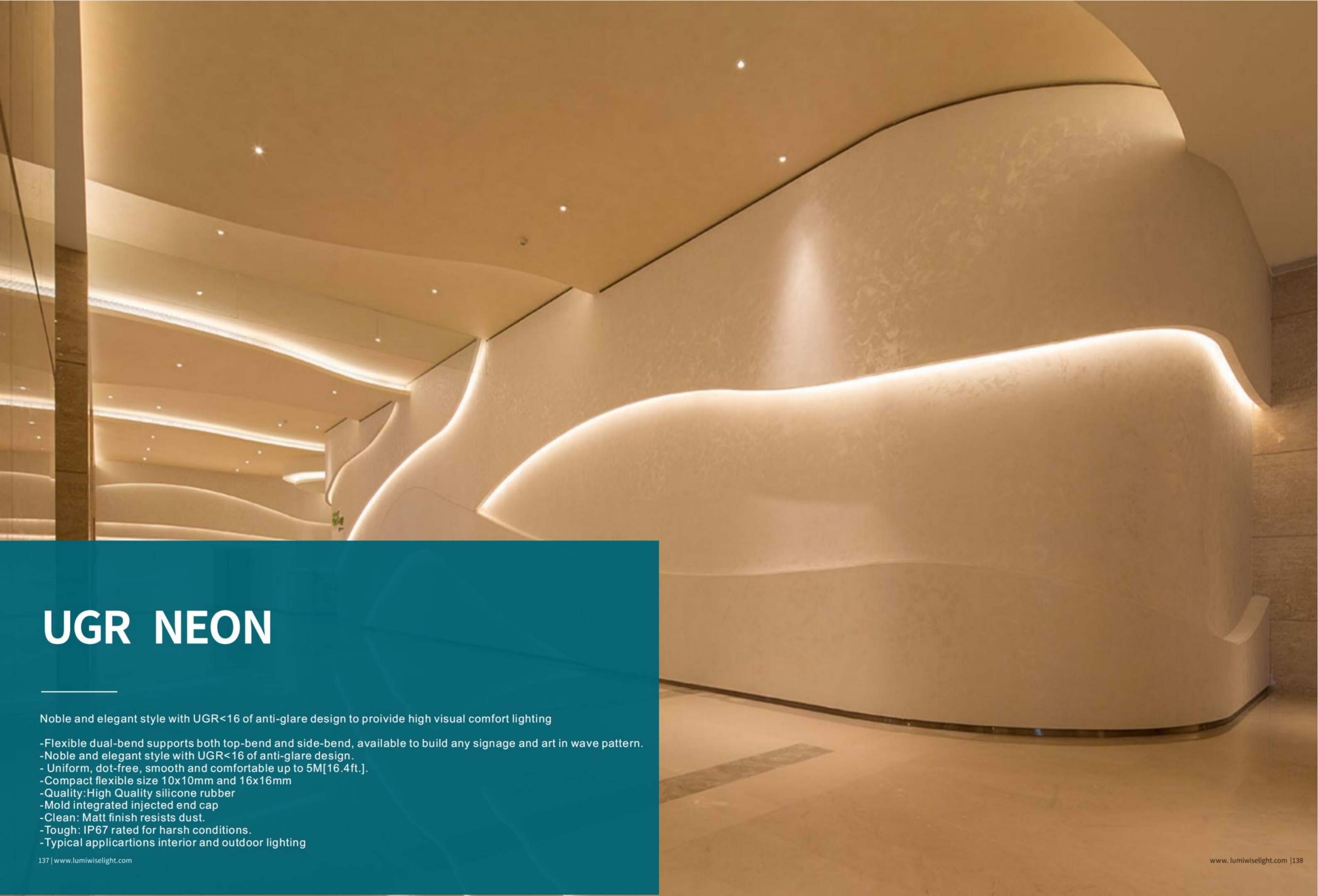
The End



The Head



The End



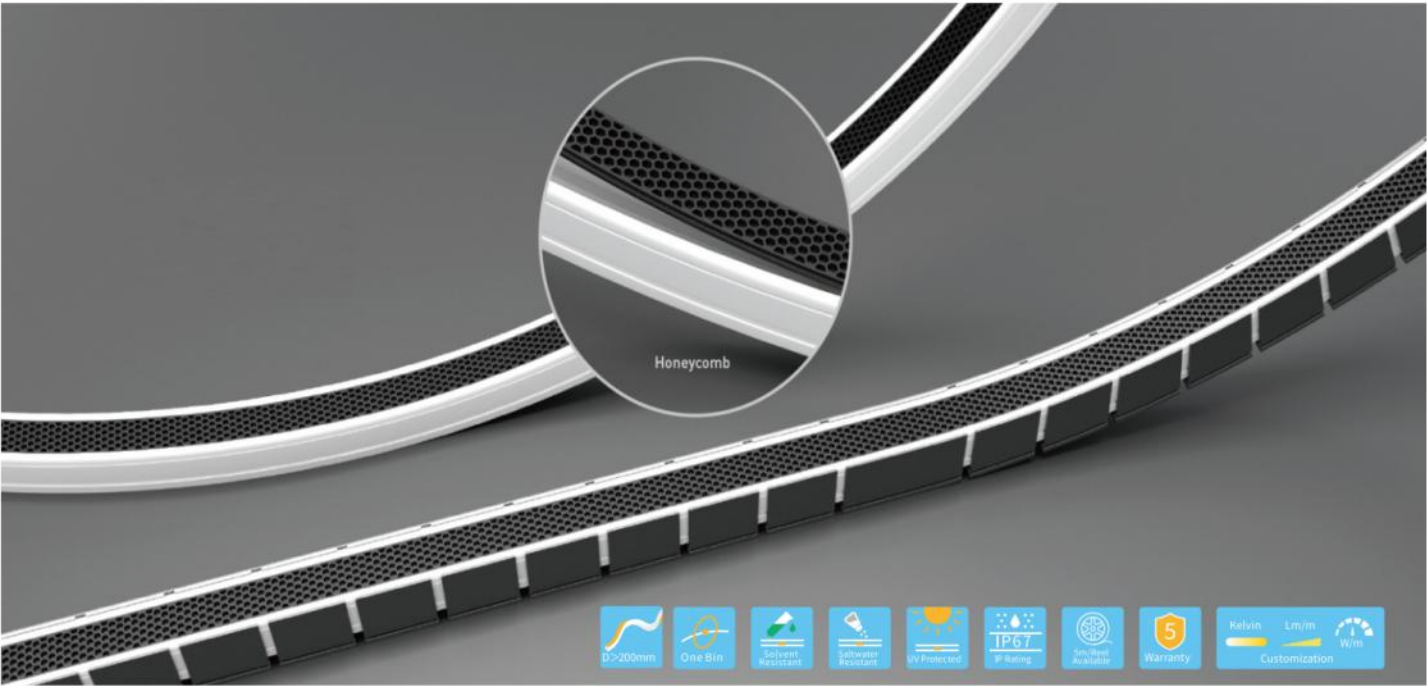
UGR NEON

Noble and elegant style with UGR<16 of anti-glare design to provide high visual comfort lighting

- Flexible dual-bend supports both top-bend and side-bend, available to build any signage and art in wave pattern.
- Noble and elegant style with UGR<16 of anti-glare design.
- Uniform, dot-free, smooth and comfortable up to 5M[16.4ft.].
- Compact flexible size 10x10mm and 16x16mm
- Quality:High Quality silicone rubber
- Mold integrated injected end cap
- Clean: Matt finish resists dust.
- Tough: IP67 rated for harsh conditions.
- Typical applicartions interior and outdoor lighting

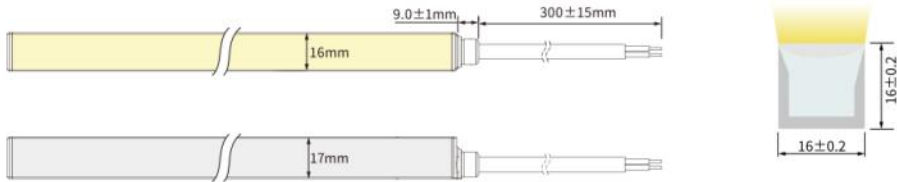
3D BEND 3D1616 ANTI-GLARE

NEW



Dimensions

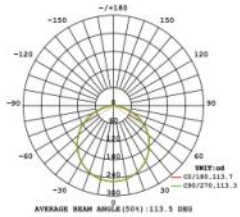
3D Bendable Honeycomb Anti-Glare Strip Light. This is a new type of light strip with a patented internal structure that enables the light strip to achieve both top and side bending. The linear honeycomb louvre design has an excellent anti-glare effect, creating soft and delicate lighting.



Basic Parameters

ModelNo.	NS-3D1616
Voltage	DC24V
Power(w/m)	10w
Storage Temperature	-25°C ~ 60 °C
Ambient Temperature	Tamin=-25 °C , Tamax=-55 °C

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



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



Single Color

Voltage	DC24 V
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	737.6	10	73.8
	3000K±150	713.2	10	71.3
	3500K±200	740.6	10	74.1
	4000K±300	812.2	10	81.2
	5000K±400	800.1	10	80.0
	6500K±400	739.0	10	73.9
--	Red	335.7	10	33.6
	Green	933.1	10	93.3
	Blue	145.0	10	14.5
	Yellow	251.4	10	25.1
	Pink	668.3	10	66.8
	Orange	391.1	10	39.1



CCT Tunable

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	10w
Max. Run Length	5m
Cutting Length	71.43mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	368.3	5	73.7
	6000K	375.0	5	75.0
	2700K+6000K	740.2	10	74.0



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	71.9	3.3	21.8
	G	208.4	3.3	63.1
	B	40.6	3.3	12.3
	RGB	3231	10	32.3



End Cap & Cable Lead Option

Silicone End Cap (IP67)



Front Cable Entry



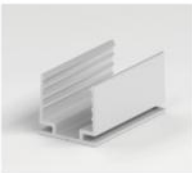
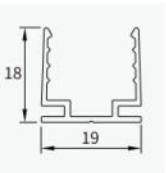
Closed End cap



Accessories



Aluminium Profile
Length: 1m/2m/3m



Aluminium Mounting clips
Length: 2cm



WALL WASHER

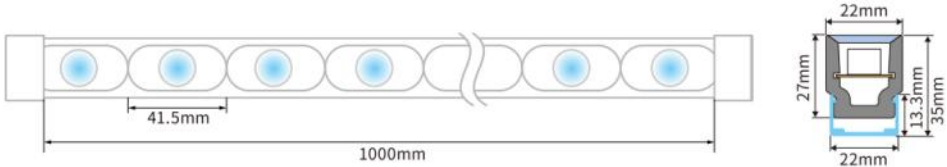
Special series are LED strips for specific purposes. It contains Narrow LED Strips, Dim To Warm LED Strips, Side Emitting LED Strips, S Shape LED Strips, Mini Cutting LED Strips, Special Beam Angle LED strips and Sauna room led strip.

WALL WASHER OPTIC O 2527

NEW



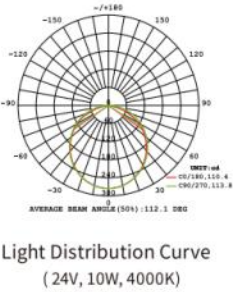
Dimensions



Basic Parameters

Series	25x27
Standard Length	1m
LEDs / M	24 led/m
Distance Between Led	41.5mm
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C
IP Degree	IP65
Max.runlength	4m
Beam angle	Optical Lens:25°/35°/20°55°/10°65° Luminaire(output):23°/32°/21°53°/22°35°

Order code: LM-FW2527W30 -W24 -IP67 -30°
CCT:W27/W30/W40/W60
25°/35°/20°55°/10°65°



Single Color

Voltage	DC24 V
Circuit Design	CV
Power(w/m)	24W
Max. Run Length	4m
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



Digital DMX512

Voltage	DC24 V
IC Model	QUCS512H4
Power(w/m)	24W
Pixel(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)

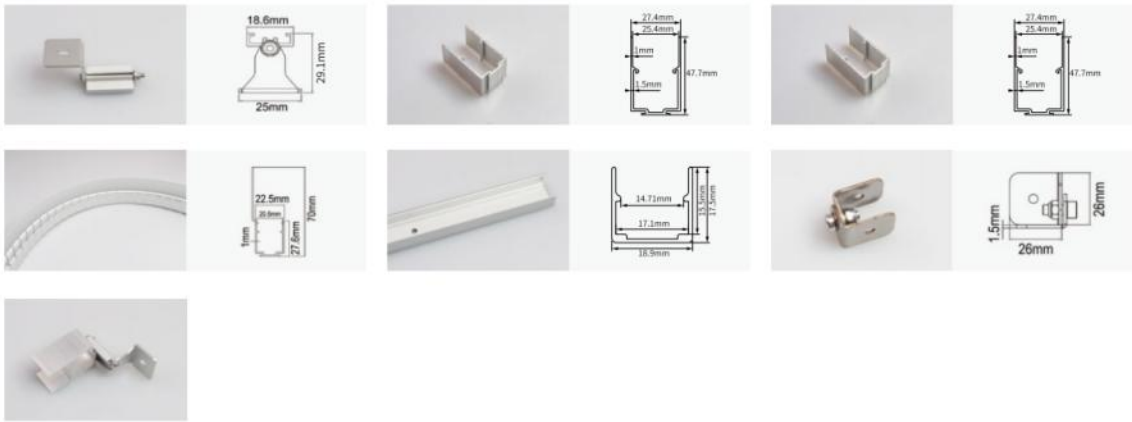
CRI	CCT	lm/m	w/m	lm/w
>80	R:620	880	24	36
	G:530	880	24	36
	B:460	880	24	36
	W:2700~6500K	880	24	36



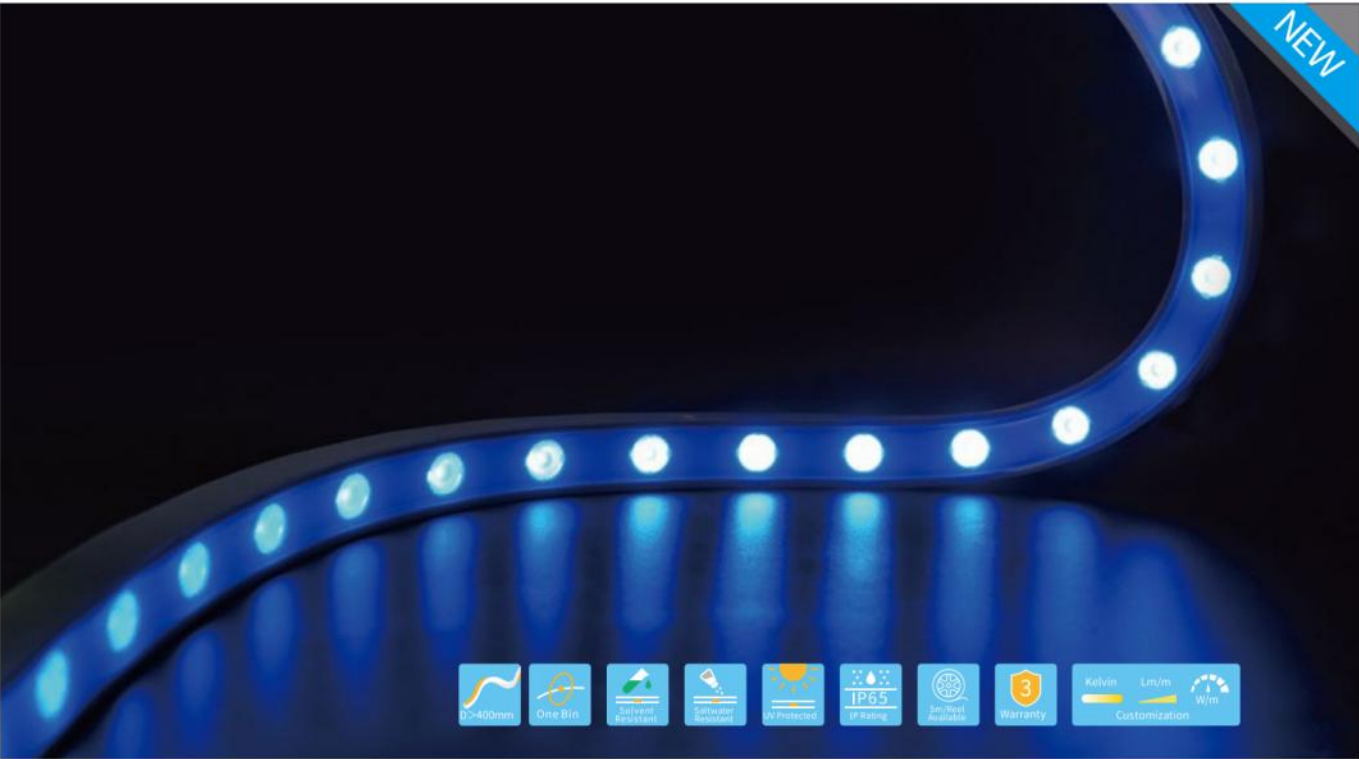
End Cap & Cable Lead Option



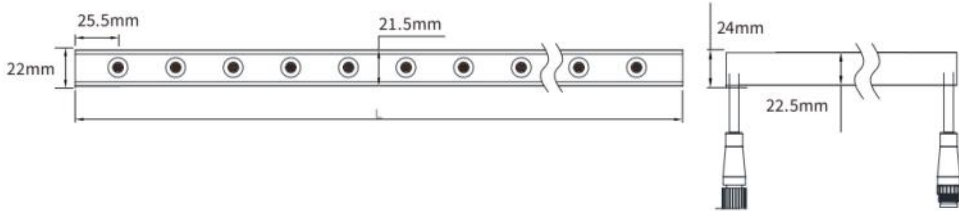
Accessories



WALL WASHER OPTICO 3D2223

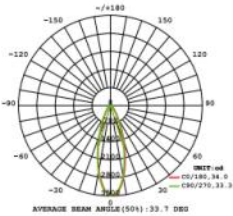


Dimensions



Basic Parameters

WorkingVoltage	DC24V
CRI	>80
LEDS/M	24LEDS
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C
Warranty period	3 years
Beam Angle(50%)	15°/30°/50°/20°*35°/8°*20°/20°*55°
Control Mode	PWM
Max.run Length	5m
Cutttable Lenght	250mm



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



Single Color	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	24W
Max. Run Length(CC)	5m
Cutting Length	250mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>80	4000K ±200K	1480	24	61.7
	3000K ±200K	1545	24	64.4
	2700K ±150K	1580	24	65.8
	6500K +300K -500K	1525	24	63.5



CCT Tunable	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	24w
Max. Run Length(CC)	5m
Cutting Length	250mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
>80	2700K ±150K	850	12	70.8
	6000K +300K -500K	840	12	70.0
--	2700K+6000K	1600	24	66.7



RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	18w
Max. Run Length(CC)	5m
Cutting Length	250mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	R	150	6	25.0
	G	360	6	60.0
	B	65	6	10.8
	RGB	515	18	28.6



DMX RGB	
Voltage	DC24 V
Circuit Design	CV
Power(w/m)	18w
Max. Run Length(CC)	5m
Cutting Length	250mm

Parameters				
CRI	CCT	lm/m	w/m	lm/w
--	DMX512R	145	6	242
	DMX512G	360	6	60.0
	DMX512B	65	6	10.8
	DMX512RGB	515	18	28.6



Cable Lead Option	
Silicone End Cap (IP65)	
Bottom Cable Entry	Closed End Cap



Accessories		
Stainless Steel Mounting clips Length:2cm	Aluminium Mounting clips Length:2cm	Aluminium Profile Length: 1m/2m/3m

WALL WASHER OPTICO 3D 1313 NEW



3D BEND SILICONE WALL WASHER

- 1.Using optical grade environmental protection silicone material, salt resistance, acid and alkali corrosion resistance, flame retardant, UV resistance
- 2.The free bending structure design can perfectly fit the outdoor curved surface of various arcs to achieve the effect of wall washing
- 3.Integrated extrusion molding process, waterproof grade up to IP65
- 4. 35° beam angles optical structure design
- 5.Hidden end cap design, easy to install;
- 6.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.
- 7.With low voltage DC24V, higher safety factor



PRODUCT PARAMETER

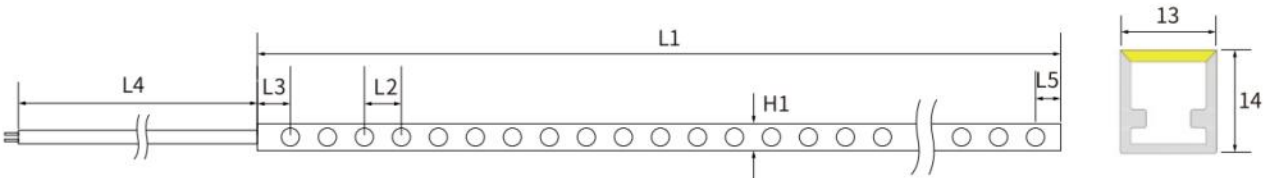
Model	Size(mm) (W*H)	Unit Length (mm)	Voltage (Vdc)	Power (w/m)	Beam Angle	CRI	Lumen (lm/m)	LED	CCT(K)
LM40-FW2835Wx-1313	13x14	100(4LEDs)	24v	15	35°	>90	1725@3000k	2W	2200K/2700K/ 3000K/4000K/ 6500K

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.

3D BEND SILICONE WALL WASHER



Dimensions



L1 (mm)	5005±10	L4 (mm)	300±5
L2 (mm)	25±1.5	L5 (mm)	12.5±2
L3 (mm)	12.5±2	H1 (mm)	13±2

Basic Parameters

Voltage	24V
LEDs / M	40LEDs
Cuttable length(mm)	100 mm/4 LED
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C
Power(w/m)	15w
Max.run length	5m
Beam angle	35°

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2700K	1530	14.4	102
	3000K	1725	14.4	115
	3500K	1815	14.4	121
	4000K	1890	14.4	126
	5000K	1770	14.4	118

Order code: LM40-S2835 W30 -W24 -IP65 -35°
CCT:W27/W30/W35/W40/W50



WALL WASHER PU-2012

- 1. Adopting TPU material, it' s resistant to yellowing, high temperature, corrosion, weak acid and alkali, and has great flexibility.
- 2. PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability.
- 3. 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.
- 4. Various beam angles are available for different applications.
- 5. 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)
LM56-FW2835Wx-1208	20x12	125(7leds)	24v	14.4	30°	>90	1260@3000k	Lumileds 2835	2200K/2700K/ 3000K/4000K/ 6500K
LM64-FW2835Wx-1208	20x12	125(8leds)	24v	14.4	30°	>90	1650@3000k	Lumileds 2835	2200K/2700K/ 3000K/4000K/ 6500K
LM56-FW2835R-1208	20x12	125(7leds)	24v	14.4	30°	>90	N/A	Lumileds 2835	R/G/B/Y
LM56-FW2835TW2765-1208	20x12	125(7leds)	24v	19.2	30°	/	1080@2700k 1188@6500k	2835	2700K+6500K
LM56-FW2835RGB-1208	20x12	125(7leds)	24v	14.4	38°	N/A	92@Red 359@Green 75@Blue	2835	RGB
LM56-FW2835-DMX512Wx-1208	20x12	125(7leds) 8pixel/m	24v	14.4	30°	>90	1260@3000k	Lumileds 2835	DMX512-W (UCS512H4L)
LM56-FW2835-DMX512RGB-1208	20x12	125(7leds) 8pixel/m	24v	14.4	38°	N/A	92@Red 359@Green 75@Blue	2835	DMX512-RGB (UCS512H4L)

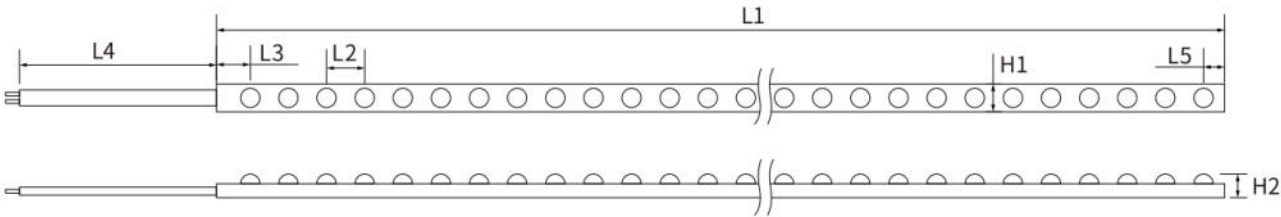
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

WALL WASHER PU-2010

2835 42LEDs



Dimensions



L1 (mm)	5020±10	L5 (mm)	14±1
L2 (mm)	17.8±1	H1(mm)	20±1
L3 (mm)	23.8±1	H2(mm)	12±1
L4 (mm)	300±5		

Basic Parameters

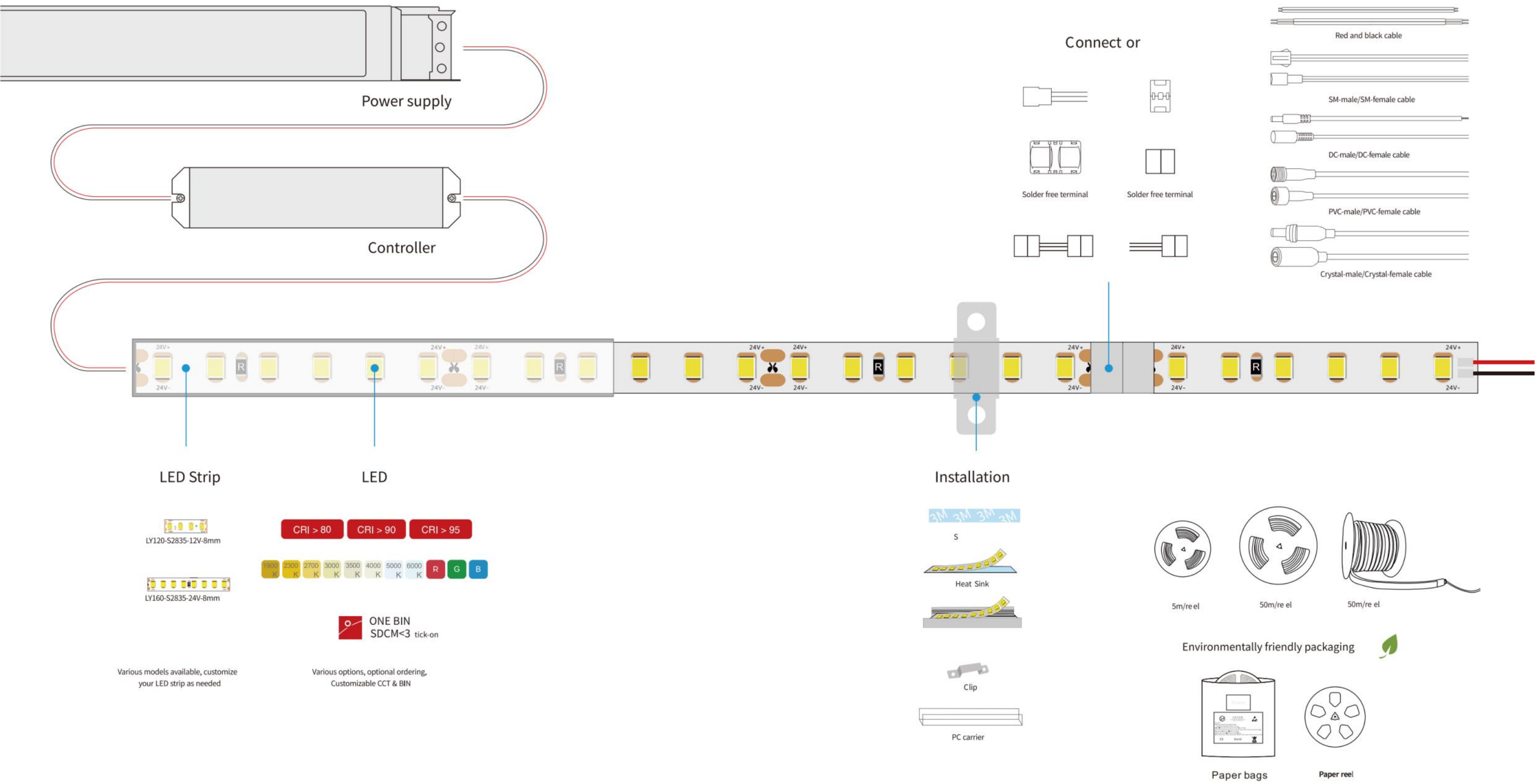
Voltage	24V
LEDs / M	56LEDs
Cutttable length(mm)	125 mm/7 LED
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C
Power(w/m)	14.4w
Max.run length	5m
Beam angle	30°

Parameters

CRI	CCT	lm/m	w/m	lm/w
>90	2200K	1036	14.4	72
	2700K	1190	14.4	85
	3000K	1260	14.4	90
	4000K	1468	14.4	102
	5000K	1368	14.4	95
	6500K	1267	14.4	88

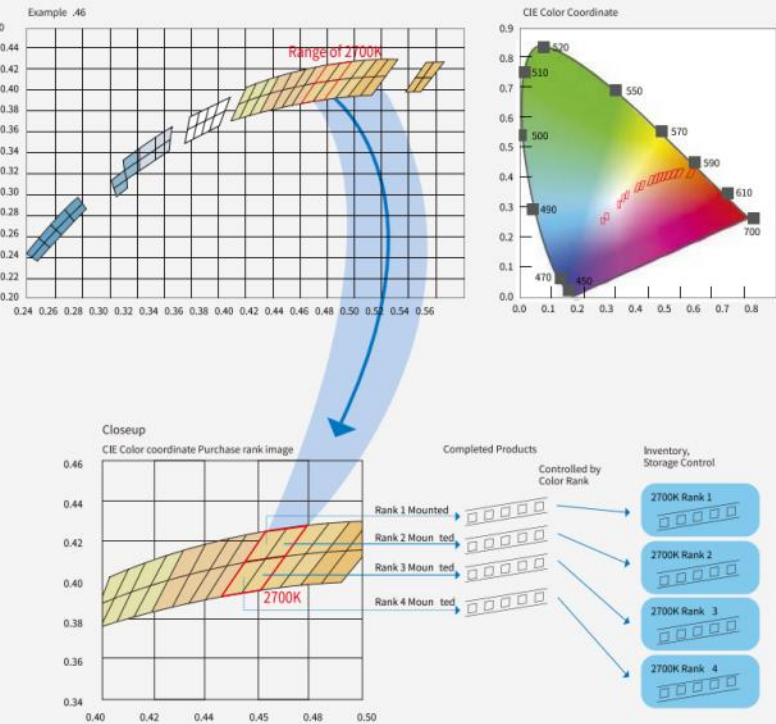
Order code: LM56-S2835 W30 -W24 -IP67 -30°
CCT:W22/W27/W30/W35/W40/W50/W65

LED STRIP SOLUTION



COLOR CONSISTENCY

Color temperature control



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.

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:

Step 1

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.

Step 2

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.

Step 3

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.

Step 4

Fourth, any defective products will be returned for analysis and repair.

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.



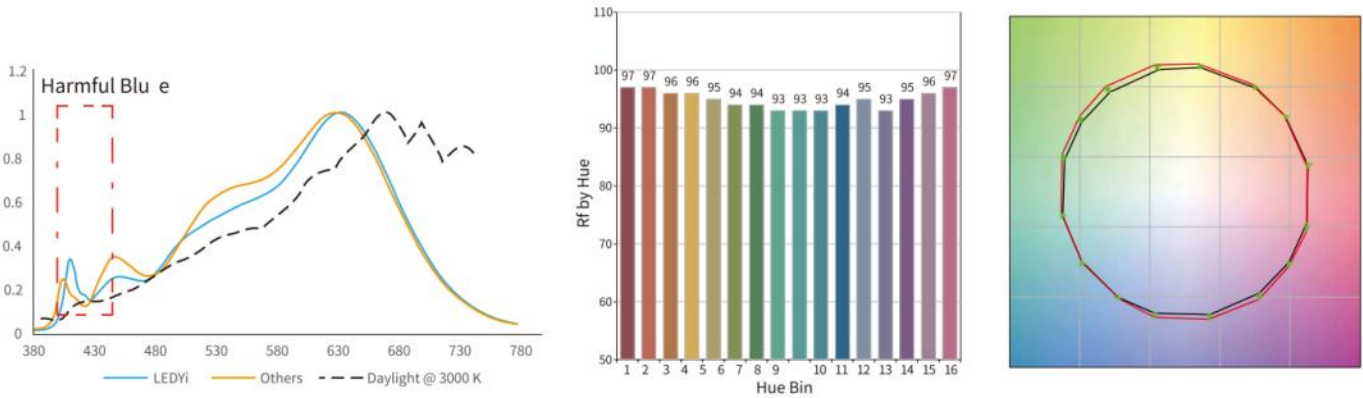
CRI>95



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.

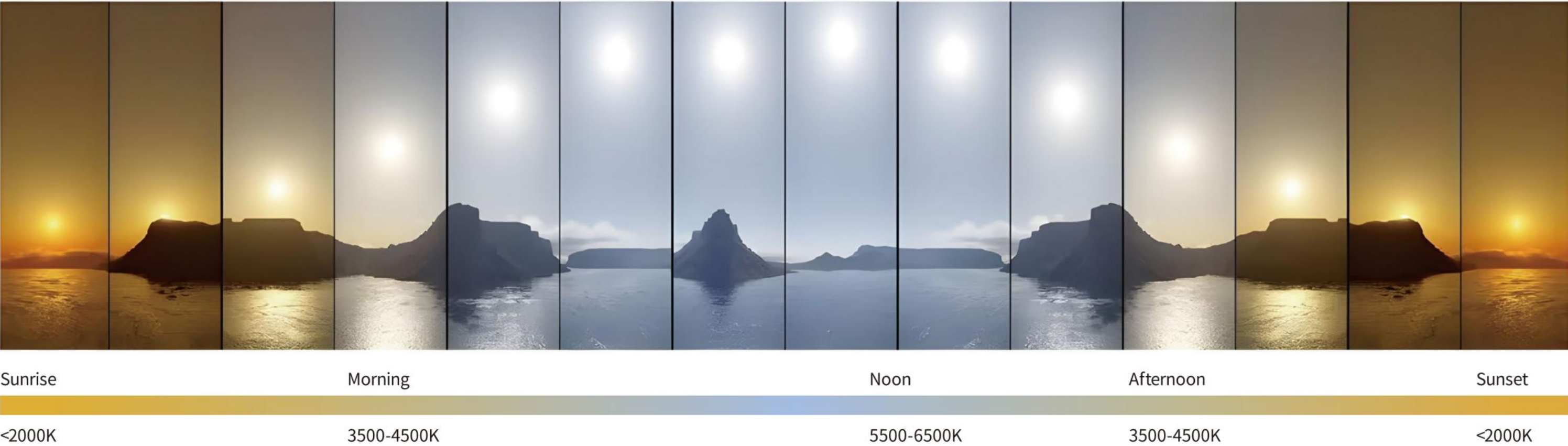


COLOR TEMPERATURE

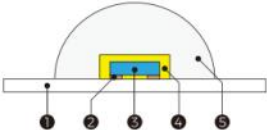
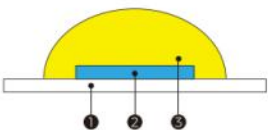
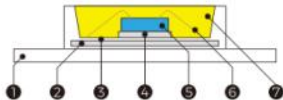
Various color temperatures allow you to select the ideal light source for different environments as needed.

HUMAN CENTER LIGHTING

HCL

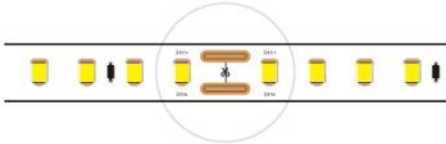
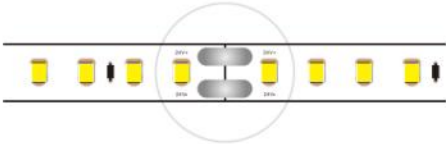


CSP VS COB VS SMD STRIP

Items	CSP	COB	SMD
Structure			
Structure	CSP LED 1 FPCB 2 Metal plate 3 Chip 4 Phosphor glue 5 Silicone	COB LED 1 FPCB 2 Chip 3 Phosphor glue	SMD LED 1 FPCB board 2 Frame 3 Electrode 4 Ag paste 5 Chip 6 Gold wire 7 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.

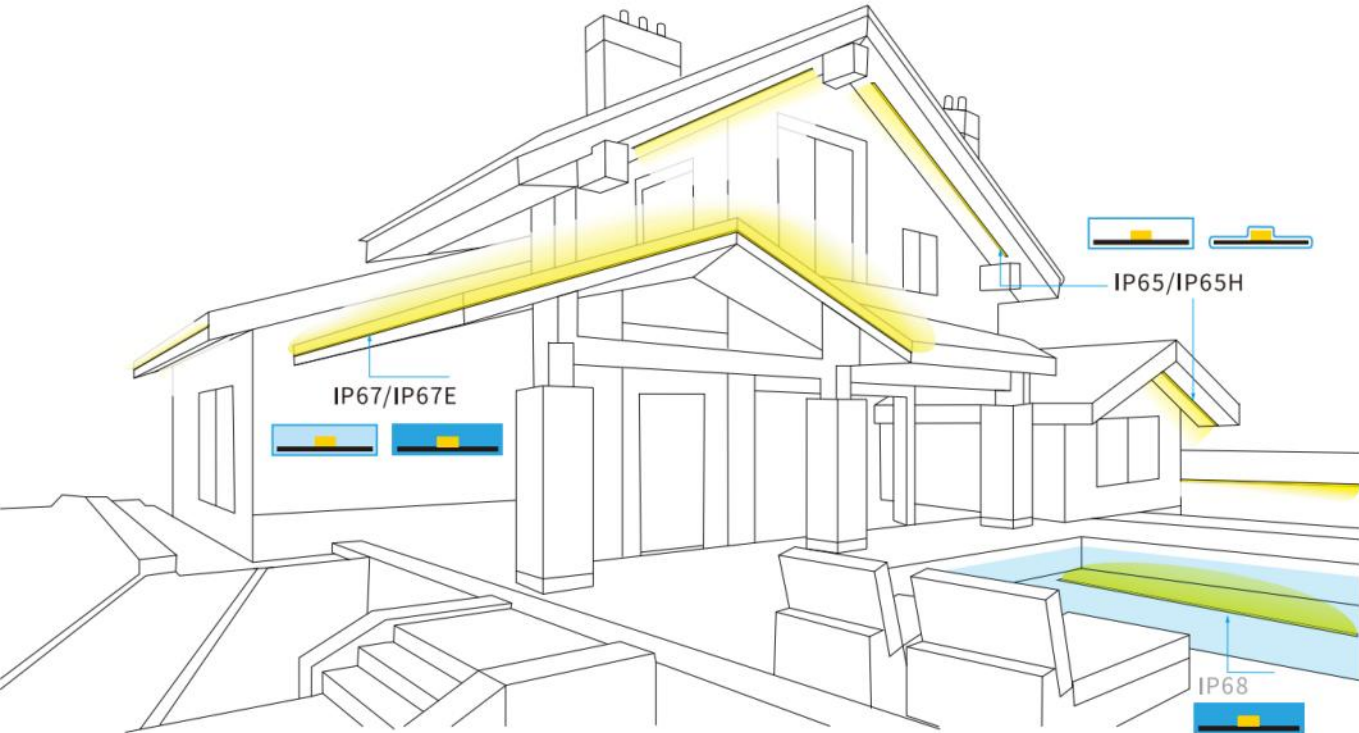
Items	R2R*	S2S*
Image		
Sodering Points	Few Per Reel	Every 0.5m
Risk Of Broken	Ultra Low	Low
Size Accuracy	★★★★	★★
Production Efficiency	★★★★	★
Cost Effective	★★★★	★

*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



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
IP68	PU Extrusion Led Strip	PU Extrusion	Under Water Within 2 Meters Deep.



CUSTOMIZATION (ODM&OEM)



BIN
Available to customize one specific BIN or various BIN



CABLE
Available to customize cable type or length within the technology supporting range



POWER
Available to customize power(wattage) within the technology supporting range



REEL & BAG
Available to customize reel and anti-static bag and Recycle Paper bags and Reels



CRI
Available to customize CRI range



CONNECTOR
Available to customize connector for all IP grade



PCB
Available to customize size and thickness, also could print with color LOGO on PCB



PACKING
Available to customize the special packaging



COLOR
Available to customize specific color or wavelength



LABEL
Available to customize label



LENGTH
Available to customize the length within the technology supporting range

ORDERING CODE



Simple steps, comprehensively open for personal product customization

Company Abbreviation	Code	1	PCB Color	Code	5	Wire Length	Code	9
LUMIWISE	LM		White	W		30CM	30	
			Black	B		50CM	50	
						100CM	100	
Number of LEDs	Code	2	Input Voltage	Code	6	Entry Cable	Code	10
60leds/m	60		12V	12		One end	S	
120leds/m	120		24V	24		Dual end	D	
LED Type	Code	3	CRI	Code	7	Strip Length	Code	11
SMD2835	S2835		CRI>80	CRI80		5m/reel	500	
			CRI>90	CRI90		10m/reel	1000	
						15m/reel	1500	
						50m/reel	5000	
CCT/Color	Code	4	IP Rating	Code	8			
2700K	W27		None waterproof	IP20				
3000K	W30		Silicone coating	IP52				
4000K	W40		Nano coating	IP65N				
Red	R		(Indoor or 45° shelter outdoor)					
Green	G		Heat shrink tube	IP65H				
Blue	B		Silicone tube	IP65				
Tunable White	TW		Silicone tube extrusion	IP65E				
RGB	RGB		Silicone filling	IP67				
RGBW	RGBW		Silicone extrusion	IP67E				
RGBTW	RGBTW		PU extrusion	IP67U				

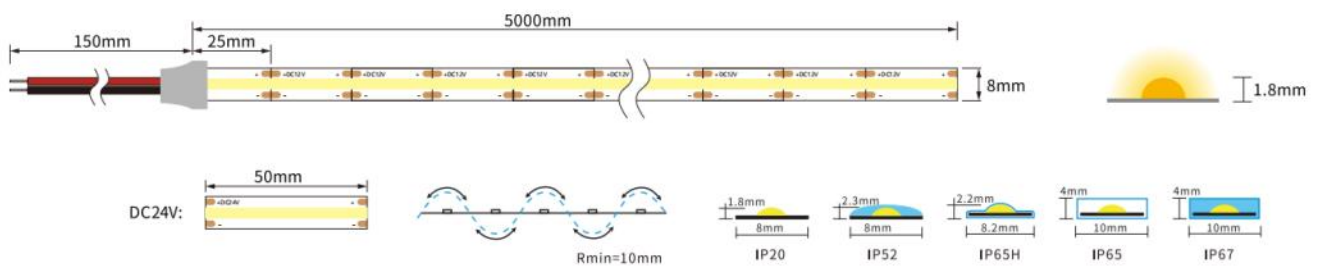
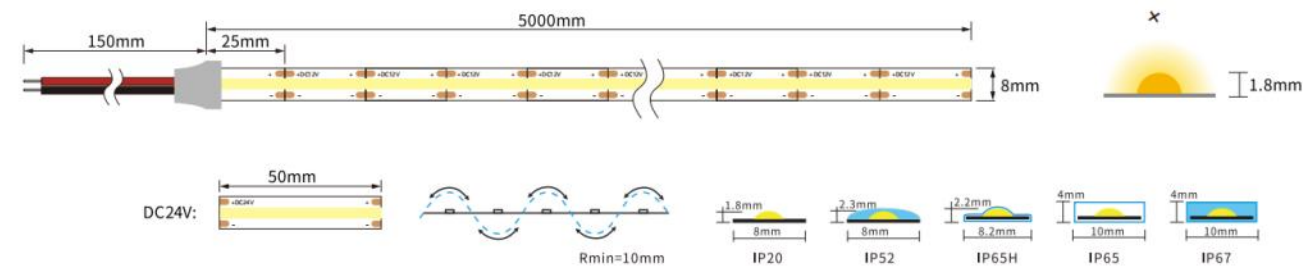
WIRE RECOGNITION

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 LED STRIP SERIES

COB means Chips on Board, which means that the chips are directly encapsulated on the flexible PCB board, and the COB LED strip is a strip of chips encapsulated on a flexible board.

- Uniform, no light spot
- More flexibility
- Wide beam angle, 180 degree
- No gold wire, more stable



Product Specification	
Power(W)	10W
Voltage(V)	DC12V/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
>90	2700K	880	10
	3000K	930	10
	4000K	1040	10
	6000K	1140	10

Ordercode: COB320 W30 -W24 -8mm -10W-IP20
CCT:W27/W30/W40/W60
Voltage:W12/W24
IP:IP20/IP52/IP65H/IP65/IP67

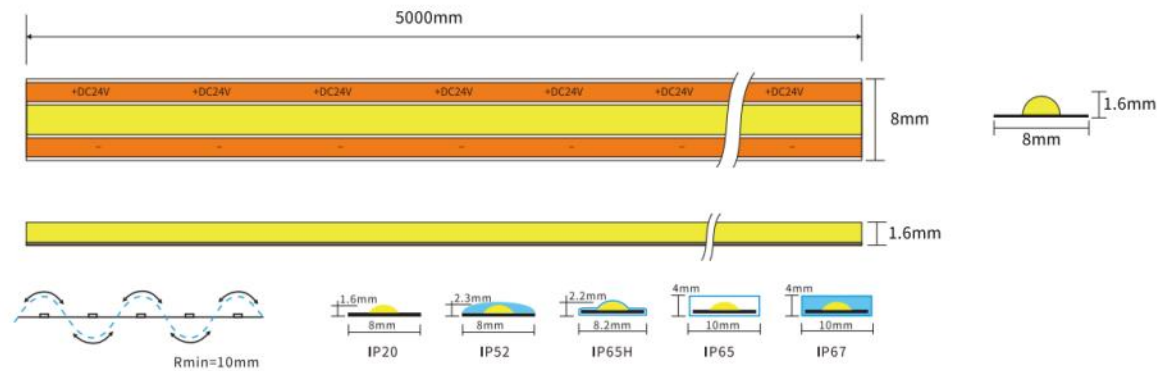
Product Specification	
Power(W)	10W
Voltage(V)	DC12V/DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

Product Photometrics (The data base on IP20 24V)			
CRI	CCT	lm/m	w/m
>90	2700K	880	10
	3000K	930	10
	4000K	1040	10
	6000K	1140	10

Ordercode: COB480 W30 -W24 -8mm -10W-IP20
CCT:W27/W30/W40/W60
Voltage:W12/W24
IP:IP20/IP52/IP65H/IP65/IP67



Dimensions&Waterproof



ProductSpecification

Power(W)	10W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-20°C~+45°C
Storage Temperature	-25°C~+60°C

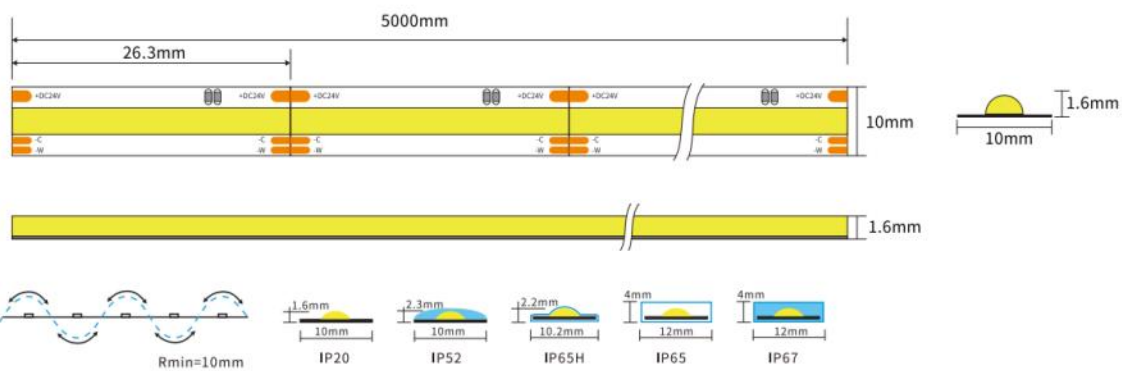
ProductPhotometrics (The data base on IP20 24V)

CRI	CCT	lm/m	lm/w
>90	2700K	450	45
	3000K	500	50
	4000K	550	55
	6000K	600	60

Order code: COB480 W30 -W24 -8mm -10W-FC -IP20
CCT:W27/W30/W40/W65
Voltage:W24
IP:IP20/IP52/IP65H/IP65/IP67



Dimensions&Waterproof



ProductSpecification

Power(W)	8W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-20°C~+45°C
Storage Temperature	-25°C~+60°C

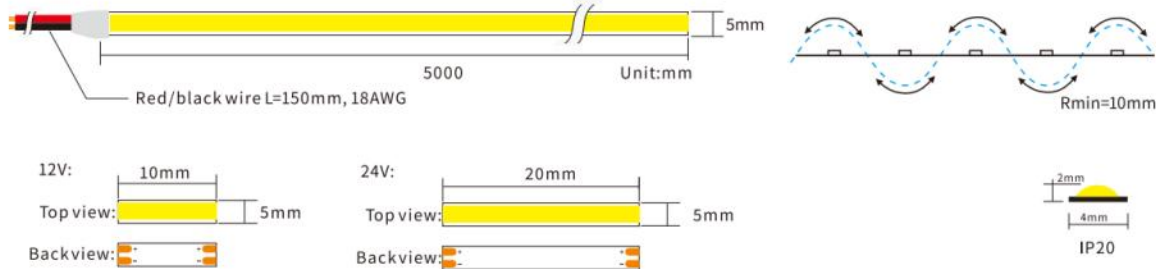
ProductPhotometrics (The data base on IP20 24V)

CRI	CCT	lm/m	lm/w
>90	2700K	640	80
	6500K	480	105
	4000K (mixed)	720	90

Order code: COB608- TW -W24 -IP20
IP:IP20/IP52/IP65H/IP65/IP67



Dimensions&Waterproof



ProductSpecification

Power(W)	10W
Voltage(V)	DC12V/DC24V
Max.run length(M)	5m
Ambient Temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

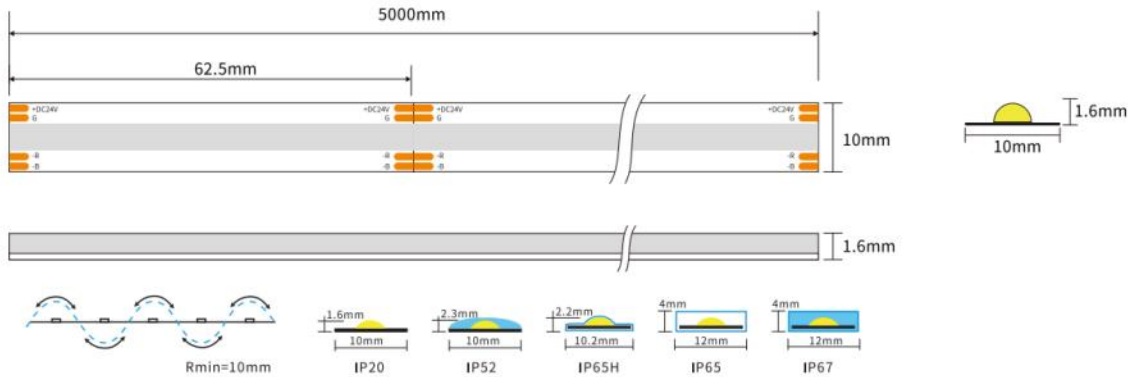
ProductPhotometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m
>90	2700K	880	10
	3000K	930	10
	4000K	1040	10
	6000K	1140	10

Ordercode: COB400 W30 -W24 -5mm -10W-IP20
CCT:W27/W30/W40/W60
Voltage:W12/W24
IP:IP20/IP52/IP65H/IP65/IP67



Dimensions&Waterproof



ProductSpecification

Power(W)	14W
Voltage(V)	DC24V
Max.run length(M)	5m
Ambient Temperature	-20°C~+45°C
Storage Temperature	-25°C~+60°C

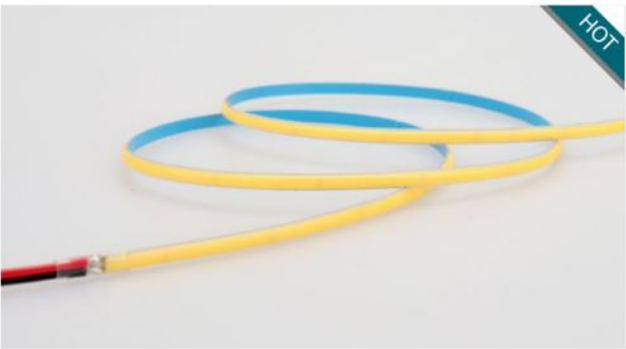
ProductPhotometrics (The data base on IP20 24V)

CRI	CCT	lm/m	w/m	lm/w
--	R	117	6.5	18
	G	270	3	90
	B	45	4.5	10
	RGB	420	14	30

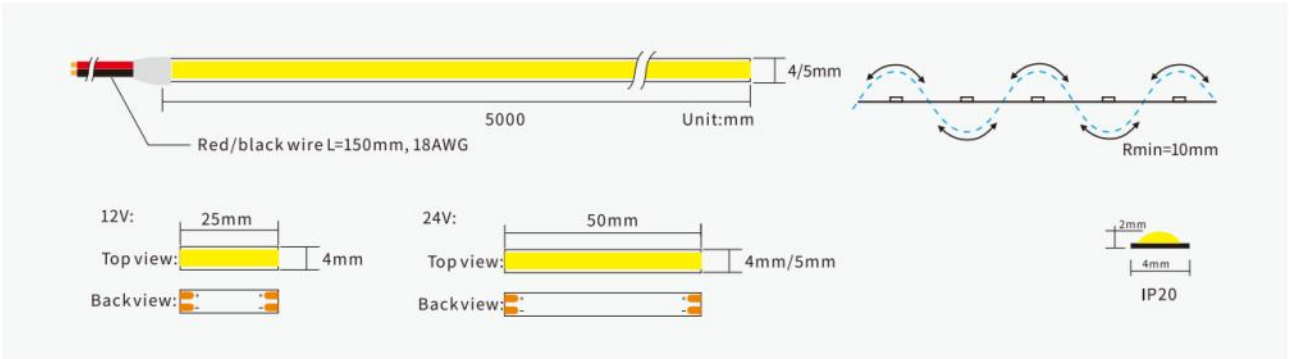
Order code: COB576 RGB -W24 -10mm-14W-IP20
Voltage:W24
IP:IP20/IP52/IP65H/IP65/IP67

COB STRIP 480Chips/m 4mm 12V/24V 5W 0.5m

- Light beam angle up to 180°
- Self-encapsulated design offers optional 2700-6000K
- Chips on broad strip
- Ultra narrow PCB 4mm width
- High quality PCB, high thermal 3M adhesive



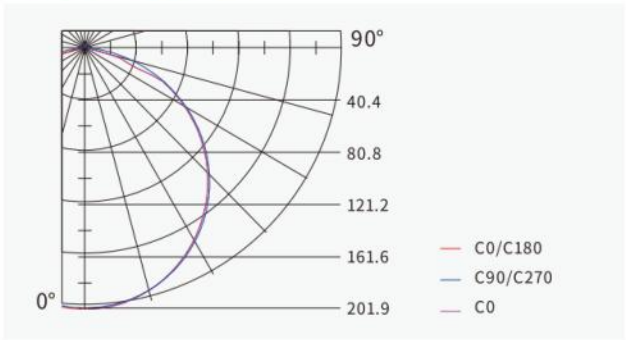
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx4mmx2mm
Chip density	480Chips/meter
Step LEDs	6pcs(12V)/12pcs(24V)
Step length	50mm(24V)/25mm(12V)
Power(W)	5W
Voltage(V)	DC24V/DC12V
Current(A/m)	0.21A(24V)/0.42A(12V)
Copperfoil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (The data base on IP20 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT (K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2700±100	480	96	90	>50	90	99
3000±100	519	103.8	90	>50	90	99
4000±200	575	115	90	>50	89	97
6500±300	560	112	90	>50	88	96
Red	50	10	/	/	/	/
Green	799	159.8	/	/	/	/
Blue	120	24	/	/	/	/

Note: Customized CCT can be realized according to specific requirements.

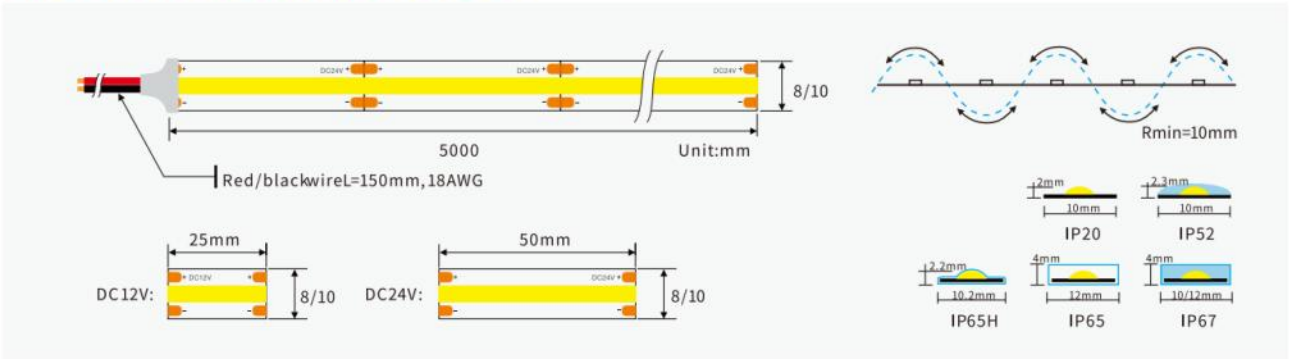
Ordercode: LM480-COBW30-W24-4MM-5W-IP20
CCT: W27/W30/W40/W60 Voltage: W12/W24

COB STRIP 480Chips/m 10mm 12V/24V 5W/10W/15W 0.5m

- Light beam angle up to 180°
- Self-encapsulated design offers optional 2700-6000K
- Chips on broad strip
- 10mm PCB width
- High quality PCB, high thermal 3M adhesive



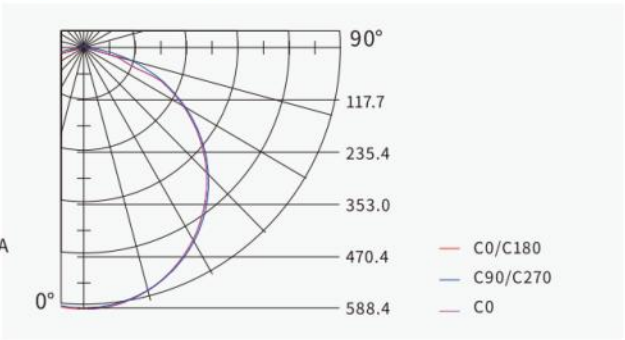
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	480Chips/meter
Step LEDs	24pcs(24V)/12pcs(12V)
Step length	50mm(24V)/25mm(12V)
Power(W)	5W/10W/15W
Voltage(V)	DC24V/DC12V
Current(A/m)	0.21A, 0.42A/0.42A, 0.84A/0.625A, 1.25A
Copperfoil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 10mm PCB 6500K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT(Color)(K)	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)		CRI	R9	Rf(Fidelity)	Rg(Gamut)
	Lumen(lm/m)	Efficacy(lm/w)	Lumen(lm/m)	Efficacy(lm/w)	Lumen(lm/m)	Efficacy(lm/w)				
2700±100	481.9	96.38	957.3	95.73	1418	94.53	90	>50	90	99
3000±100	519.1	103.82	1029.0	102.90	1527	101.80	90	>50	90	99
4000±200	575.0	115.00	1138.0	113.80	1690	112.67	90	>50	89	97
6500±300	560.7	112.40	1124.0	112.14	1672	111.46	90	>50	88	96
Red	50	10	97	9.7	141	9.4	/	/	/	/
Green	799	159.8	1581	158.1	2323	154.86	/	/	/	/
Blue	120	24	227	22.7	325	21.66	/	/	/	/

Note: Customized CCT can be realized according to specific requirements.

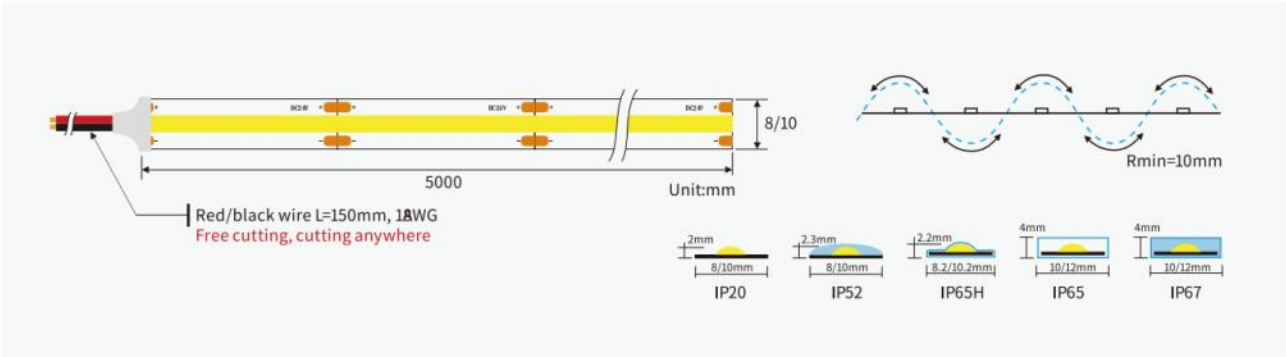
Ordercode: LM480-COBW30-W24-10mm-10W-IP20
CCT: W27/W30/W40/W60 Voltage: W12/W24 Power: 5W/10W/15W

COB STRIP FREE CUTTING 480Chips/m 8/10mm 24V 5W/10W/15W

- 12V or 24V, flexible COB LED strip free cutting, cut anywhere
- 5W, 10W or 15W for option, with 3M adhesive tape on the back for easy installed.
- Regular CCT: 2700K, 3000K, 4000K, 6500K, other customized CCT such as 2200K, 2400K, 3500K, 5000K are available and NO MOQ limited.
- 180° beam angle. Very good color reproduction with CRI>90.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000x8(10)x2mm	Voltage(V)	DC12V / DC24V
Chip Type	COB	Power(W/m)	5W / 10W / 15W
Chips/m	480pcs	PCB Width	8mm/10mm
Step LEDs	1pcs(12V) / 2pcs(24V)	Beam Angle	180°
Step Length	2.08mm(12V) / 4.17mm(24V)	Operation Temperature	-20°C~50°C

PRODUCT PHOTOMETRICS (The data base on IP20 24V)

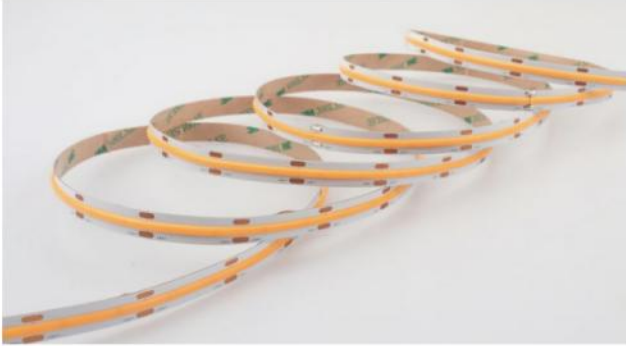
Part Number	CCT(K)	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
LM480-COBW27-W24-8MM	2700±100K	485.25	97.05	1015.10	101.51	1461.45	97.43
LM480-COBW30-W24-8MM	3000±150K	561.65	112.33	1075.50	107.55	1498.50	99.90
LM480-COBW40-W24-8MM	4000±250K	598.35	119.67	1114.70	111.47	1692.60	112.84
LM480-COBW65-W24-8MM	6500±500K	608.10	121.62	1211.30	121.13	1769.10	117.94

Note: Customized CCT can be realized according to specific requirements.

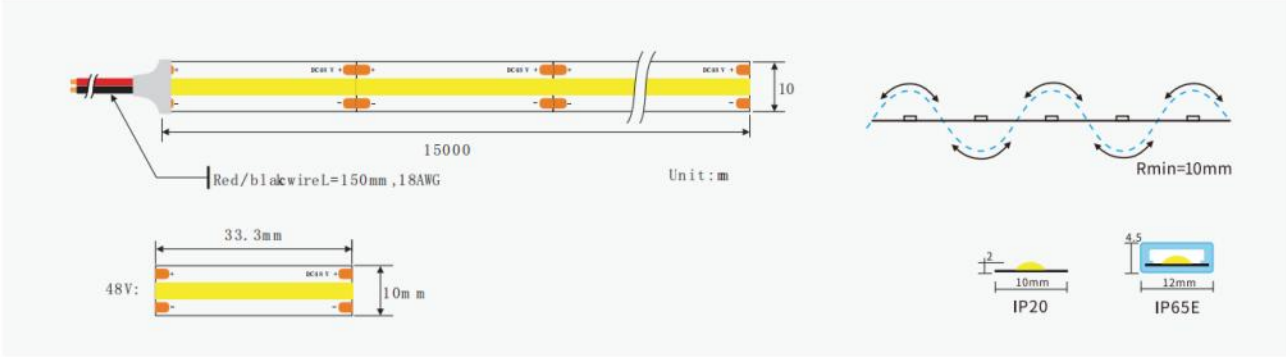
Order code: LM480-COBW30-W24-8mm-10W-FC-IP20 — IP20/IP52/IP65H/IP65/IP67
CCT: W27/W30/W40/W65 — 8mm/10mm — Power: 5W/10W/15W
Voltage: W12/W24

COB STRIP 48V SUPER LONG 480Chips/m 10mm 10m

- 48V, flexible COB LED strip, 10mm 3OZ PCB, Max long run 15 meters,
- with 3M adhesive tape on the back for easy installed.
- Regular CCT: 2700K, 3000K, 4000K, 6500K, other customized CCT such as 2200K, 2400K, 3500K, 5000K are available and NO MOQ limited. 180° beam angle. Very good color reproduction with CRI>90.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	15000x10x2mm	Voltage(V)	DC48V
Chip Type	COB	Power(W/m)	10W(1m)/122W(15m)
Chips/m	480pcs	PCB Width	10mm(3oz)
Step LEDs	16pcs	Beam Angle	180°
Step Length	33.3mm	Operation Temperature	-20°C~50°C
Max run length	15meters	CC / CV	Constant Voltage

PRODUCT PHOTOMETRICS (Data base on CRI>90)

CCT(K)	CRI	Lumen(lm/m)	Efficacy(lm/w)	R9	Rf(Fidelity)	Rg(Gamut)
2700K±100	91	830.60	83.06	47	91	98
3000K±150	91	928.90	92.89	49	91	99
4000K±250	93	1049.00	104.90	62	90	97
6500K±500	92	953.70	95.37	63	91	98

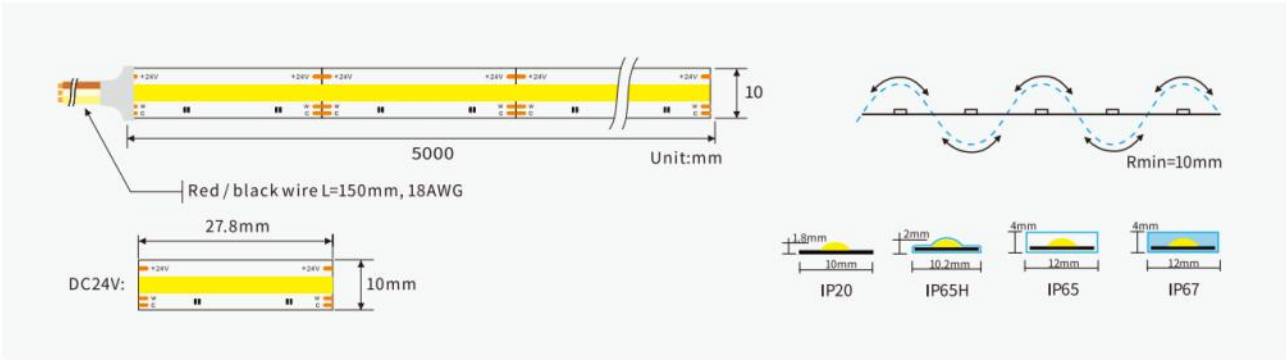
Order code: LM480-COBW27-W48-CV-IP20 — IP20/IP65
CCT: W27/W30/W40/W65

COB STRIP TW 576Chips/m 10mm 24V 10W/15W

- 24V, flexible LED strip (16chips=27.8mm) with 3M adhesive
- Tape on the back for easy installed. 1605lm/m at 15W/m. 180° beam angle.
- Very good color reproduction with CRI>90. "One Bin Only" guarantees constant
- Color temperature and high light quality at a lifetime of 54,000 hours (L70).
- Double-layerFPC(2Oz)forgoodheatdissipation.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.8mm	Voltage(V)	DC24V
Chip Type	COBTW	Power(W/m)	10W/15W
Chip Density	576pcb	Current(A/m)	0.42A/0.625A
Step LEDs	16LEDs	Beam Angle	180°
Step length	27.8mm	Operation Temperatyre	-20°C~50°C

PRODUCT PHOTOMETRICS (The data base on IP20 24V)

PartNumber	CCT(K)	Lowpower(10w/m)		Highpower(15w/m)	
		(lm/m)	(maxlength)	(lm/m)	(maxlength)
COBTW	2700 only	519	5m	750	5m
COBTW	6500 only	614	5m	881	5m
COBTW	2700+6500 both	1120	5m	1605	5m

Note:Customized CCT can be realized according to specific requirements.

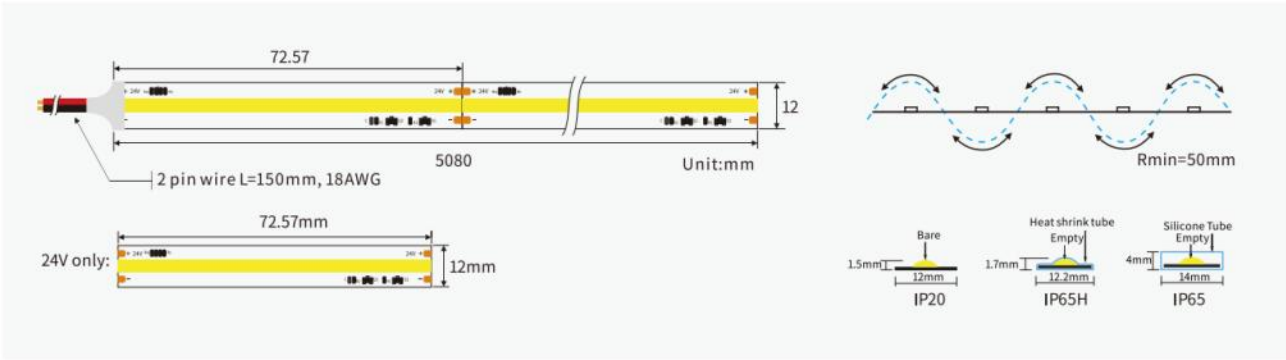
Order code: LM576-COBTW-W24-10mm-10W-IP20 — IP20/IP65H/IP65/IP67

COB STRIP DIM TO WARM 588Chips/m 12mm 24V 15W

- COBLEDtechnology
- 588 PCS of COB Chips
- High CRI +90
- Dim from Warm White 3000K to Warm White 1800K
- Dim by Triac, 0/1-10V, DALI, PWM constant voltage dimmable driver



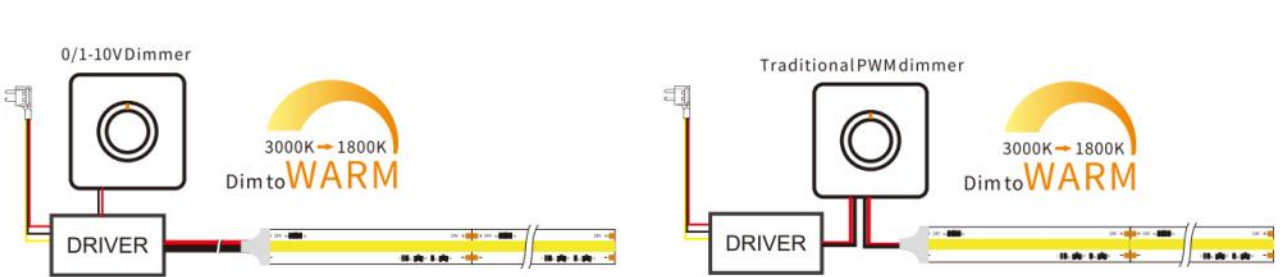
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5080x12x1.5mm	Voltage(V)	DC24V
Chip Type	COB	Power(W/m)	15W(FullBrightness)
Chip Density	588Chips/m	Lumen(lm/m)	1005lm(FullBrightness)
Step LEDs	42Chips	Beam Angle	120°
Step Length	72.57mm	Operation Temperature	-20°C~50°C

WIRING DIAGRAM



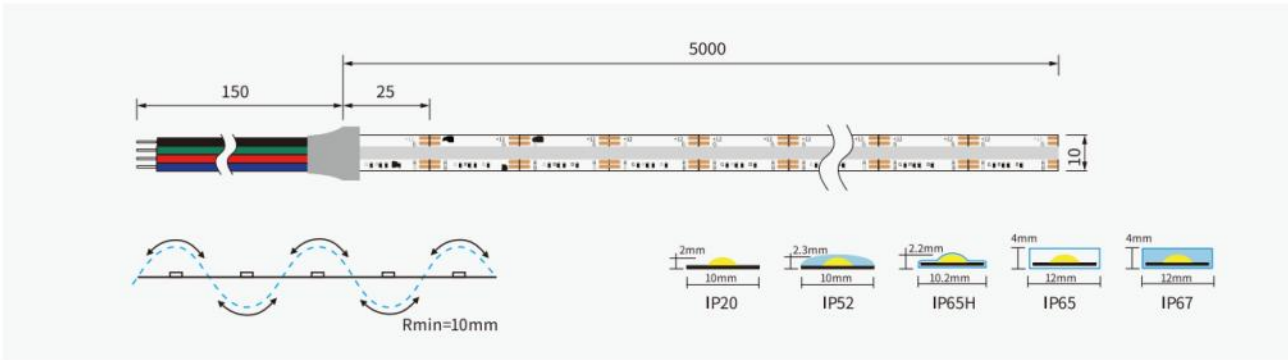
Order code: LM588-COBDTW-W24-IP20 — IP20/IP65H/IP65

COB STRIP RGB 720Chips/m 10mm 12V 15W

- 24V, RGB flexible COB strip (Step length: 24V=50mm),
- with 3M adhesive tape on the back for easy installed.
- RGB color, 180° beam angle.



DIMENSIONS&WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000x10x2mm	Voltage(V)	DC12V
Chip Type	COB	Power(W/m)	15W
Chips/m	720pcs	CRI	/
StepLEDs	18pcs	BeamAngle	180°
StepLength	25mm	Operation Temperature	-20°C~50°C

PRODUCT PHOTOMETRICS (Data base on IP20)

Color(nm)	Wavelength(NM)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	Unitcut(M/M)	Max.runlengtht(M)
R	620-630	7.6	144.4	19	25	5
G	520-530	3.3	303.6	92	25	5
B	450-460	4.4	48.4	11	25	5
RGB	/	15	495	33	25	5

Note:Customized CCT can be realized according to specific requirements.

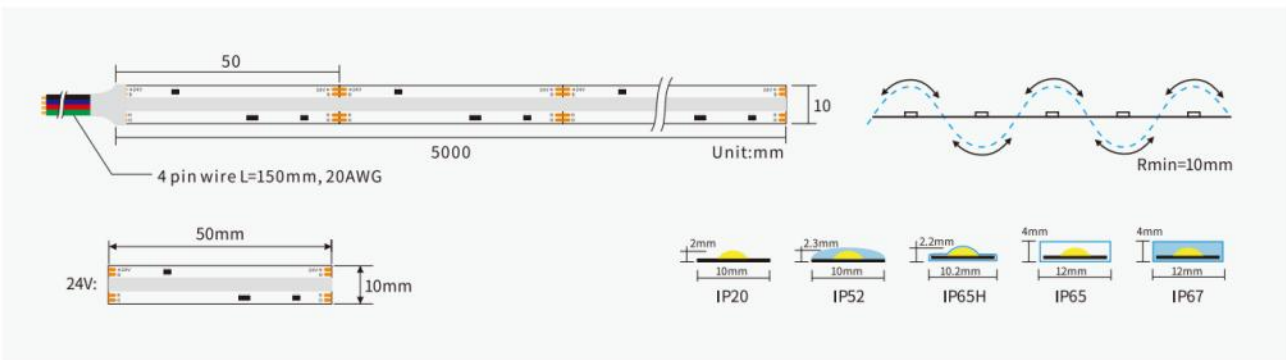
Ordercode: LM720-COBRGB-W12-IP20 — IP20/IP52/IP67H/IP65/IP67

COB STRIP RGB 840Chips/m 10mm 24V 15W

- Light beam angle up to 180°
- Self-encapsulated design offers RGB color
- Chips on broad strip
- Ultra narrow PCB 4mm width
- High quality PCB, high thermal 3M adhesive



DIMENSIONS&WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm	Voltage(V)	DC24V
Chip QTY.	840Chips/meter	Current(A/m)	0.625A
StepChips	42pcs	Copperfoil	2oz
Steplength	50mm	Ambienttemperature	-20°C~+50°C
Power(W/m)	15W		

PRODUCT PHOTOMETRICS (The data base on IP20 24V)

Color(nm)	Wavelength(nm)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620-630	4.83	139.93	28.97
Green	520-530	5.23	449.73	85.99
Blue	465-475	4.94	83.88	16.98
RGB	NA	15	645.75	43.05

Note:Customized CCT can be realized according to specific requirements.

Ordercode: LM840-COBRGB-W24-15W-IP20 — IP20/IP52/IP67H/IP65/IP67

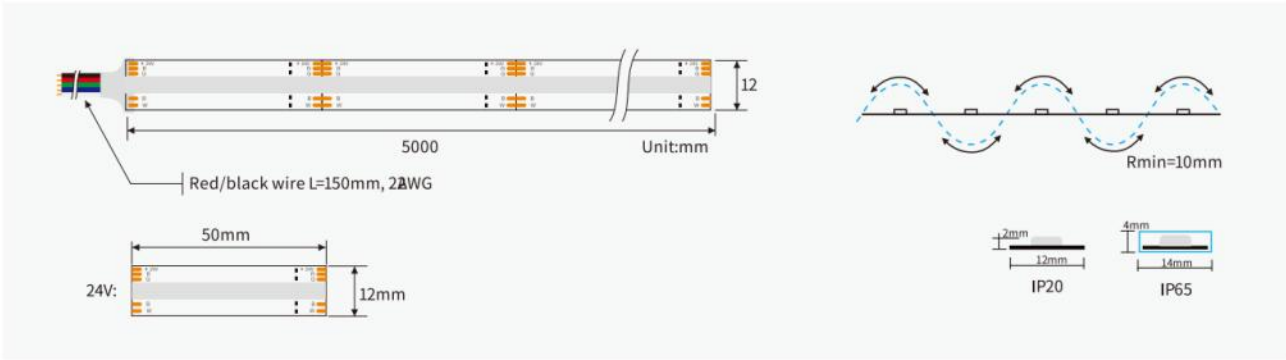
COB STRIP RGBW

560Chips/m 10mm 24V 16W

- 24V, flexible LED strip (16chips=26.31mm) with 3M adhesive
- tape on the back for easy installed. 2009.8lm/m at 20W/m. 180° beam angle.
- Very good color reproduction with CRI>90. "One Bin Only" guarantees constant
- color temperature and high light quality at a lifetime of 54,000 hours (L70).
- Double-layerFPC(20z)forgoodheatdissipation.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm	Voltage(V)	DC24V
Chip QTY.	560Chips/meter	Current(A/m)	0.67A(24V)
Step Chips	28pcs(24V)	Copperfoil	2oz
Step length	50mm(24V)	Ambient temperature	-20°C~+50°C
Power(W/m)	16W		

PRODUCT PHOTOMETRICS

(The data base on IP20 24V)

Color(nm)	Wavelength(nm)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620-630	4.07	137.20	33.71
Green	520-530	3.85	266.40	69.17
Blue	465-475	3.91	77.11	19.70
W	6500K	3.71	253.5	68.22
RGB	NA	15.65	711.80	45.48

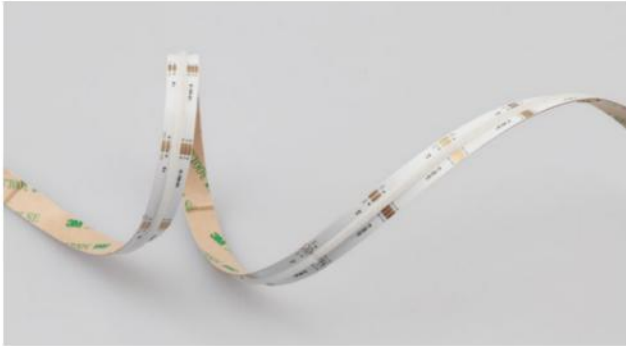
Note:Customized CCT can be realized according to specific requirements.

Order code: LM560-COBRGBW-W24-12mm-16W-IP20 — IP20/IP65

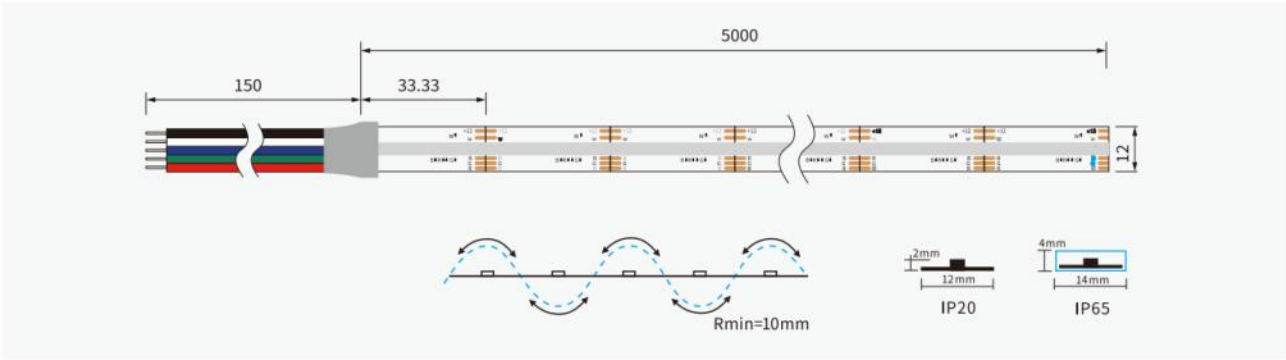
COB STRIP RGBW

720Chips/m 12mm12V 15W

- 12V, RGBW flexible COB strip(Step length=33.33mm)
- with 3M adhesive tape on the back for easy installed.
- RGBW color, 180° beam angle.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000x12x2mm	Voltage(V)	DC12V
Chip Type	COB	Power(W/m)	15W
Chips/m	720pcs	CRI	>90
Step LEDs	24pcs	Beam Angle	180°
Step Length	33.33mm	Operation Temperature	-20°C~50°C

PRODUCT PHOTOMETRICS

(Data base on IP20 CRI>90)

Color(nm)	Wavelength(NM)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	Unitcut(M/M)	Max.runlengtht(M)
R	620-630	6.3	126	20	33.3	5
G	520-530	2.5	230	92	33.3	5
B	450-460	2.5	60	12	33.3	5
W(2700K)	/	4.2	260.4	62	33.3	5
W(3000K)	/	4.2	268.8	64	33.3	5
W(4000K)	/	4.2	319.2	76	33.3	5
W(6500K)	/	4.2	268.8	64	33.3	5

Note:Customized CCT can be realized according to specific requirements.

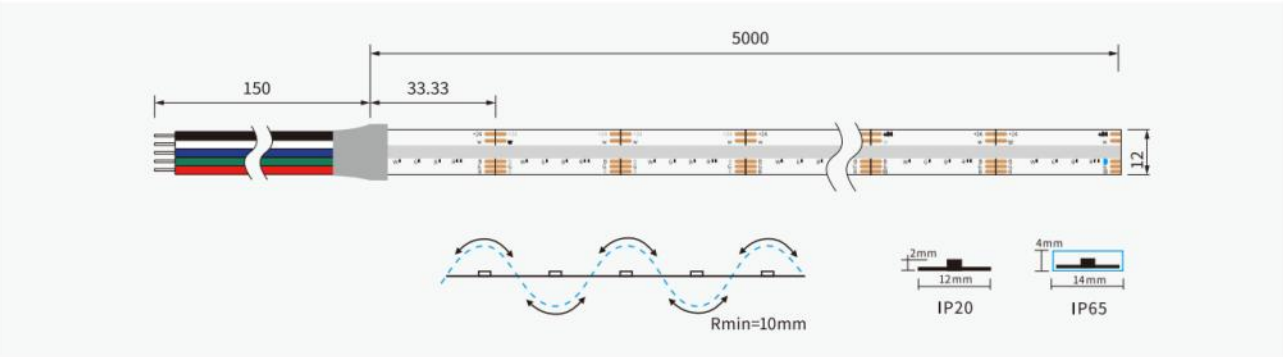
Order code: LM720-COBRGBW-W12-IP20 — IP20/IP65

COB STRIP RGBW 840Chips/m 12mm 24V 16W

- 24V, RGBW flexible COB strip(Step length=33.33mm)
- with 3M adhesive tape on the back for easy installed.
- RGBW color, 180° beam angle.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000x12x2mm	Voltage(V)	DC24V
Chip Type	COB	Power(W/m)	16W
Chips/m	840pcs	CRI	>90
Step LEDs	28pcs	Beam Angle	180°
Step Length	33.33mm	Operation Temperature	-20°C~50°C

PRODUCT PHOTOMETRICS (Data base on IP20 CRI>90)

Color(nm)	Wavelength(NM)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	Unitcut(M/M)	Max.runlengtht(M)
R	620-630	6.4	153.6	24	33.3	5
G	520-530	2.6	278.2	107	33.3	5
B	450-460	3.0	42	14	33.3	5
W(2700K)	/	4.2	319.2	76	33.3	5
W(3000K)	/	4.2	331.8	79	33.3	5
W(4000K)	/	4.2	394.8	94	33.3	5
W(6500K)	/	4.2	331.8	79	33.3	5

Note:Customized CCT can be realized according to specific requirements.

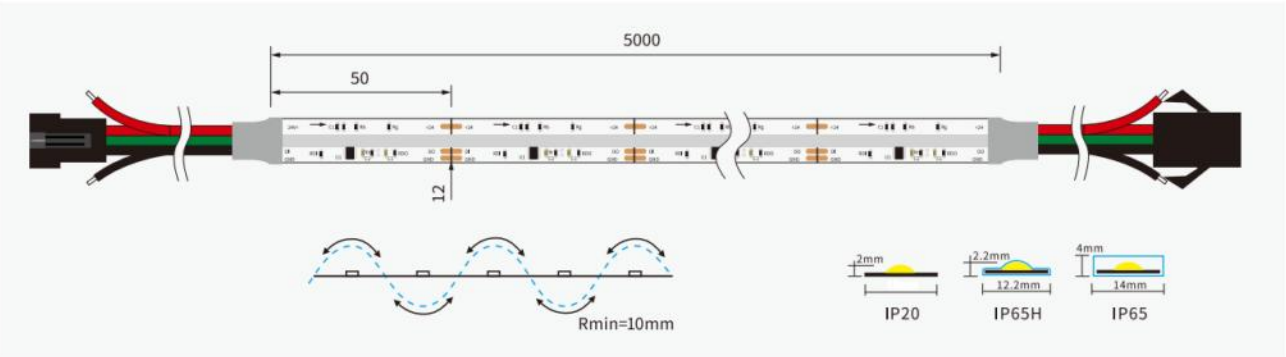
Order code: LM840-COBRGBW-W24-IP20 — IP20/IP65

COB STRIP SPI RGB 840Chips/m 12mm 24V 22W

- COB SPI RGB, WS2811, 840chips/m, 20pixels/m
- Cutting length 50mm
- The antistatic grade (MIL - STD - 883 - e) : HBM level 2 (2000 ~ 4000 v).
- 180° beam angle



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	SPI RGB	Voltage(V)	DC24V
Chip Type	WS2811	Power(W/m)	22W
Chips/m	840pcs	CRI	12mm
Step LEDs	42pcs	Beam Angle	180°
Step Length	50mm	Operation Temperature	-20°C~50°C

PRODUCT PHOTOMETRICS (Data base on IP20 CRI>90)

Color(nm)	Wavelength(NM)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	Unitcut(M/M)	Max.runlengtht(M)
R	620-630	8.4	159.6	19	50	5
G	520-530	8.4	630	75	50	5
B	450-460	8.4	92.4	11	50	5
RGB	/	22	81.4	37	50	5

The constant current LED strip is PWM-dimmable. Ensure the dimmer's voltage is in line with the LED strip's rated voltage and its output frequency is under 2KHz.

Order code: LM840-COBRGB-W24-WS2811-IP20 — IP20/IP65/IP65H

SINGLE COLOR SERIES

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

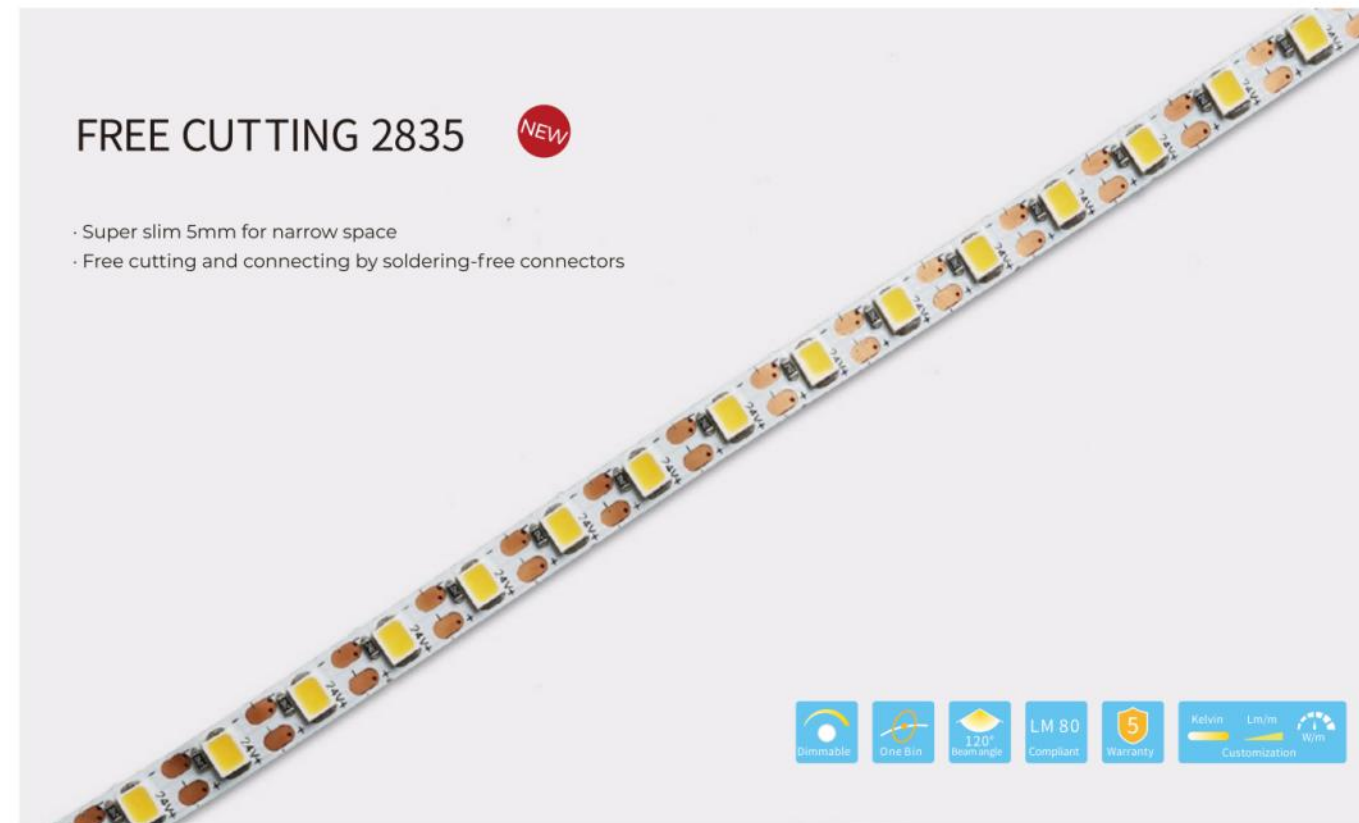
FREE CUTTING NEW

- 1 LED Per Cut
- CRI90 and 140lm/W
- Soldering-free connectors

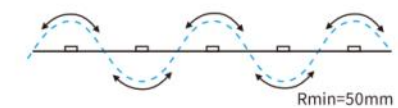
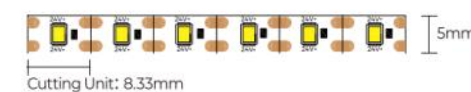


FREE CUTTING 2835 NEW

- Super slim 5mm for narrow space
- Free cutting and connecting by soldering-free connectors



Dimensions & Waterproof



Product Specification

Size	5000×5×1.5mm
Cutting Unit	1LEDs/8.33mm
Input Voltage	24VDC
Input Current	0.4A/m
Typ.power	9.6W/m
Max.Power	10.6W/m
Bending Diameter	>60mm
Copper foil	3oz

Order code: LM120- F C2835 -05 - W30 - W24 - IP20
CCT:W21/W24/W27/W30/W40/W60
Voltage:W5/W12/W24
IP: IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

Product Photometrics (The data base on IP20 24V CRI >90)

CRI	CCT	LM/m	LM/W	Energy efficiency Class
>90	2300 K	1000	104	F
	2700 K	1100	116	F
	3000 K	1200	126	E
	3500 K	1200	126	E
	4000 K	1300	135	E
	6000 K	1250	130	E

Soldering-free Connector

Picture	Model	Remark
	CXB205-DFTA	2PIN,wire to board(without wire),suitable for 5mm single color IP20 strips
	CBB205-DFTA	2PIN,board to board,suitable for 5mm single color IP20 strips
	CBBL205-DFTA	2PIN,board to board(L shape),suitable for 5mm single color IP20 strips

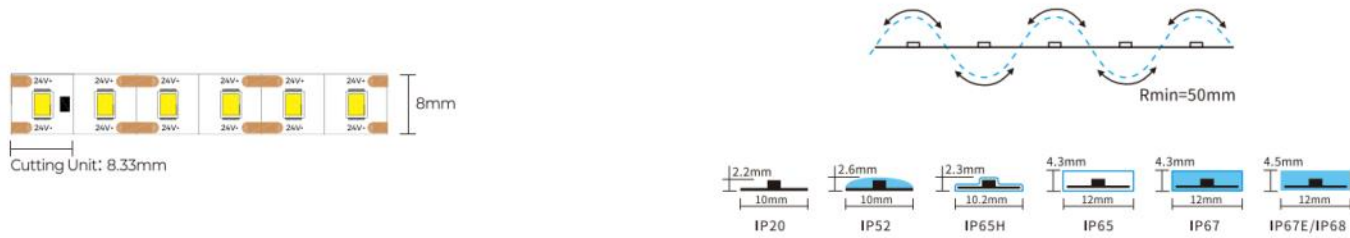
FREE CUTTING 2835

NEW

- Free cutting and connecting by soldering-free connectors
- CRI90 and 140lm/W



Dimensions & Waterproof



Product Specification

Size	5000×8×1.5mm
Cutting Unit	1LEDs/8.33mm
Input Voltage	24VDC
Input Current	0.4A/m 0.2A/m
Typ.power	9.6W/m 4.8W/m
Max.Power	10.6W/m 5.3W/m
Bending Diameter	>60mm
Copper foil	3oz

Order code: L M120- F C2835 -08 -W30 -W24 -IP20
CCT:W21/W24/W27/W30/W40/W60
Voltage:W5/W12/W24
IP: IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

Product Photometrics

(The data base on IP20 24V CRI >90)

CRI	CCT	LM/m	LM/W	Energy efficiency Class
>90(4.8W)	2300 K	530	110	F
	2700 K	570	120	F
	3000 K	620	130	E
	3500 K	650	135	E
	4000 K	670	140	E
>90(9.6W)	6000 K	640	134	E
	2300 K	1000	105	F
	2700 K	1100	117	F
	3000 K	1220	127	E
	3500 K	1240	129	E
	4000 K	1300	136	E
	6000 K	1260	131	E

Soldering-free Connector

Picture	Model	Remark
	CXBL208-DFTA	2PIN,wire to board(without wire),suitable for 8mm single color IP20 strips
	CBB208-DFTA	2PIN,board to board,suitable for 8mm single color IP20 strips
	CBBL208-DFTA	2PIN,board to board(L shape),suitable for 8mm single color IP20 strips

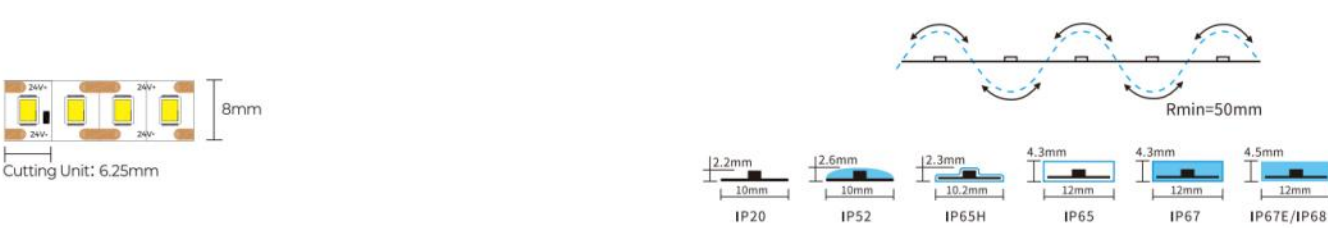
FREE CUTTING 2835

NEW

- Super slim 5mm for narrow space
- Free cutting and connecting by soldering-free connectors



Dimensions & Waterproof



Product Specification

Size	5000×8×1.5mm
Cutting Unit	1LEDs/6.25mm
Input Voltage	24VDC
Input Current	0.6A/m 0.4A/m
Typ.power	14.4W/m 9.6W/m
Max.Power	15.9W/m 10.6W/m
Bending Diameter	>60mm
Copper foil	3oz

Order code: L M160 - FC 2835 W30 -W24 -IP20
CCT:W21/W24/W27/W30/W40/W60
Voltage:W5/W12/W24
IP: IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

Product Photometrics

(The data base on IP20 24V CRI >90)

CRI	CCT	LM/m	LM/W	Energy efficiency Class
>90(9.6W)	2300 K	1000	105	F
	2700 K	1100	117	F
	3000 K	1220	127	E
	3500 K	1250	130	E
	4000 K	1300	136	E
>90(14.4W)	6000 K	1260	131	E
	2300 K	1510	105	F
	2700 K	1660	115	F
	3000 K	1800	125	E
	3500 K	1870	130	E
	4000 K	1930	134	E
	6000 K	1860	129	E

Soldering-free Connector

Picture	Model	Remark
	CXBL205-DFTA	2PIN,wire to board(without wire),suitable for 5mm single color IP20 strips
	CBB205-DFTA	2PIN,board to board,suitable for 5mm single color IP20 strips
	CBBL205-DFTA	2PIN,board to board(L shape),suitable for 5mm single color IP20 strips

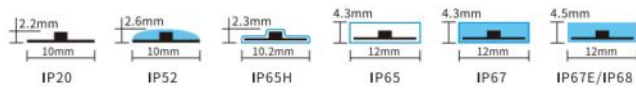
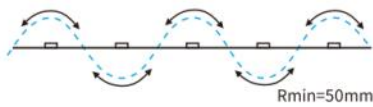
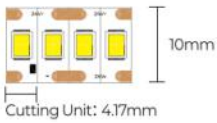
FREE CUTTING 2835

NEW

- Free cutting and connecting by soldering-free connectors
- CRI90 and 140lm/W



Dimensions & Waterproof



Product Specification

Size	5000*10*1.5mm
Cutting Unit	1LED/4.17mm
Input Voltage	24VDC
Input Current	0.92A/m
Typ.power	22W/m
Max.Power	24.2W/m
Bending Diameter	>60mm
Copper foil	3oz

Product Photometrics

(The data base on IP20 24V CRI >90)

CRI	CCT	LM/m	LM/W	Energy efficiency Class
>90	2300 K	2220	100	F
	2700 K	2490	113	F
	3000 K	2700	123	E
	3500 K	2750	125	E
	4000 K	2900	132	E
	6000 K	2800	127	E

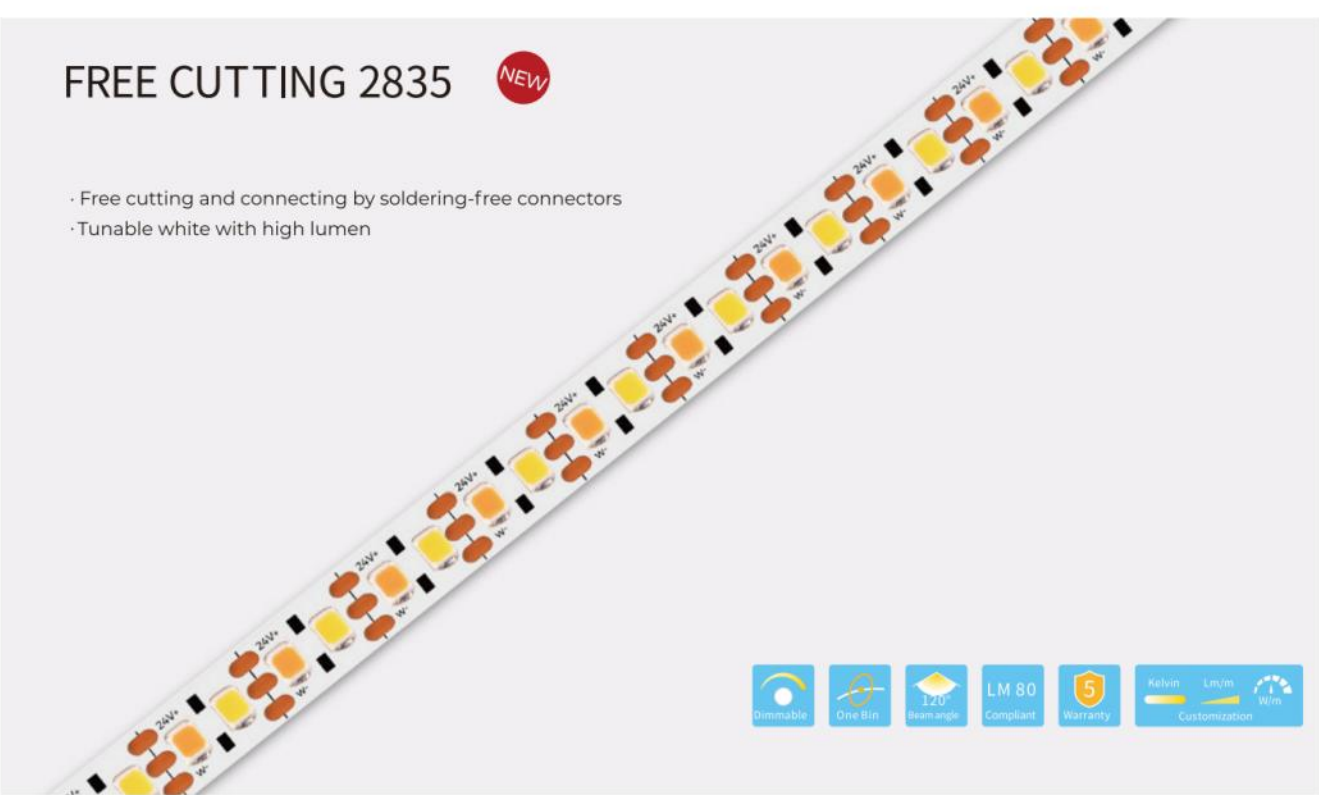
Soldering-free Connector

Picture	Model	Remark
	CXBL208-DFTA	2PIN,wire to board(without wire),suitable for 8mm single color IP20 strips
	CBB208-DFTA	2PIN,board to board,suitable for 8mm single color IP20 strips
	CBL208-DFTA	2PIN,board to board(L shape),suitable for 8mm single color IP20 strips

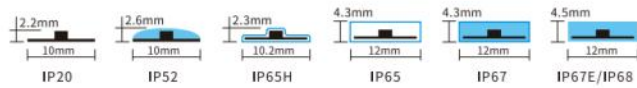
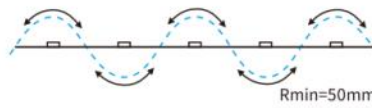
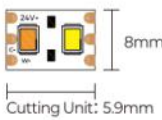
FREE CUTTING 2835

NEW

- Free cutting and connecting by soldering-free connectors
- Tunable white with high lumen



Dimensions & Waterproof



Product Specification

Size	5000*8*1.5mm
Cutting Unit	2LED/5.9mm
Input Voltage	24VDC
Input Current	0.92A/m
Typ.power	18W/m
Max.Power	19.8W/m
Bending Diameter	>60mm
Copper foil	3oz

Product Photometrics

(The data base on IP20 24V CRI >90)

CRI	CCT	LM/m	LM/W	Energy efficiency Class
>90	2700 K	2100	116	F
	2300 K	2100	116	F
	6000 K			

Order code: LM-168-FC 2835 TW -W24 -IP20

CCT:W21/W24/W27/W30/W40/W60

Voltage:W5/W12/W24

IP: IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

Soldering-free Connector

Picture	Model	Remark
	CXBL208-DFTA	2PIN,wire to board(without wire),suitable for 8mm single color IP20 strips
	CBB208-DFTA	2PIN,board to board,suitable for 8mm single color IP20 strips
	CBL208-DFTA	2PIN,board to board(L shape),suitable for 8mm single color IP20 strips



CLASSICAL

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	PCBWidth (mm)	CuttingLength (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (lm/w) @3000K	IP rate
LM30-S2835W30-Wx	30	8	100mm@12v 166.67mm@24v	12v/24v	6	>90	531	88.5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S2835W30-Wx	60	5	16.67mm@5v	5v	8	>90	600	75	IP20/IP65/IP65H
LM60-S2835W30-Wx	60	5	50mm@12v 100mm@24v	12v/24v	10	>90	890	89	IP20/IP65/IP65H
LM60-S2835W30-Wx	60	8	50mm@12v 100mm@24v	12v/24v	12	>90	1060	88.5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S2835W30-Wx	60	10	50mm@12v 100mm@24v	12v/24v	12	>90	1060	88.5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM70-S2835W30-Wx	70	10	100mm@24v	24v	12	>90	1230	102.5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM84-S2835W30-Wx	84	8	35.72mm@12v	12v	16.8	>90	1478	87.9	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM84-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
LM98-S2835W30-Wx	98	8	71.43mm@24v	24v	16.8	>90	1724	102.5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S2835W30-Wx	120	5	25mm@12v 50mm@24v	12v/24v	14.4	>90	1320	91	IP20/IP65/IP65H

PRODUCT PARAMETER

Model	LEDs/m	PCBWidth (mm)	CuttingLength (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (lm/w) @3000K	IP rate
LM120-S2835W30-Wx	120	6	25mm@12v 50mm@24v	12v/24v	16.8	>90	1536	91.4	IP20/IP65/IP65H
LM120-S2835W30-Wx	120	8	25mm@12v 50mm@24v	12v/24v	19.2	>90	1720	89.5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S2835W30-Wx	120	10	25mm@12v 50mm@24v	12v/24v	24	>90	2110	88	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM140-S2835W30-Wx	140	5	50mm@24v	24v	14.4	>90	1540	106	IP20/IP65/IP65H
LM140-S2835W30-Wx	140	10	50mm@24v	24v	24	>90	2460	102.5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM144-S2835W30-Wx	144	15	83.34mm@24v	24v	28.8	>90	2534	88	IP20/IP52/IP65/IP67
LM168-S2835W30-Wx	168	6	17.86mm@12v 35.72mm@24v	12v/24v	10	>90	940	94	IP20/IP65/IP65H
LM168-S2835W30-Wx	168	20	35.72mm@24v	24v	30	>90	2670	89	IP20/IP52/IP65/IP67
LM180-S2835W30-Wx	180	5	33.34mm@24v	24v	14.4	>90	1322	91.8	IP20/IP65/IP65H
LM180-S2835W30-Wx	180	8	33.34mm@24v	24v	14.4	>90	1322	91.8	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM180-S2835W30-Wx	180	10	33.34mm@24v	24v	24	>90	2190	91.25	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM182-S2835W30-Wx	182	10	38.47mm@24v	24v	24	>90	2520	105	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM182-S2835W30-Wx	182	32	38.47mm@24v	24v	25	>90	2620	104.8	IP20
LM240-S2835W30-Wx	240	10	25mm@24v	24v	24	>90	2200	91.6	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S2835W30-Wx	120	10	8.34mm@5v	5v	12	>90	930	77.5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S2835W30-Wx	120	10	8.34mm@12v	12v	14	>90	1400	100	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S2835W30-Wx	120	10	8.34mm@24v	24v	19	>90	1750	97	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68

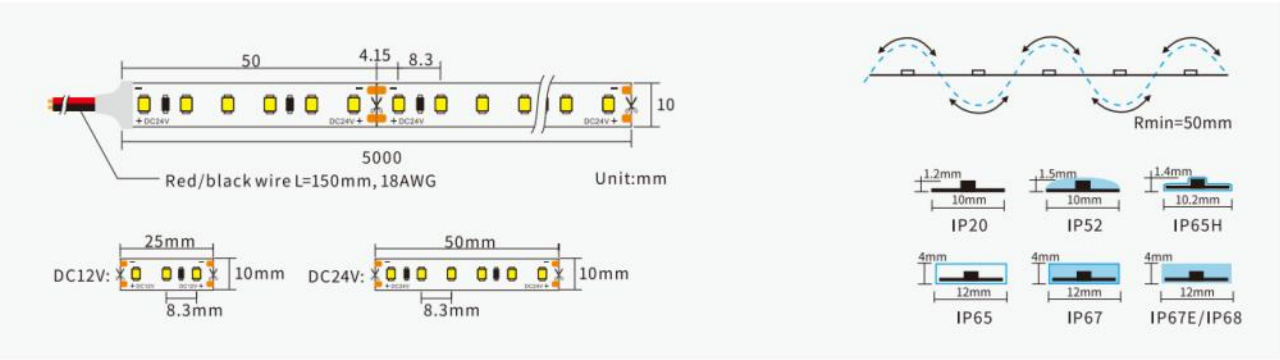
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

2835SMD 120LEDs LED STRIP

- 2835LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



DIMENSIONS & WATERPROOF

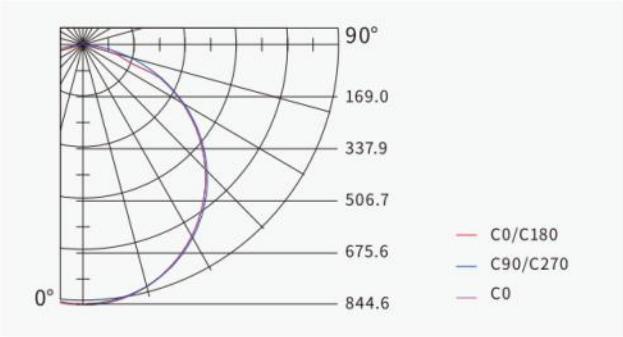


PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	120LEDs/m, 8.3mm pitch
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step length	50mm(24V)/25mm(12V)
Power(W)	24Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	1A(24V)/2A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE

(Base on IP20 CRI>90 6000K)



PRODUCT PHOTOMETRICS

(The data base on IP20 24V)

CCT (K)	Lumen(lm/m) CRI>90 CRI>80	Efficacy(lm/w) CRI>90 CRI>80	CRI CRI>90 CRI>80	R9 CRI>90 CRI>80	Rf(Fidelity) CRI>90 CRI>80	Rg(Gamut) CRI>90 CRI>80
2100±100	1658.16 2340.17	69.09 97.51	91.36 81.67	69.99 7.20	90.93 81.09	101.95 90.16
2400±100	1868.16 2520.10	77.84 105.00	91.47 81.09	76.83 5.08	90.81 83.15	101.82 92.03
2700±100	2135.52 2640.07	88.98 110.00	91.33 82.04	78.86 8.18	92.80 82.18	100.81 96.15
3000±100	2154.72 2760.05	89.78 115.00	92.65 82.26	84.93 6.13	90.80 81.08	103.96 92.20
4000±200	2349.12 2820.07	97.88 117.50	95.64 82.68	85.95 5.08	90.95 78.06	100.00 95.14
6000±300	2266.80 2856.05	94.45 119.00	93.37 82.18	98.82 6.02	91.96 86.10	101.89 96.11

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

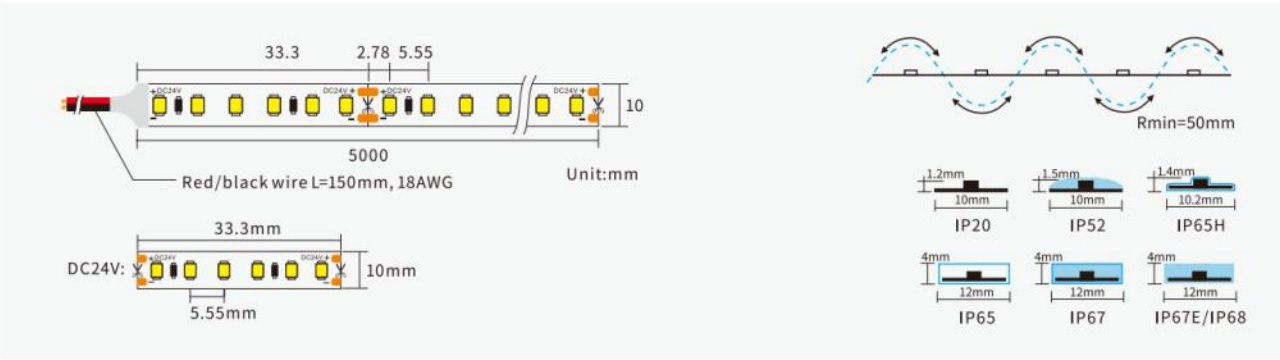
Order code: LM120-S2835W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
CCT: W21/W24/W27/W30/W40/W60 — Voltage: W12/W24

2835SMD 180LEDs LED STRIP

- 2835LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



DIMENSIONS & WATERPROOF

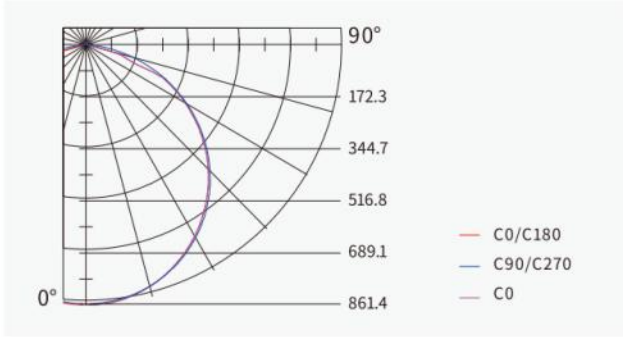


PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	180LEDs/m, 5.55mm pitch
Step LEDs	6LEDs
Step length	33.3mm
Power(W)	24Watt/meter
Voltage(V)	DC24V
Current(A/m)	1A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE

(Base on IP20 CRI>90 6000K)



PRODUCT PHOTOMETRICS

(The data base on IP20 24V)

CCT (K)	Lumen(lm/m) CRI>90 CRI>80	Efficacy(lm/w) CRI>90 CRI>80	CRI CRI>90 CRI>80	R9 CRI>90 CRI>80	Rf(Fidelity) CRI>90 CRI>80	Rg(Gamut) CRI>90 CRI>80
2100±100	1716.07 2388.04	71.50 99.50	91.69 81.61	69.04 7.11	86.20 81.18	101.18 90.19
2400±100	1886.03 2568.04	78.58 107.00	90.02 81.05	76.17 5.06	90.13 83.19	101.14 92.06
2700±100	2080.01 2695.01	86.67 112.29	91.13 82.19	78.07 8.13	89.11 82.10	100.20 96.20
3000±100	2190.00 2817.19	91.25 117.38	91.07 82.21	79.11 6.20	90.07 81.10	102.06 92.02
4000±200	2328.05 2880.03	97.00 120.00	94.10 82.58	77.17 5.10	90.10 78.18	99.03 95.19
6000±300	2448.04 2916.08	102.00 121.50	92.03 82.14	82.11 6.18	91.20 86.03	101.12 96.17

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LM180-S2835W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
CCT: W21/W24/W27/W30/W40/W60



5050SMD SERIES

The 5050 SMD series stands as our classic LED strips, offering a vast range of colors, CCT from 1800K to over 10000K, a wide array of Bin ranges, and several CRI options (CRI80, CRI90, CRI95, and beyond). These strips boast diverse power and lumen capacities and offer a comprehensive variety of IP ratings, including IP52, all IP rate sluh as IP52 IP65 IP65E IP67 IP68. OEM and ODM services are available for this series.

Users can choose the most suitable product to match their environmental needs, function requirements, projects, and budgets. The 5050 SMD series exemplifies versatility and customization in LED lighting solutions.

PRODUCT PARAMETER

Model	LEDs/m	PCBWidth (mm)	CuttingLength (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (lm/w) @3000K	IP rate
LM30-S5050W30-Wx	30	10	100mm@12v 166.67mm@24v	12v/24v	7.2	>90	550	77	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM48-S5050W30-Wx	48	10	62.5mm@12v 125mm@24v	12v/24v	11.52	>90	880	77	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S5050W30-Wx	60	8	50mm@24v	24v	14.4	>90	1110	77	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S5050W30-Wx	60	10	50mm@12v 100mm@24v	12v/24v	14.4	>90	1110	77	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S5050W30-Wx	60	12	50mm@12v 100mm@24v	12v/24v	14.4	>90	1110	77	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM72-S5050W30-Wx	72	10	100mm@24v	24v	17.28	>90	1332	77	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM96-S5050W30-Wx	96	12	62.5mm@24v	24v	19.2	>90	1530	79	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S5050W30-Wx	120	15	50mm@24v	24v	28.8	>90	2220	77	IP20/IP52/IP65/IP67
LM120-S5050W30-Wx	120	20	50mm@12v 50mm@24v	12v/24v	28.8	>90	2220	77	IP20/IP52/IP65/IP67

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.

5050SMD 60LEDs LED STRIP

- 5050 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2100k 2400k 2700k 3000k 4000k 6000k

R

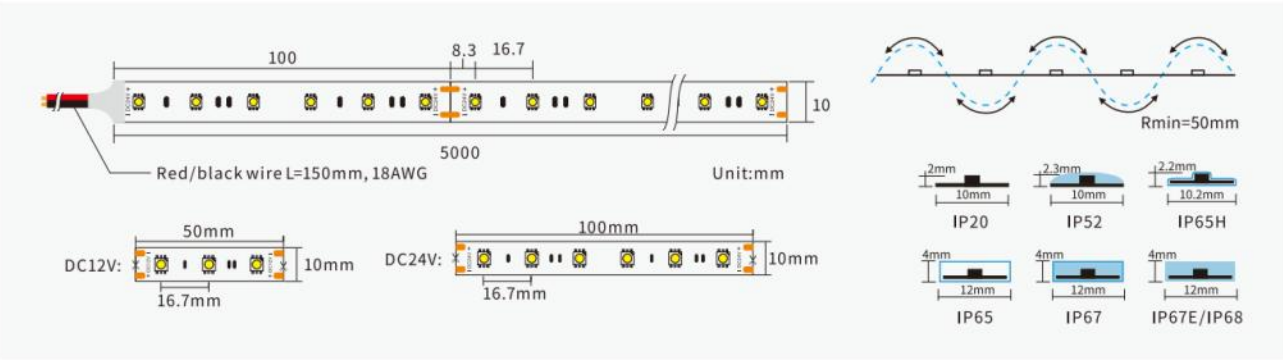
G

B

Y



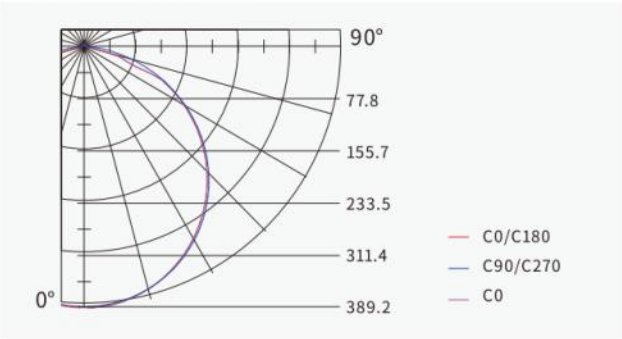
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	60LEDs/m, 16.7mm pitch
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step length	100mm(24V)/50mm(12V)
Power(W)	14.4Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.6A(24V)/1.2A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>90 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT (K)	Lumen(lm/m) CRI>90 CRI>80	Efficacy(lm/w) CRI>90 CRI>80	CRI CRI>90 CRI>80	R9 CRI>90 CRI>80	Rf(Fidelity) CRI>90 CRI>80	Rg(Gamut) CRI>90 CRI>80
2100±100	742.75 1065.07	51.58 73.96	90.2 81.50	78.54 4.17	90.04 80.07	99.7 98.14
2400±100	817.49 1296.20	56.77 90.01	91.51 81.65	79.04 3.70	90.11 82.08	99.9 96.14
2700±100	866.30 1418.20	60.16 98.49	93.17 82.06	82.05 5.04	91.35 81.07	100.8 98.10
3000±100	926.64 1468.14	64.35 101.95	93.80 82.53	79.82 4.55	90.26 82.04	101.5 95.15
4000±200	1012.60 1497.04	70.32 103.96	96.75 82.08	89.36 3.68	92.16 81.49	103.8 91.08
6000±300	1067.47 1540.12	74.13 106.95	91.28 83.14	79.63 6.19	90.13 82.20	99.91 96.10

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LM60-S5050W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
CCT: W21/W24/W27/W30/W40/W60 — Voltage: W12/W24



2110SMD SERIES

The 2110 SMD series, a high-density range, features an exceptional LED distribution from 108 LEDs/m to a 720 LEDs/m on ultra-slim PCBs that range from 2mm to 5mm. 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.

2400k2700k3000k4000k6000k

CRI >90

One Bin

Dimmable

120° Beam angle

Cuttable

5m/Reel

50000 hours Lifetime

LM80 Compliant

5 Year Warranty

PRODUCT PARAMETER

Model	LEDs/m	PCBWidth (mm)	CuttingLength (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (lm/w) @3000K	IP rate
LM60-S2110W30-Wx	60	8	50mm@12v 100mm@24v	12v/24v	4.8	>90	369	77	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S2110W30-Wx	120	8	25mm@12v 50mm@24v	12v/24v	9.6	>90	739	77	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM240-S2110W30-Wx	240	4	25mm@24v	24v	10	>90	810	81	IP20
LM240-S2110W30-Wx	240	10	25mm@24v	24v	19.2	>90	1478	77	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM280-S2110W30-Wx	280	10	25mm@24v	24v	19.2	>90	1747	91	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM300-S2110W30-Wx	300	10	20mm@24v	24v	20	>90	1580	79	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM420-S2110W30-Wx	420	10	16.67mm@24v	24v	20	>90	1860	93	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM560-S2110W30-Wx	560	10	12.5mm@24v	24v	20	>90	1900	95	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM700-S2110W30-Wx	700	10	10mm@24v	24v	20	>90	1920	96	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM720-S2110W30-Wx	720	10	8.33mm@24v	24v	20	>90	1610	80.5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM720-S2110W30-Wx	720	8	8.33mm@24v	24v	20	>90	1610	80.5	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.

2110SMD 240LEDs LED STRIP

- 2010 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white color temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2400k2700k3000k4000k6000k

CRI >90

One Bin

Dimmable

120° Beam angle

Cuttable

5m/Reel

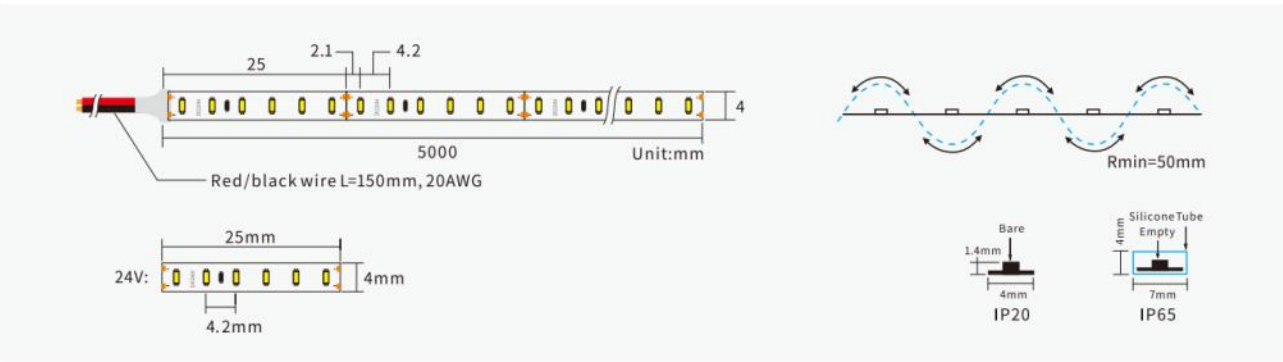
50000 hours Lifetime

LM80 Compliant

5 Year Warranty



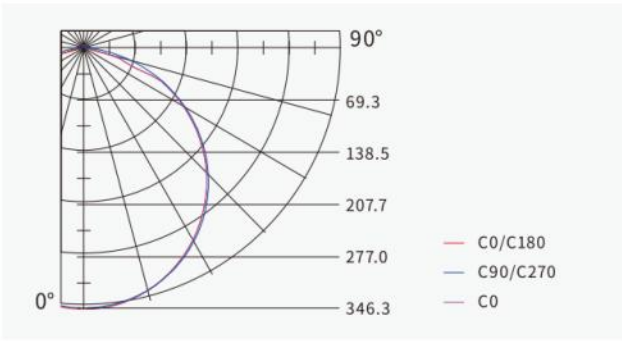
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx4mmx1.4mm
Chip density	240LEDs/m, 4.2mm pitch
Step LEDs	6LED
Step length	25mm
Power(W)	10Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.42A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>95 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI>90)

CCT (K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2400±100	720.00	72.00	91.47	76.83	90.81	101.82
2700±100	816.00	81.60	91.33	78.86	92.80	100.81
3000±100	912.00	91.20	92.65	84.93	90.80	103.96
4000±200	888.00	88.80	93.42	85.95	90.95	100.00
6000±300	984.00	98.40	92.52	90.95	91.96	101.89

Order code: LM240-S2010W30-W24-IP20 — IP20/IP65
CCT: W24/W27/W30/W40/W60

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	PCBWidth (mm)	CuttingLength (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (lm/w) @3000K	IP rate
LM60-S3014W30-Wx	60	8	50mm@12v 100mm@24v	12v/24v	7.2	>90	640	89	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM70-S3014W30-Wx	70	8	100mm@24v	24v	7.2	>90	750	104	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S3014W30-Wx	120	5	25mm@12v 50mm@24v	12v/24v	12	>90	1080	90	IP20/IP65/IP65H
LM120-S3014W30-Wx	120	8	25mm@12v 50mm@24v	12v/24v	12	>90	1080	90	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM140-S3014W30-Wx	140	10	50mm@24v	24v	14.4	>90	1498	104	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM204-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
LM240-S3014W30-Wx	240	10	12.5mm@12v 25mm@24v	12v/24v	24	>90	2160	90	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68

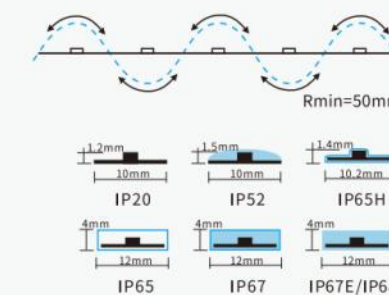
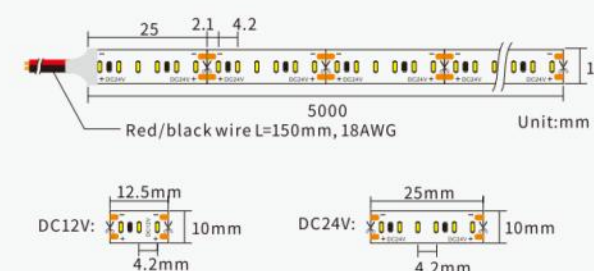
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

3014SMD 240LEDs LED STRIP

- 3014 LED with broader luminous surface
- Self-encapsulated design offers optional 2700-6000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



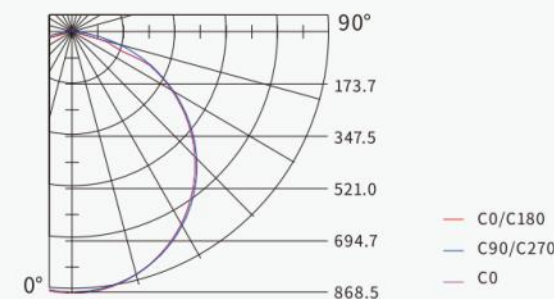
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	240LEDs/m, 4.2mm pitch
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step length	25mm(24V)/12.5mm(12V)
Power(W)	24Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	1A(24V)/2A(12V)
Copperfoil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>90 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT (K)	Lumen(lm/m) CRI>90 CRI>80	Efficacy(lm/w) CRI>90 CRI>80	CRI CRI>90 CRI>80	R9 CRI>90 CRI>80	Rf(Fidelity) CRI>90 CRI>80	Rg(Gamut) CRI>90 CRI>80
2700±100	1949.28 2560.04	81.22 106.67	90.84 81.68	65.95 4.64	90.84 80.03	99.81 96.04
3000±100	1979.76 2610.03	82.49 108.75	92.72 82.09	66.90 6.07	91.00 82.08	99.81 96.08
4000±200	2112.00 2640.09	88.00 110.00	91.12 83.06	72.91 10.16	89.99 81.14	98.91 94.03
6000±300	2203.92 2640.04	91.83 110.00	90.15 83.12	69.90 7.13	87.98 79.11	96.90 95.18

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LM240-S3014W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

CCT:W27/W30/W40/W60 — Voltage:W12/W24



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.

2700K3000K4000K6000K

RGBY

CRI>90

One Bin

Dimmable

120° Beam angle

Cuttable

5m/Reel

50000 hours Lifetime

LM80 Compliant

5 YEARS

PRODUCT PARAMETER

Model	LEDs/m	PCBWidth (mm)	CuttingLength (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (lm/w) @3000K	IP rate
LM120-S2216W30-Wx	120	10	50mm@24v	24v	9.6	>90	750	81	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM180-S2216W30-Wx	180	10	33.33mm@24v	24v	14.4	>90	1123	81	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM240-S2216W30-Wx	240	5	25mm@24v	24v	10	>90	890	89	IP20/IP65/IP65H
LM240-S2216W30-Wx HOT	240	10	25mm@24v	24v	19.2	>90	1500	81	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM300-S2216W30-Wx	300	10	20mm@24v	24v	20	>90	1700	85	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM420-S2216W30-Wx	420	10	14.28mm@24v	24v	24	>90	2050	85	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.

2216SMD 240LEDs LED STRIP

- 2216 LED with broader luminous surface
- Self-encapsulated design offers optional 2700-6000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2700K3000K4000K6000K

RGBY

CRI>90

One Bin

Dimmable

120° Beam angle

Cuttable

5m/Reel

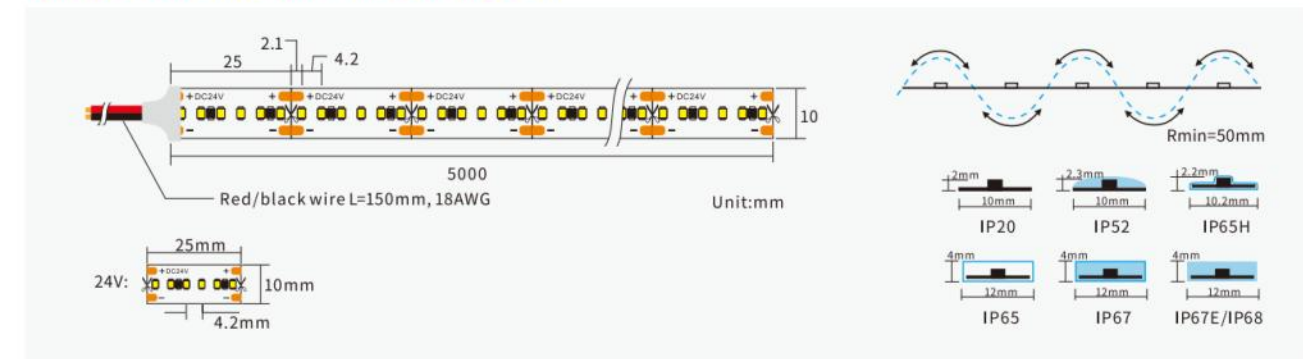
50000 hours Lifetime

LM80 Compliant

5 YEARS



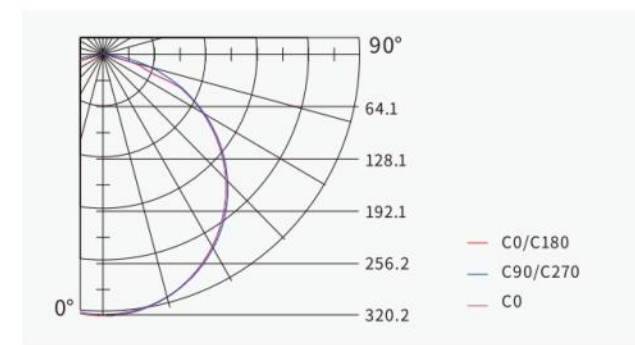
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	240LEDs/m, 4.2mm pitch
Step LEDs	6LEDs(24V)
Step length	25mm(24V)
Power(W)	10Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.42A(24V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>90 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT (K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2700±100	1570.56	81.80	90.24	54.96	88.83	99.89
3000±100	1591.10	82.87	89.26	51.82	90.00	98.92
4000±200	1613.95	84.06	90.02	68.97	89.90	99.99
6000±300	1648.90	85.88	89.87	72.97	88.89	97.93

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LM240-S2216W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

└ CCT:W27/W30/W40/W60

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 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	PCBWidth (mm)	CuttingLength (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @2700K +6000K	Efficacy (Lm/w) @2700K +6000K	IP rate
LM60-S3528TW3060-Wx	60	10	50mm@12v 100mm@24v	12v/24v	9.6	>80	930	96	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM120-S3528TW3060-Wx	120	10	25mm@12v 50mm@24v	12v/24v	19.2	>80	1870	96	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM120-S3528TW3060-Wx	120	10	50mm@12v 100mm@24v	12v/24v	9.6	>90	796	83	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM60-S5050TW3060-Wx	60	10	50mm@12v 100mm@24v	12v/24v	19.2	>80	1560	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM60-S5050TW3060-Wx	60	10	100mm@12v 166.7mm@24v	12v/24v	14.4	>90	1340	93	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM224-S3014TW3060-Wx	224	10	62mm@24v	24v	23	>90	2200	94	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM112-S2835TW3060-Wx	112	10	125mm@24v	24v	19.2	>90	1930	99	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM120-S2835TW3060-Wx	120	10	50mm@12v 100mm@24v	12v/24v	24	>90	2240	93	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

PRODUCT PARAMETER

Model	LEDs/m	PCBWidth (mm)	CuttingLength (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @2700K +6000K	Efficacy (Lm/w) @2700K +6000K	IP rate
LM160-S2835TW3060-Wx	160	10	100mm@24v	24v	21	>90	2880	137	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM240-S2835TW3060-Wx	240	12	50mm@24v	24v	24	>90	2330	97	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM112-S5630TW3060-Wx	112	10	125mm@24v	24v	23	>90	2570	111	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM120-S2835TW3060-Wx	120	10	100mm@24v	24v	14.4	>80	1550	107	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM224-S2216TW2135-Wx	224	10	62.5mm@24v	24v	18	>90	1429	85	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM240-S2010TW1830-Wx	240	5	50mm@24v	24v	12	>95	1020	85	IP20/IP65/IP65H
LM364-S2010TW3065-Wx	364	10	38.46mm@24v	24v	20	>95	2074	103.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM120-S2835TW3060-Wx	120	10	16.7mm@5v @12v@24v	5v	12	>90	970	67.4	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM120-S2835TW3060-Wx	120	10	16.7mm@5v @12v@24v	12v	14	>90	1440	102	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LM120-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.

RGBX COLORFUL SERIES

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





RGBX COLORFUL SERIES

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 (RGBSeries)

Model	LED 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
LM30-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
LM48-S5050RGB-Wx	5050RGB	RGB	48	10	62.5mm@12v 125mm@24v	24v	11	/	473	43	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S5050RGB-Wx	5050RGB	RGB	60	8	24V:50mm	12v	12	/	528	44	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S5050RGB-Wx	5050RGB	RGB	60	10	50mm@12v 100mm@24v	12v/24v	14.4	/	620	43	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM72-S5050RGB-Wx	5050RGB	RGB	72	10	24V:83.3mm	24v	17.28	/	743	43	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM96-S5050RGB-Wx	5050RGB	RGB	96	12	24V:62.5mm	24v	23W	/	980	43	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S5050RGB-Wx	5050RGB	RGB	120	12	25mm@12v 50mm@24v	12v/24v	24	/	1056	44	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S5050RGB-Wx	5050RGB	RGB	120	20	50mm@12v 50mm@24v	12v/24v	28.8	/	1238	43	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S2835RGB-Wx	2835RGB	RGB	120	5	25mm@12v 50mm@24v	12v/24v	10	/	350	35	IP20/IP65/IP65H
LM120-S2835RGB-Wx	2835RGB	RGB	120	8	50mm@24v	24v	12	/	350	35	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S3838RGB-Wx	3838RGB	RGB	120	8	50mm@24v	24v	12	/	480	40	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM240-S3838RGB-Wx	3838RGB	RGB	240	12	25mm@24v	24v	24	/	960	40	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S020WRGB-Wx	020 RGB Side view	RGB	60	10	50mm@24v	12v	12	/	348	29	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM840-COBRGB-Wx	COB RGB	RGB	840	10	50mm@24v	24v	15	/	678	45.2	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68

PRODUCT PARAMETER (RGB+W Series)

Model	LED 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
LM60-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
LM72-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
LM96-S5050RGBWx-Wx	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
LM120-S5050RGBWx-Wx	5050RGB+5050W	2100K/2400K/2700K/3000K/4000K/6000K	120	20	100mm@24v	24v	28.8	>90	1560	54	IP20/IP52/IP65/IP67
LM144-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
LM120-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
LM140-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
LM168-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
LM240-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
LM72-S020RGBWx-Wx	020RGB+3014W Sideview	2700K/3000K/4000K/6000K	72	12	166.6mm@24v	24v	12	>80	534	44.5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-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
LM60-LS5050RGBWx-Wx	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
LM72-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
LM84-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
LM84-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
LM96-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
LM96-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	LED 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
LM210-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
LM630-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
LM60-LS5050RGBTWx-Wx	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
LM84-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
LM96-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

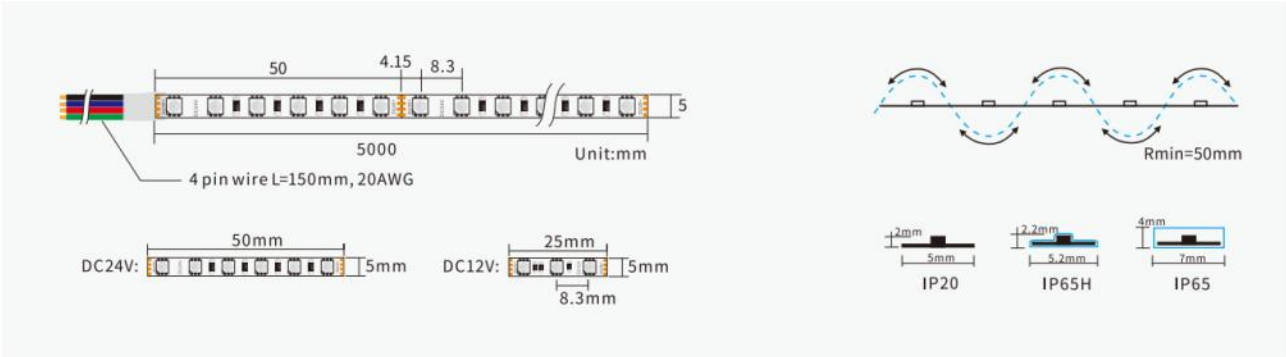
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

RGB 2835SMD 120LEDs

- 2835LED with broader luminous surface
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- widely adaptable to all types of controllers



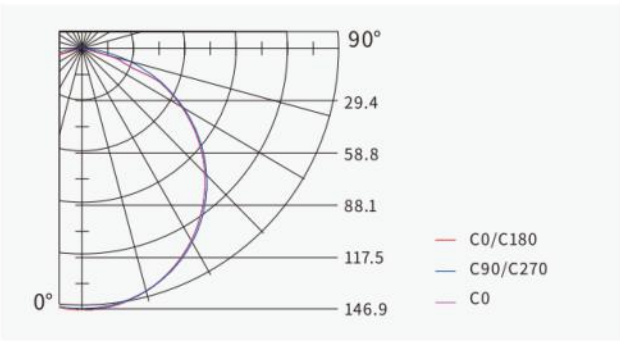
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx5mmx2mm
Chip density	120LEDs/m, 8.3mm pitch
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step length	50mm(24V)/25mm(12V)
Power(W)	10Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.42A(24V)/0.21A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

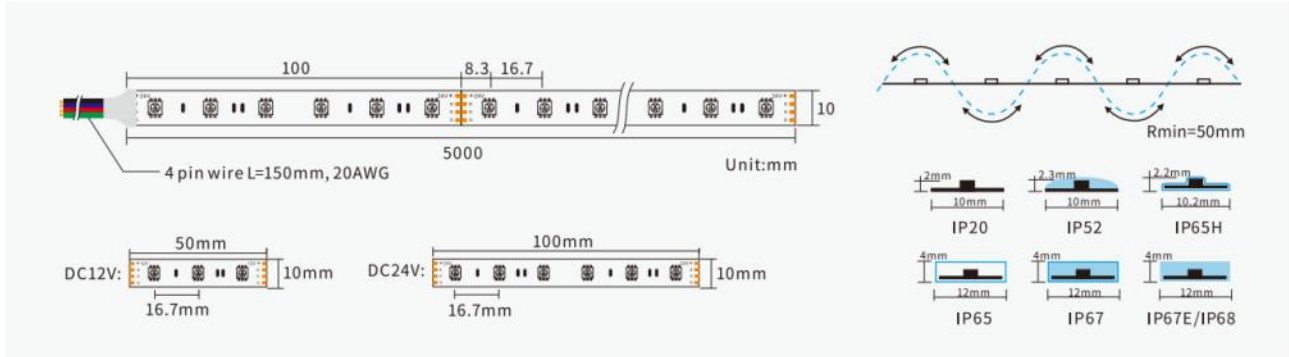
Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	3.22	84.20	26.15
Green	520~525nm	3.49	278.54	79.81
Blue	465~470nm	3.29	62.02	18.85
RGB	/	10	417.5	41.75

RGB 5050SMD 60LEDs

- 5050LED with broader luminous surface
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- widely adaptable to all types of controllers



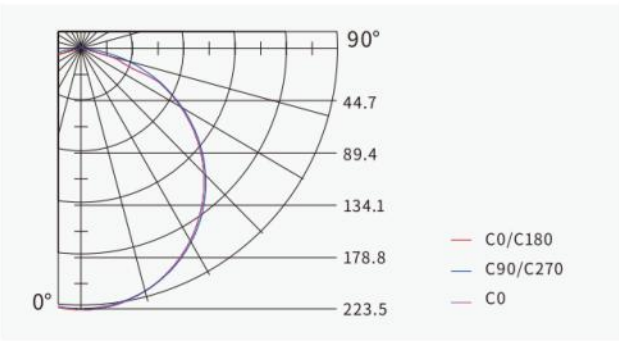
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	60LEDs/m, 16.7mm pitch
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step length	100mm(24V)/50mm(12V)
Power(W)	14.4Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.6A(24V)/1.2A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	4.8	132.13	27.53
Green	520~525nm	4.8	434.08	90.43
Blue	465~470nm	4.8	79.08	16.48
RGB	/	14.4	635.13	44.11

Order code: LM120-S2835RGB-W24-IP20 — IP20/IP65H/IP65 — Voltage: W12/W24

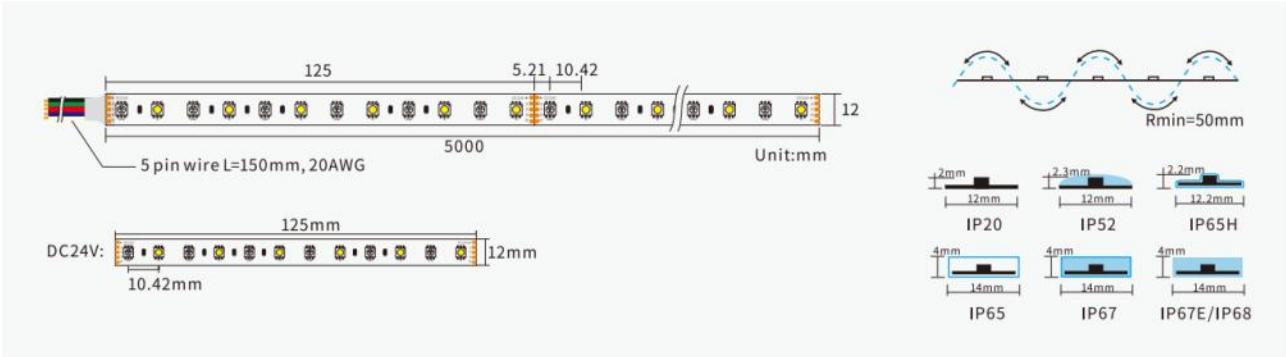
Order code: LM60-S5050RGB-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68 — Voltage: W12/W24

RGB+W 5050SMD 96LEDs 24V

- 5050LEDwithbroaderluminous surface
- Self-encapsulated design
- RGB+whitecolorful strip
- HighqualityPCB,highthermal3Madhesive
- widely adaptable to all types of RGBW controllers



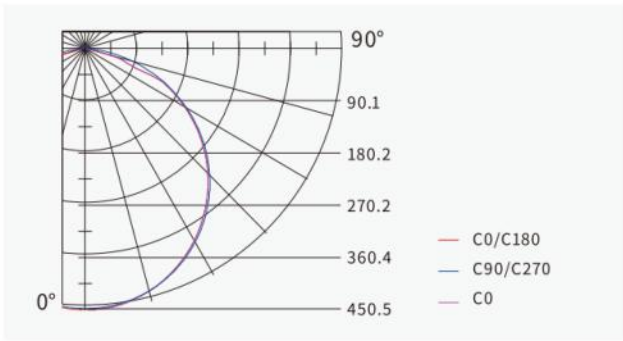
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chipdensity	96LEDs/m,10.42mm pitch
StepLEDs	12LED
Steplength	125mm
Power(W)	23.04Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.96A
Copperfoil	2oz
Ambienttemperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRD>90 RGB+6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	3.33	99.9	30.00
Green	520~525nm	3.72	319.92	86.00
Blue	465~470nm	3.44	61.92	18.00
W	6000K	11.00	935.00	85.00
RGBW	/	20.32	1280.16	63.00

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

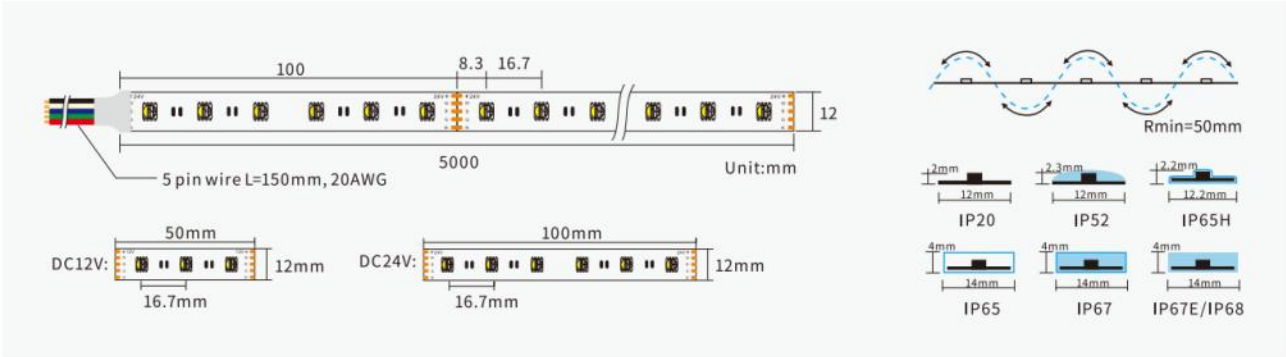
Ordercode: LM96-S5050RGBW27-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
— RGBW21/RGBW24/RGBW27/RGBW30/RGBW40/RGBW60

RGBW 5050SMD 60LEDs (4 in 1) 12V/24V

- 5050 LED RGB+white 4 chips in 1LED colorful strip
- HighqualityPCB,highthermal3Madhesive
- Widely adaptable to all types of RGBW controllers



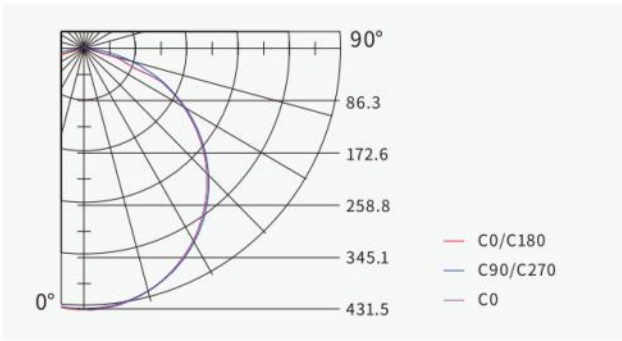
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chipdensity	60LEDs/m,16.7mmpitch
StepLEDs	6LED(24V)/3LED(12V)
Steplength	100mm(24V)/50mm(12V)
Power(W)	19.2Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.8A(24V)1.6A(12V)
Copperfoil	2oz
Ambienttemperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB+6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V CRD>80)

Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	4.26	141.98	33.33
Green	520~525nm	5.37	441.46	82.21
Blue	465~470nm	4.77	122.87	25.76
W	6000K	4.8	517.68	107.85
RGBW	/	19.2	1226.11	63.86

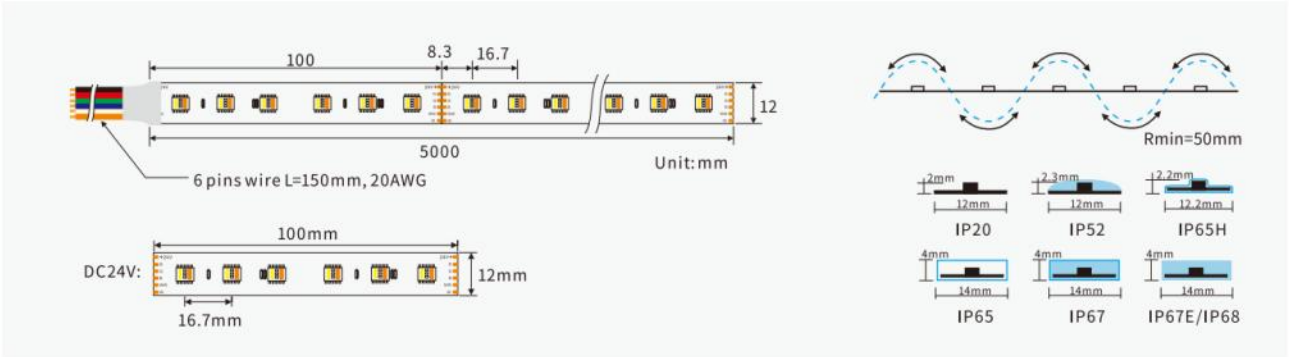
Ordercode: LM60-LS5050RGBW27-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
— RGBW27/RGBW30/RGBW40/RGBW60 — Voltage:W12/W24

RGBTW 5050SMD 60LEDs (5 in 1) 24V

- 5050 LED RGB+warm white+cool white 5 chips in 1LED colorful strip
- High quality PCB, high thermal 3M adhesive
- Widely adaptable to all types of RGBW controllers



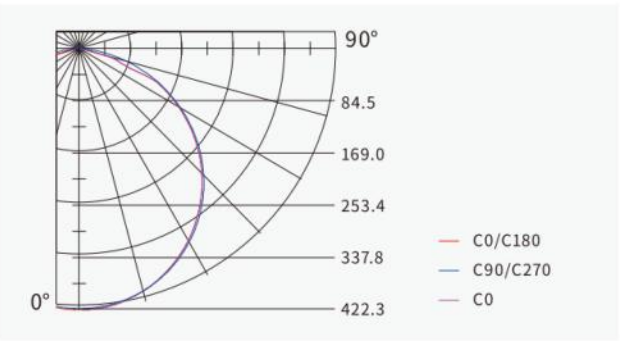
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	60LEDs/m, 16.7mm pitch
Step LEDs	6LED
Step length	100mm
Power(W)	19.2Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.8A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB+2400K+6000K)

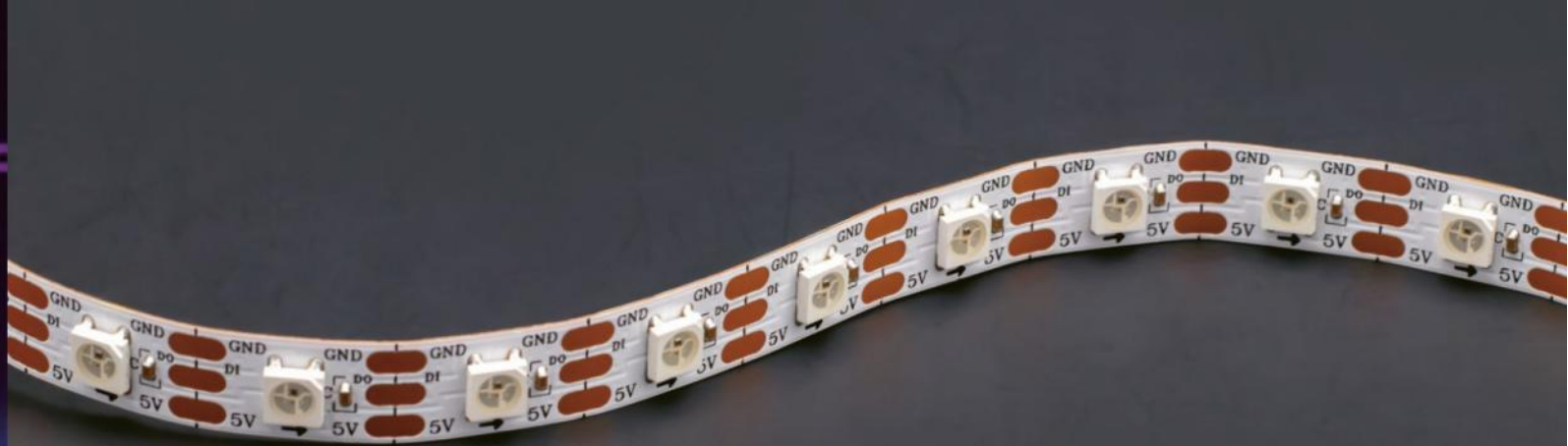


PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI>80)

Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	619~625nm	3.32	107.90	32.50
Green	519~525nm	3.27	244.95	74.91
Blue	465~470nm	3.57	65.72	18.41
WW	2400K	3.72	311.28	83.68
W	6000K	3.73	390.08	104.58
RGBTW	/	18.24	1101.14	60.37

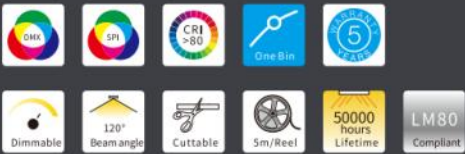
Ordercode: LM60-LS5050RGBTW-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68





ADDRESSABLE COLORFUL SERIES

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
LM60-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
LM60-S5050RGBW-W5-SK6812	60	SK6812	60	10	16.66mm@5v	5v	12	>80	655	54.6	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S5050RGB-W12-MT1809	60	MT1809	60	10	16.66mm@12v	12v	8	>80	250	31.3	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S2835-W24-UCS1903H	120	UCS1903H	10	10	100mm@24v	24v	14.4	>80	1200	83.3	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S2835RGB-W24-WS2811	120	WS2811	10	8	100mm@24v	24v	12.5	>80	389	31.1	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-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
LM60-S5050RGB-W24-UCS1903H	60	UCS1903H	10	10	100mm@24v	24v	14.4	>80	524	36.4	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S5050RGBW-W12-UCS2904B	60	UCS2904B	20	10	50mm@12v	12v	18	>80	758	42.1	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S5050RGBW-W24-UCS2904B	60	UCS2904B	10	10	100mm@24v	24v	18	>80	758	42.1	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM30-S5050RGB-W12-WS2818	30	WS2818	10	10	100mm@12v	12v	7.2	>80	281	39	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S5050RGB-W12-WS2818	60	WS2818	20	10	50mm@12v	12v	14.4	>80	562	39	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-S5050RGB-W24-WS2818	60	WS2818	10	10	100mm@24v	24v	14.4	>80	562	39	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-DMX5050RGB-W24-UCS512C4 Hot	60	DMX512-UCS512H4L	10	12	100mm@24v	24v	14.4	>80	380	26.4	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-DMX5050RGBW-W24-UCS512C4 Hot	60	DMX512-UCS512C4	10	12	100mm@24v	24v	18.5	>80	718	38.8	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.

ADDRESSABLE COLORFUL SERIES

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’.

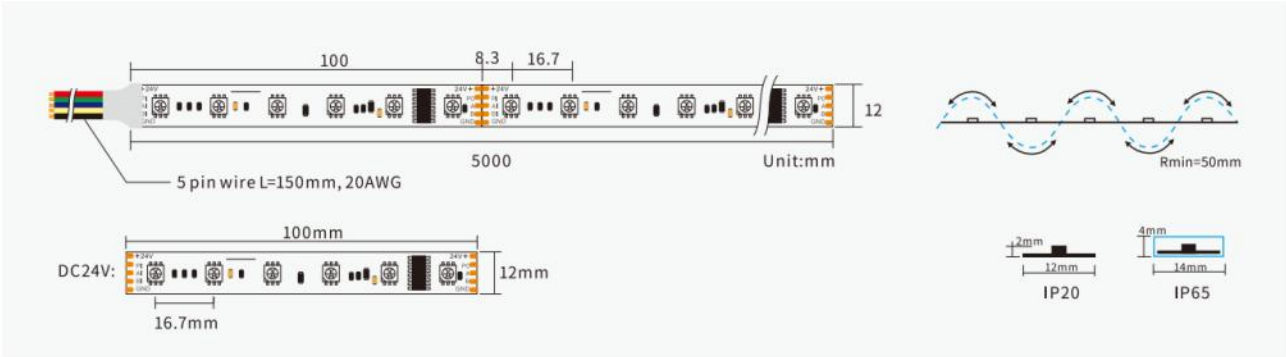
- DMX512 / SPI are available
- RGB / RGBW are available
- 5V / 12V / 24V are available
- IP20/IP52/IP65/IP67/IP68 are available

DMX512 RGB 5050SMD 60LEDs 24V

- Compatible with DMX512(1990) protocol.
- Adopting RS485 signal trunk and signal differential transmission mode to ensure stronger ability of anti-interference and longer transmission distance
- Automatically addressing with editor
- High quality PCB, high thermal 3M adhesive



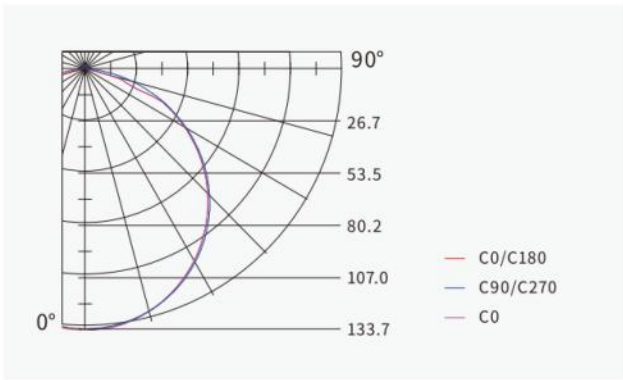
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	60LED, 16.7mm LED pitch
Pixel density	10Pixels/m
Step LEDs	6LED
Step length	100mm
Power(W)	14.4Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.6A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (The data base on IP20)



PRODUCT PHOTOMETRICS (The data base on IP20)

Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	4.63	134.15	28.97
Green	520~525nm	5.04	433.40	85.99
Blue	465~470nm	4.74	80.49	16.98
RGB	/	14.4	620	43.05

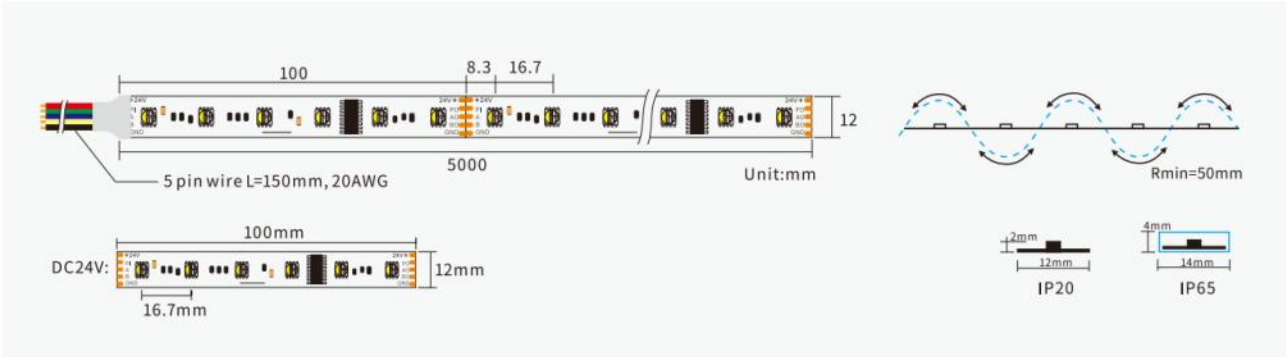
Order code: LM60-DMXS5050RGB-W24-IP20 — IP20/IP65

DMX512 RGBW 5050SMD 60LEDs 24V

- Compatible with DMX512(1990) protocol.
- Adopting RS485 signal trunk and signal differential transmission mode to ensure stronger ability of anti-interference and longer transmission distance
- Automatically addressing with editor
- High quality PCB, high thermal 3M adhesive



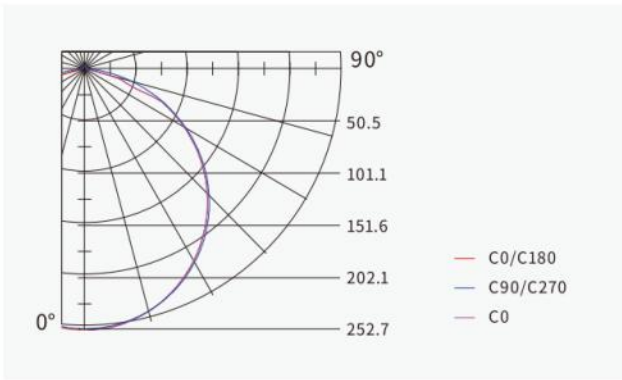
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	60LED, 16.7mm LED pitch
Pixel density	10Pixels/m
Step LEDs	6LED
Step length	100mm
Power(W)	18.5Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.77A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (The data base on IP20 RGB+4000K)



PRODUCT PHOTOMETRICS (The data base on IP20)

Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	4.26	141.89	33.33
Green	520~525nm	5.37	441.42	82.21
Blue	465~470nm	4.77	122.97	25.76
W	4000K	19.2	1207.49	62.89
RGBW	/	19.2	1226.11	63.86

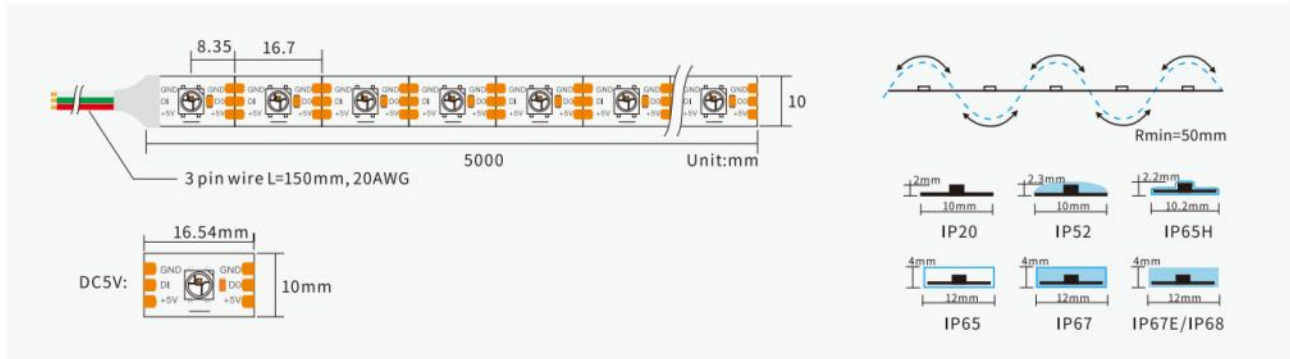
Order code: LM60-DMXS5050RGBW27-W24-IP20 — IP20/IP65
RGBW27/RGBW30/RGBW40/RGBW60

SPI RGB SK6812 60LEDs 5V

- 5050SMD with built-in IC SK6812
- Fully compatible with WS2812B
- Supporting numerous Color-change effects every single LED
- Flexible PCB 5V low voltage input
- High quality PCB, high thermal 3M adhesive



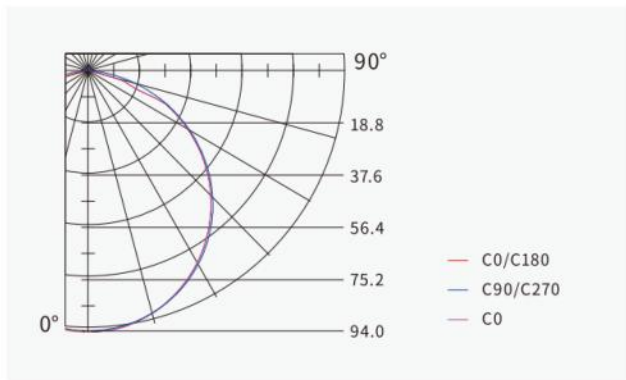
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	60LEDs/m, 16.7mm pitch
Pixel density	60Pixels/m
Step LEDs	1LED
Step length	16.7mm
Power(W)	10.6Watt/meter
Voltage(V)	DC5V
Current(A/m)	2.12A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20)



PRODUCT PHOTOMETRICS (The data base on IP20)

Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	3.5	59	16.9
Green	520~525nm	3.5	178	50.7
Blue	465~470nm	3.5	45	12.8
RGB	/	10.6	268	25.3

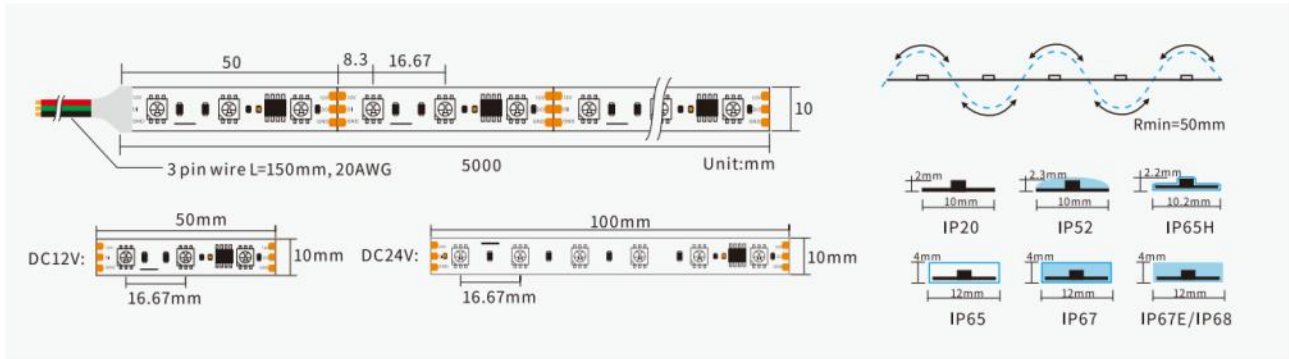
Order code: LM60-S5050RGB-W5-SK6812-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

SPI RGB UCS1903 60LEDs 12V/24V

- Flexible PCB 12V or 24V low voltage input
- High quality PCB, high thermal 3M adhesive



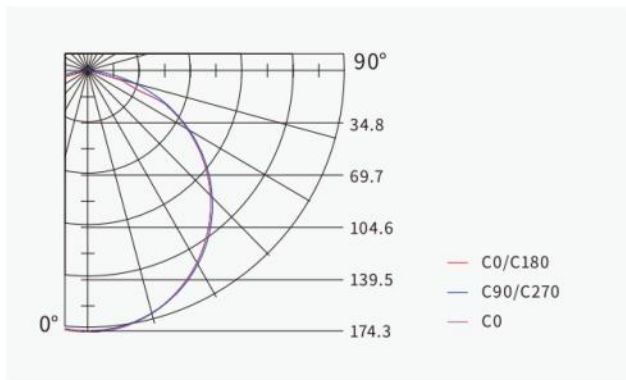
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	60LED, 16.67mm LED pitch
Pixel density	20Pixels/m(12V)/10Pixels/m(24V)
Step LEDs	3LED(12V)/6LED(24V)
Step length	50mm(12V)/100mm(24V)
Power(W)	14.4Watt/meter
Voltage(V)	DC12V/DC24V
Current(A/m)	1.2A/0.6A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (The data base on IP20)



PRODUCT PHOTOMETRICS (The data base on IP20)

Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	4.63	107.32	23.18
Green	520~525nm	5.04	346.75	68.80
Blue	465~470nm	4.72	64.19	13.60
RGB	/	14.4	531.07	36.88

Order code: LM60-S5050RGB-W24-UCS1903-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
Voltage: W12/W24

SUPER LONG CONSTANT CURRENT SERIES

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	MaxSerial RunLength(M)	IP rate
LM80-S2835W30-W48-25	80	10	50mm@48v	48v	5.8	>90	534	92	25	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM160-S2835W30-W48-20	160	10	25mm@48v	48v	8.8	>90	792	90	20	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM72-S2835W30-W48-60	72	10	166.7mm@48v	48v	3.2	>90	336	105	60	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-S2835W30-W48-50	120	12	100mm@48v	48v	5.2	>90	541	104	50	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM150-S2835W30-W48-10	150	10	100mm@48v	48v	20	>90	2100	105	10	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM240-S2835W30-W48-40	240	12	100mm@48v	48v	10.5	>90	1071	102	40	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM54-S5050W30-W48-50	54	12	166.7mm@48v	48v	9.4	/	427	45.4	50	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM108-S5050W30-W48-40	108	12	166.7mm@48v	48v	12.5	>90	655	52.4	40	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM78-CS2835W30-W48-50	78	10	166mm@48v	48v	4.2	>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	MaxSerial RunLength(M)	IP rate
LM60-CS5050W30-W24-10	60	10	100mm@24v	24v	12	>90	940	78	10	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-CS2835W30-W24-10	60	10	100mm@24v	24v	12.5	>90	1090	87	10	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-CS2835W30-W24-15	60	10	100mm@24v	24v	10.5	>90	1090	87	15	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-CS2835W30-W24-20	60	12	100mm@24v	24v	8.5	>90	768	90	20	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-CS2835W30-W24-10	120	10	50mm@24v	24v	12	>90	1080	90	10	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-CS2835W30-W24-15	120	10	50mm@24v	24v	10	>90	910	91	15	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-CS2835W30-W24-15	120	12	100mm@24v	24v	12	>90	1140	95	15	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-CS5050W30-W24-15 Warm White	60	12	100mm@24v	24v	11	/	550	50	15	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-CS5050W30-W24-15 Cool White	60	12	100mm@24v	24v	11	>80	740	67	15	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-CS5050W30-W24-15 RGB	60	15	100mm@24v	24v	12	>80	750	68	15	IP20/IP52/IP65/IP67
LM70-CS2835W30-W24-5	70	10	100mm@24v	24v	12	>90	1218	101	5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM112-CS2835W30-W24-5	112	10	62.5mm@24v	24v	19.2	>90	1948	101	5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM70-CS5630W30-W24-5	70	12	100mm@24v	24v	14.4	>80	1940	134	5	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-CS2835W30-W24-25	60	10	100mm@24v	24v	4.8	>90	480	100	25	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM60-CS2835W30-W24-20	60	10	100mm@24v	24v	7.2	>90	700	97	20	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM70-CS2835W30-W24-18	70	10	100mm@24v	24v	4.8	>90	560	116	18	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM70-CS2835W30-W24-14	70	10	100mm@24v	24v	7.2	>90	820	113	14	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-CS2835W30-W24-17	120	10	50mm@24v	24v	9.6	>90	960	100	17	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM120-CS2835W30-W24-13	120	10	50mm@24v	24v	14.4	>90	1400	97	13	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM140-CS2835W30-W24-12	140	10	50mm@24v	24v	9.6	>90	1120	116	12	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM140-CS2835W30-W24-9	140	10	50mm@24v	24v	14.4	>90	1638	113	9	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM180-CS2835W30-W24-12	180	10	100mm@24v	24v	14.4	>90	1440	100	12	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM240-CS2835W30-W24-9	240	10	100mm@24v	24v	19.2	>90	1920	100	9	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM90-CS3528W30-W36-30	90	12	100mm@36v	36v	7.2	>90	596	82	30	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM90-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.



CLASSICAL HIGH-EFFICIENCY SERIES

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.



HIGH-EFFICIENCY SERIES

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.

2700k3000k4000k6000k

CRI>80

5 YEARS

One Bin

Dimmable

120° Beam angle

Cuttable

5m/Reel

50000 hours Lifetime

LM80 Compliant

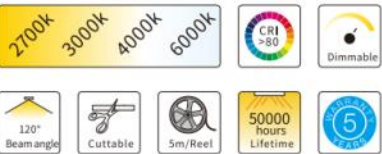
PRODUCT PARAMETER

Model	LEDs/m	PCBWidth (mm)	CuttingLength (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (lm/w) @3000K	IP rate
LM64-HS2835W30-W24-CV 	64	10	125mm@24v	24v	9.6	>80	1536	160	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM64-XHS2835W30-W24-CV	64	10	125mm@24v	24v	9.6	>80	1728	180	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM80-HS2835W30-W24-CV	80	10	100mm@24v	24v	12	>80	1920	160	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM80-XHS2835W30-W24-CV	80	10	100mm@24v	24v	12	>80	2160	180	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM128-HS2835W30-W24-CV	128	10	62.5mm@24v	24v	18	>80	2880	160	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM128-XHS2835W30-W24-CV	128	10	62.5mm@24v	24v	18	>80	3240	180	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM160-HS2835W30-W24-CV 	160	10	50mm@24v	24v	21	>80	3360	160	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68
LM160-XHS2835W30-W24-CV	160	10	50mm@24v	24v	21	>80	3780	180	IP20/IP52/IP65/IP65H/IP65E/IP67/IP67E/IP68

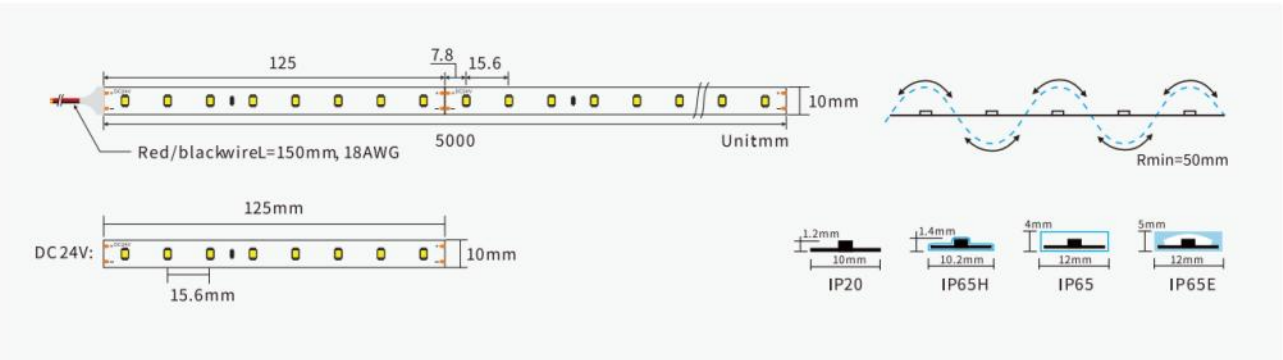
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

Hi-Efficiency 2835SMD 64LEDs 24V

- High brightness SMD2835, up to 160LM/W
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- Appropriate for projects with high energy efficiency requirements.



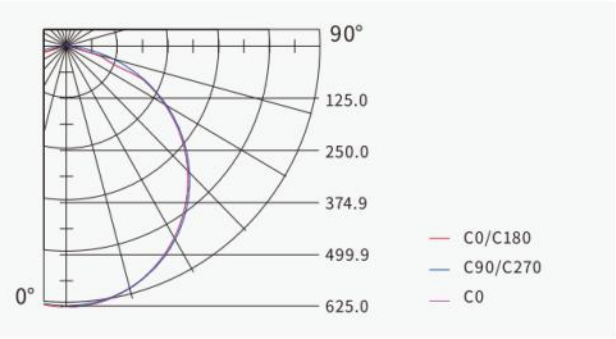
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	64LEDs/m, 20.8mm pitch
Step LEDs	8LED
Step length	125mm
Power(W)	9.6Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.4A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB+6000K)



PRODUCT PHOTOMETRICS (The data base on IP20)

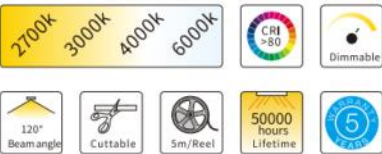
CCT (K)	CRI	Lumen(lm/m)	Efficacy(lm/w)
2700±100	80	1488.00	155
3000±100	80	1536.00	160
4000±200	80	1603.20	167
6500±300	80	1603.20	167

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

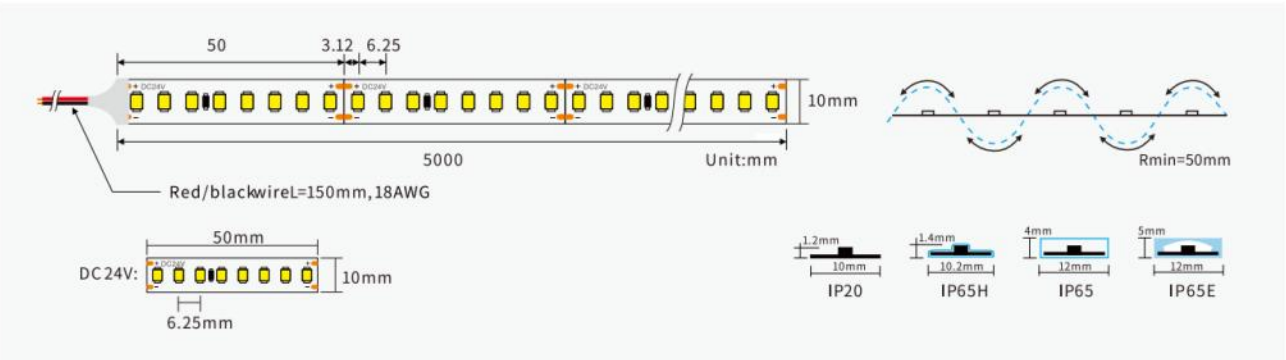
Order code: LM64-HS2835W30-W24-CV-IP20 — IP20/IP65H/IP65/IP65E
CCT: W27/W30/W40/W66

Hi-Efficiency 2835SMD 160LEDs 24V

- High brightness SMD2835, up to 160LM/W
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- Appropriate for projects with high energy efficiency requirements.



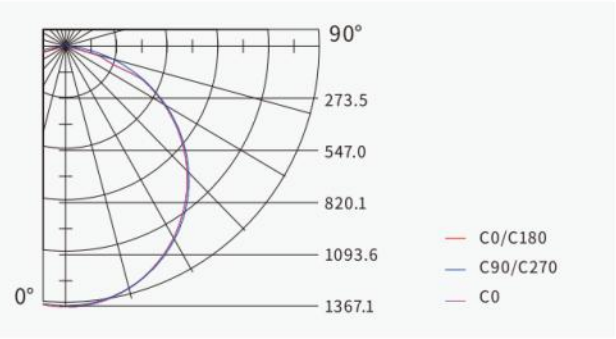
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	160LEDs/m, 20.8mm pitch
Step LEDs	8LED
Step length	50mm
Power(W)	21Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.87A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB+6000K)



PRODUCT PHOTOMETRICS (The data base on IP20)

CCT (K)	CRI	Lumen(lm/m)	Efficacy(lm/w)
2700±100	80	3255.00	155
3000±100	80	3360.00	160
4000±200	80	3507.00	167
6500±300	80	3507.00	167

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LM160-H2835W30-W24-CV-IP20 — IP20/IP65H/IP65/IP65E
CCT: W27/W30/W40/W66

SPECIAL LED Strip

Special series are LED strips for specific purposes. It contains Narrow LED Strips, Dim To Warm LED Strips, Side Emitting LED Strips, S Shape LED Strips, Mini Cutting LED Strips, Special Beam Angle LED strips and Sauna room led strip.

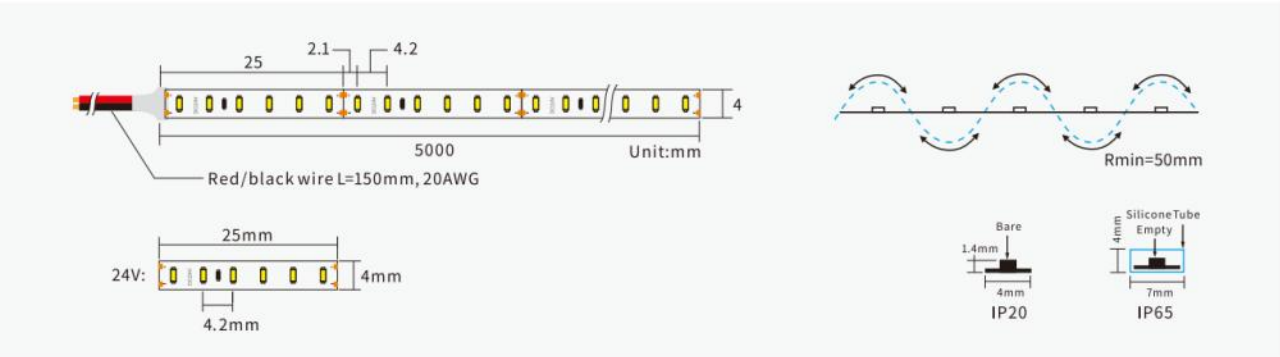


NARROW 2010SMD 240LEDs 24V 4mm

- 2010 LED with broader luminous surface
- Self-encapsulated design offers optional 2400-6000K
- Eight white color temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



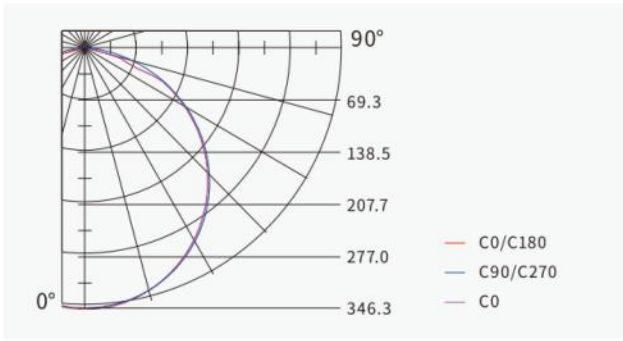
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx4mmx1.4mm
Chip density	240LEDs/m, 4.2mm pitch
Step LEDs	6LED
Step length	25mm
Power(W)	10Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.42A
Copperfoil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>95 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI>90)

CCT (K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2400±100	720.00	72.00	91.47	76.83	90.81	101.82
2700±100	816.00	81.60	91.33	78.86	92.80	100.81
3000±100	912.00	91.20	92.65	84.93	90.80	103.96
4000±200	888.00	88.80	93.42	85.95	90.95	100.00
6000±300	984.00	98.40	92.52	90.95	91.96	101.89

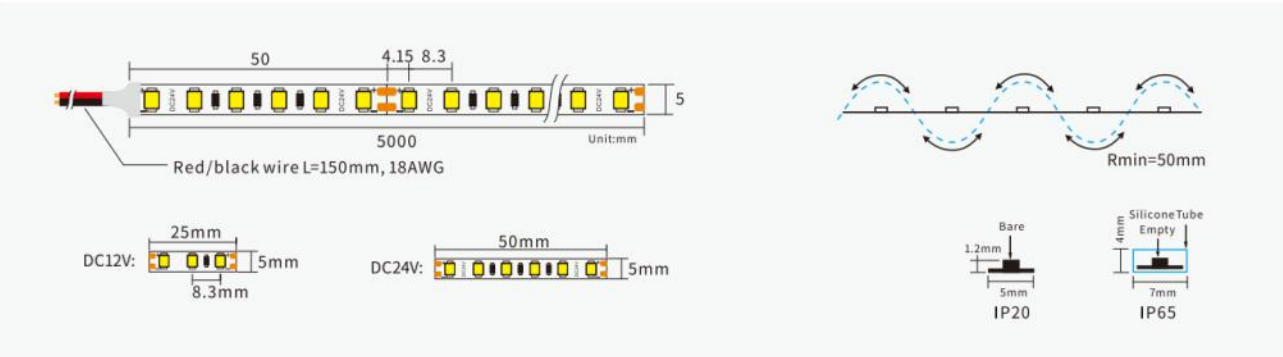
Order code: LM240-S2010W30-W24-IP20 — IP20/IP65
CCT:W24/W27/W30/W40/W60

NARROW 2835SMD 120LEDs 12V/24V 5mm

- 2835 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



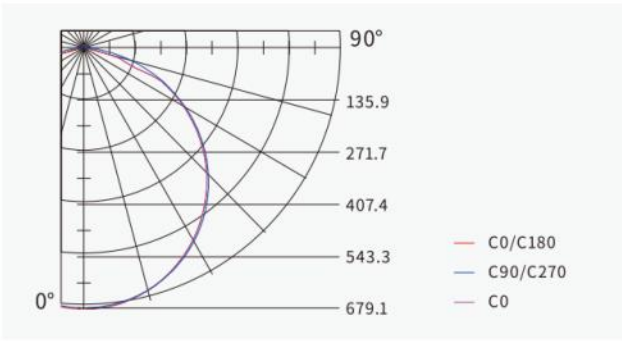
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx5mmx1.2mm
Chip density	120LEDs/m, 8.3mm pitch
Step LEDs	6LED(24V)/3LED(12V)
Step length	50mm(24V)/25mm(12V)
Power(W)	14.4Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.6A(24V)/1.2A(12V)
Copperfoil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>90 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT (K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2100±100	1353.02 1404.14	70.47 97.51	91.29 81.67	69.80 7.20	90.97 81.09	101.81 90.16
2400±100	1516.03 1512.00	78.96 105.00	90.90 81.09	76.95 5.08	90.92 83.15	101.82 92.03
2700±100	1650.43 1584.00	85.96 110.00	90.32 82.04	78.83 8.18	92.80 82.18	100.80 96.15
3000±100	1719.94 1656.00	89.58 115.00	92.88 82.26	84.99 6.13	90.98 81.08	103.99 92.20
4000±200	1899.46 1692.00	98.93 117.50	95.53 82.68	85.84 5.08	90.80 78.06	99.95 95.14
6000±300	1930.56 1713.60	100.55 119.00	93.48 82.18	98.90 6.02	91.88 86.10	101.83 96.11

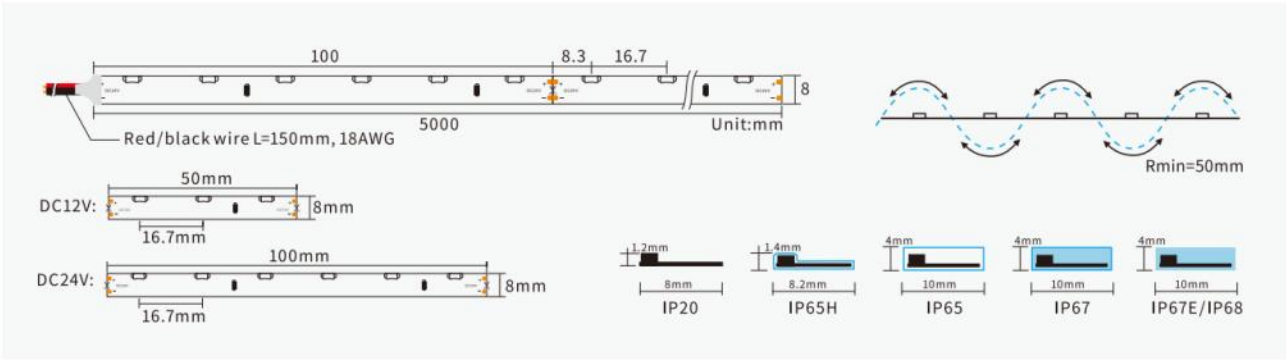
Note: Wave length Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CT can be realized according to specific requirements.
Order code: LM120-S2835W30-W24-IP20 — IP20/IP65
CCT:W21/W24/W27/W30/W40/W60 — Voltage:W12/W24

SIDE EMITTING 3014SMD 60LEDs 12V/24V

- 3014 LED with broader luminous surface
- Self-encapsulated design offers optional 2700-6000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



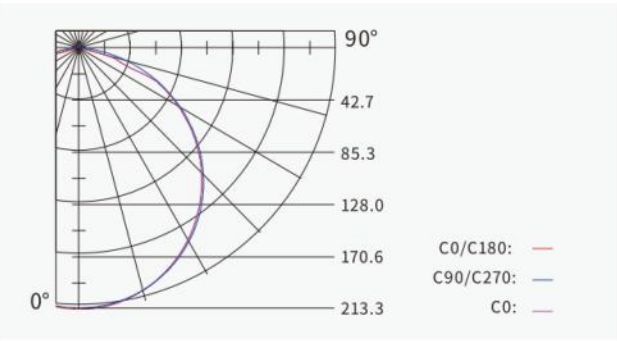
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx8mmx2mm
Chip density	60LEDs/m, 16.7mm pitch
Step LEDs	6LED(24V)/3LED(12V)
Step length	100mm(24V)/50mm(12V)
Power(W)	6Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.25A(24V)/0.5A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>80 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI>80)

CCT (K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2700±100	455.16	75.86	76.10	2.84	82.90	95.85
3000±100	487.62	81.27	77.81	7.85	83.84	96.90
4000±200	487.56	81.26	79.19	15.82	84.99	95.94
6000±300	515.28	85.88	80.61	19.87	93.87	96.83

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

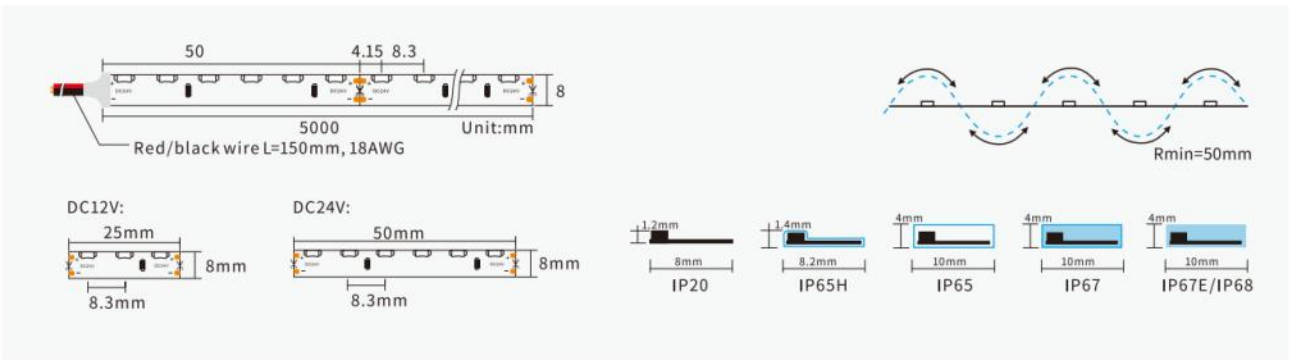
Order code: LM60-ES3014W30-W24-IP20 — IP20/IP65H/IP65/IP67/IP67E/IP68
CCT:W27/W30/W40/W60 — Voltage:W12/W24

SIDE EMITTING 3014SMD 120LEDs 12V/24V

- 3014 LED with broader luminous surface
- Self-encapsulated design offers optional 2700-6000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



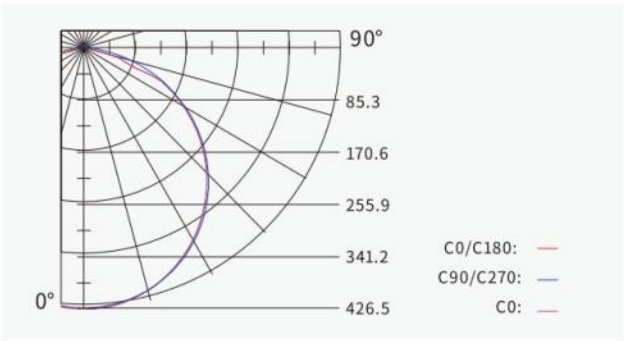
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx8mmx2mm
Chip density	120LEDs/m, 8.3mm pitch
Step LEDs	6LED(24V)/3LED(12V)
Step length	50mm(24V)/25mm(12V)
Power(W)	12Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.5A(24V)/1A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>80 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI>80)

CCT (K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2700±100	906.84	75.57	76.83	2.60	82.80	95.80
3000±100	980.64	81.72	78.46	7.99	83.98	96.82
4000±200	990.60	82.55	79.85	15.83	84.92	95.95
6000±300	1041.72	86.81	80.16	19.93	93.86	96.85

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LM120-ES3014W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
CCT:W27/W30/W40/W60 — Voltage:W12/W24

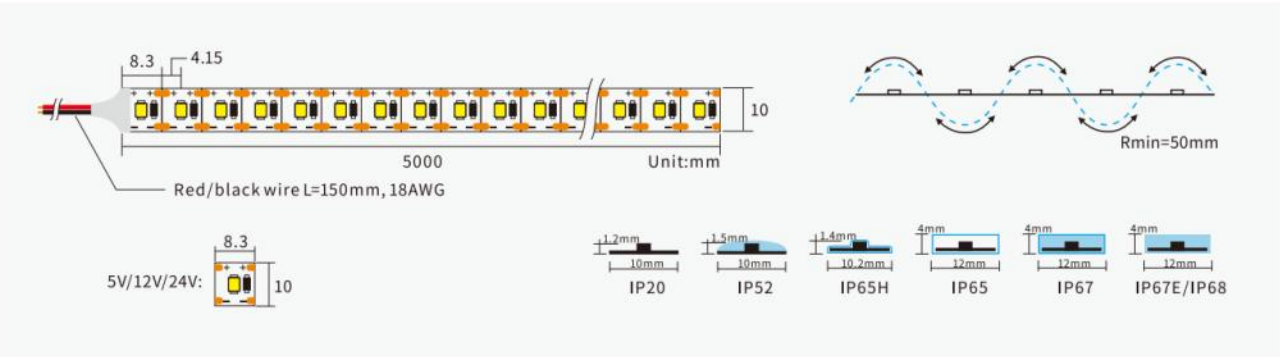
MINI CUTTING

2835SMD 120LEDs 5V/12V/24V 8.3mm/cut

- 2835LEDwithbroaderluminous surface
- Self-encapsulated design offers optional 1800-10000K
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



DIMENSIONS & WATERPROOF

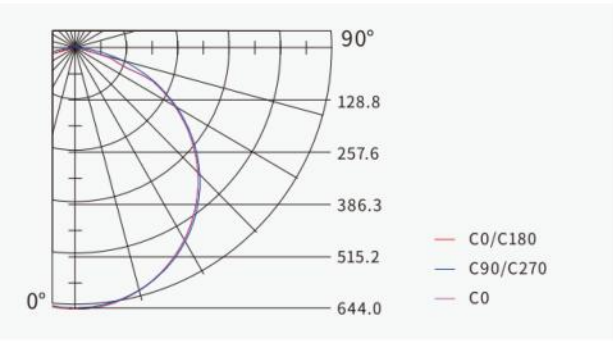


PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	120LEDs/m, 8.3mm pitch
Step LEDs	1LED
Step length	8.3mm
Power (W)	19/14/12Watt/meter
Voltage (V)	DC24V/DC12V/DC5V
Current (A/m)	0.79A(24V)/1.16A(12V)/2.4A(5V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE

(Base on IP20 CRI>90 19W 6000K)



PRODUCT PHOTOMETRICS

(The data base on IP20 24V CRI>90 19W)

CCT (K)	Lumen(lm/m) CRI>90 CRI>80	Efficacy(lm/w) CRI>90 CRI>80	CRI CRI>90 CRI>80	R9 CRI>90 CRI>80	Rf(Fidelity) CRI>90 CRI>80	Rg(Gamut) CRI>90 CRI>80
2100±100	1348.24 1500.24	70.96 78.96	91.38 81.02	72.89 11.09	88.98 78.15	100.80 90.15
2400±100	1385.67 1800.25	72.93 94.75	91.95 82.07	74.88 14.03	90.00 83.07	101.84 92.15
2700±100	1460.53 2070.05	76.87 108.95	90.81 81.57	76.86 15.04	89.84 76.08	101.88 96.14
3000±100	1526.84 2147.95	80.36 113.05	90.52 82.09	79.95 14.09	90.95 86.04	103.88 92.12
4000±200	1579.09 2280.19	83.11 120.01	90.96 82.62	78.89 15.02	88.81 78.08	101.97 95.10
6000±300	1574.72 2300.14	82.88 121.06	90.40 81.53	77.91 15.12	89.86 86.08	103.00 96.06

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LM120-OS2835W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
CCT:W21/W24/W27/W30/W40/W60 — Voltage:W5/W12/W24

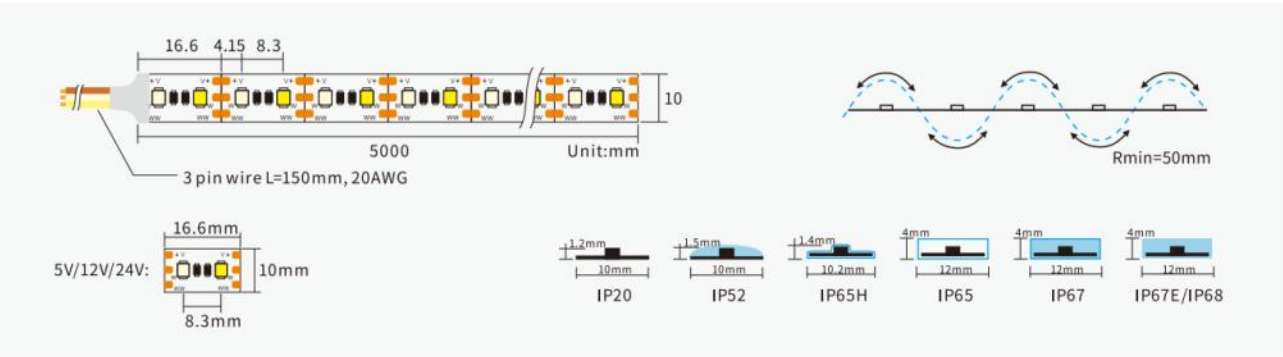
MINI CUTTING TW

2835SMD 120LEDs 5V/12V/24V 16.6mm/cut

- 2835LEDwithbroaderluminous surface
- Self-encapsulated design offers optional 1800-10000K
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



DIMENSIONS & WATERPROOF

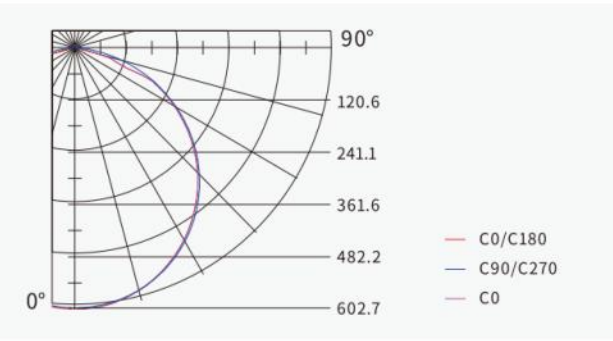


PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	120LEDs/m, 8.3mm pitch
Step LEDs	2LEDs
Step length	16.6mm
Power (W)	19W/14W/12W/meter
Voltage (V)	DC24V/DC12V/DC5V
Current (A/m)	0.79A(24V)/1.16A(12V)/2.4A(5V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE

(Base on IP20 24V 19W CRI>90 6000K)



PRODUCT PHOTOMETRICS

(The data base on IP20 24V CRI>90)

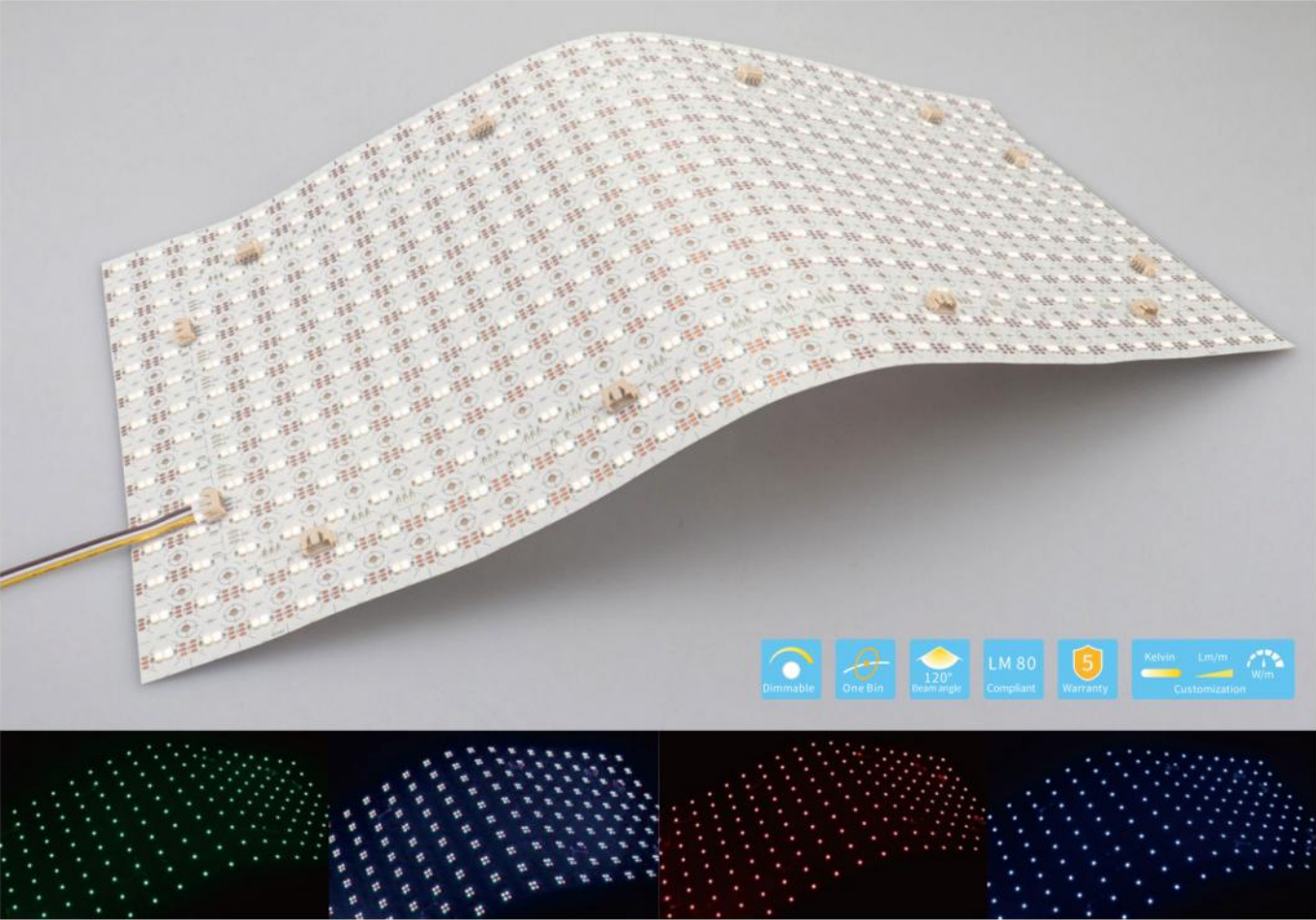
CCT (K)	Lumen(lm/m) CRI>90 CRI>80	Efficacy(lm/w) CRI>90 CRI>80	CRI CRI>90 CRI>80	R9 CRI>90 CRI>80	Rf(Fidelity) CRI>90 CRI>80	Rg(Gamut) CRI>90 CRI>80
2700±100	760.00 1026.17	80.00 108.14	90.32 81.51	76.81 15.01	90.00 76.10	101.33 96.15
6000±400	814.72 1149.13	85.76 121.13	90.26 81.95	77.84 11.11	89.81 82.15	102.37 96.19
2700+6000	1530.83 2188.80	80.57 115.2	90.97 81.31	78.89 14.01	88.84 86.04	100.34 92.08

Order code: LM120-OS2835TW2760-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
CCT:TW2160/TW2460/TW2760/TW3060... — Voltage:W5/W12/W24

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 backlighting 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 SERIES



Single Color	
Power(W)	11W~33W
Voltage(V)	DC24V
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: LM420-LS2835 W30 -W24 -11W
CCT:W27/W30/W40/W65
Power:11W/22W/33W

Product Photometrics				
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



CCT Tunable	
Power(W)	22W~66W
Voltage(V)	DC24V
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: LM840-LS2835 TW2765 -W24 -22W
CCT:TW27/TW65/TW2765
Power:22W/44W/66W

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.

Product Photometrics				
CRI	CCT	lm/Sheet	w/Sheet	lm/w
>90	2700K(ONLY)	1012	22	92
	6500K(ONLY)	1078	22	98
	2700K+6500K	2090	22	95
	2700K(ONLY)	2024	44	92
	6500K(ONLY)	2156	44	98
	2700K+6500K	4180	44	95
	2700K (ONLY)	3036	66	92
	6500K (ONLY)	3234	66	98
	2700K+6500K	6270	66	95



RGBW	
Power(W)	11W~33W
Voltage(V)	DC24V
Size(mm)	503.5 x 235 (480X240)
LED Type	SMD2835
LED QTY (Sheet)	800LEDs
LED Segment (Seg)	4LED
Ambient temperature	-25°C~+45°C
Storage Temperature	-25°C~+60°C

Order code: LM800-LS2835 RGBW -W24 -11W
Power:11W/22W/33W

Product Photometrics				
CRI	CCT	lm/Sheet	w/Sheet	lm/w
>90	R	55	11	20
	G	217	11	79
	B	91	11	33
	W	248	11	90
	RGBW	151	11	55
	R	110	22	20
	G	435	22	79
	B	182	22	33
	W	495	22	90
	RGBW	303	22	55
	R	168	33	20
	G	652	33	79
	B	272	33	33
	W	743	33	90
	RGBW	454	33	55

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: LM-V1-L Voltage: DC12V~DC48V Current: <15A@DC12/24V 10A@DC36/48V Power: 180W~480W Size: 175x45x27mm	 Type: Touch Pad Remote Model: LM-T11(T11-K) Voltage: AC100~240V Power: <1W Size: 86x86x33(49)mm	 Type: Hand-held Remote Model: LM-RT1 Battery: AAA*2pcs Current: 5mA Size: 122x53x17.5mm
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Tunable White Controller

 Type: Controller Model: LM-V2-L Voltage: DC12~48V Current: 2*8A Power: <2*(96~384W) Size: 170x50x23mm	 Type: Touch Pad Remote Model: LM-T12(T12-K) Voltage: AC100~240V Power: <1W Size: 86x86x33(49)mm	 Type: Hand-held Remote Model: LM-RT2 Battery: AAA*2pcs Current: 5mA Size: 122x53x17.5mm
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RGB Controller

 Type: Controller Model: LM-V3-L Voltage: DC12~48V Current: 3*6A Power: <3*(72~288W) Size: 175x45x27mm	 Type: Touch Pad Remote Model: LM-T13(T13-K) Voltage: AC100~240V Power: <1W Size: 86x86x33(49)mm	 Type: Hand-held Remote Model: LM-RT4(RT9) Battery: AAA*2pcs Current: 5mA Size: 122x53x17.5mm
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RGBW Controller

 Type: Controller Model: LM-V4 Voltage: DC12~48V Current: 4*5A Power: 4*(60~240)W Size: 175x45x23mm	 Type: Touch Pad Remote Model: LM-T14 Voltage: AC100~240V Power: <1W Size: 86x86x33mm	 Type: Hand-held Remote Model: LM-RT4(RT9) Battery: AAA*2pcs Current: 5mA Size: 122x53x17.5mm
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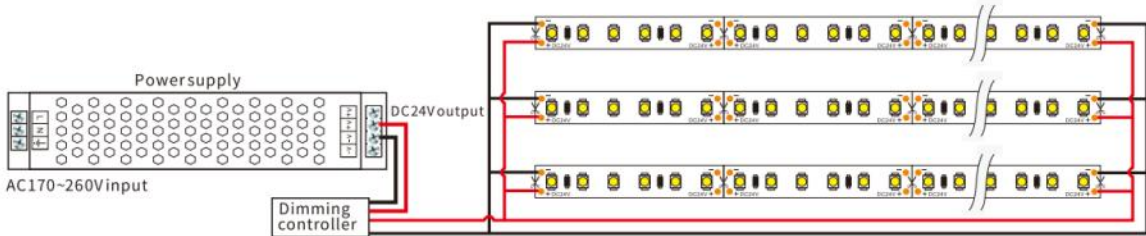
Amplifier

 Model: LM-EV1-S Voltage: DC12V~24V Current: 1*15A Power: 24~360W Size: 175x45x27mm	 Model: LM-EV2 Voltage: DC12V~36V Current: 2*8A Power: 12V<192, 24V<384W, 36V<576W Size: 175x45x27mm	 Model: LM-EV3 Voltage: DC12V~36V Current: 3*6A Power: 12V<216, 24V<432W, 36V<648W Size: 175x45x27mm	 Model: LM-EV4 Voltage: DC12V~36V Current: 4*5A Power: 12V<240W, 24V<480W, 36V<720W Size: 175x45x27mm
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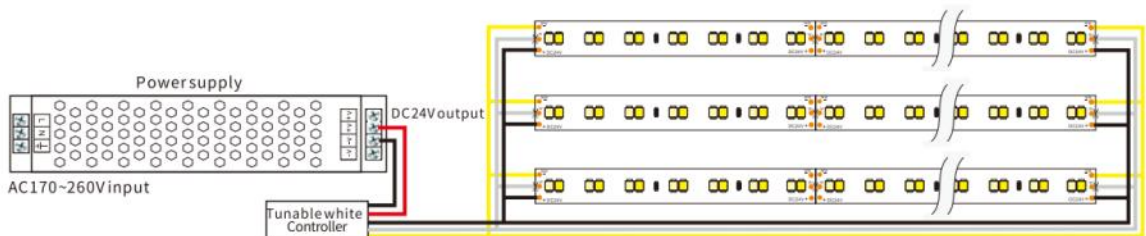
CONNECTION DIAGRAM



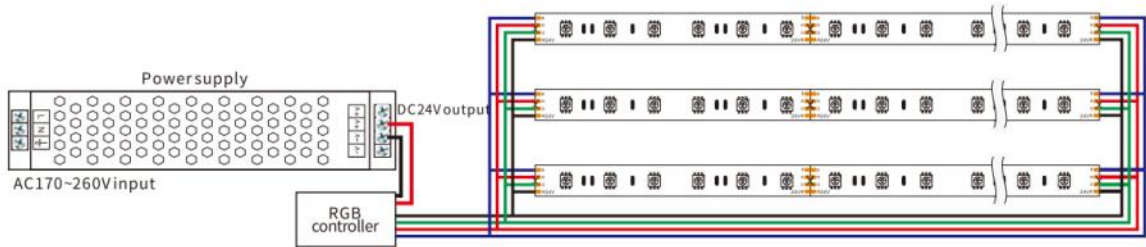
Single Color Strip (1 channel controller, SMD3528, 180LEDs, 24V, item NO.: LY180-S3528W-W24)



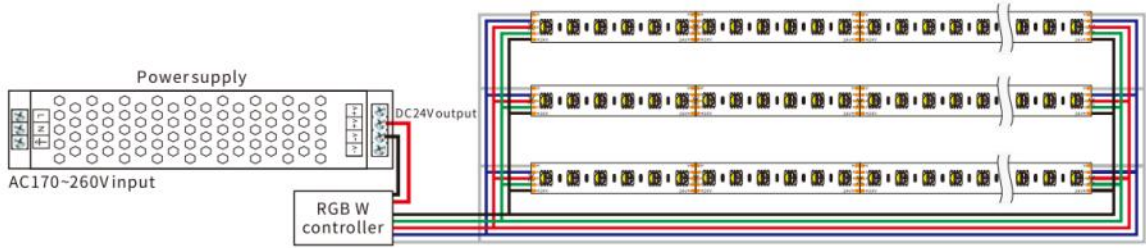
Tunable White Strip (2 channels controller, SMD2835, 112LEDS, 24V, Item NO.: LY112-S2835TW-W24)



RGB Color Strip (3 channels controller, SMD5050, 60LEDs, 24V, item NO.: LY60-S5050RGB-W24)



RGBW Color Strip (4 channels controller, SMD5050 4 in 1 LED, 96LEDs, 24V, item NO.: LY96-LS5050RGBW-W24)



DMX & SPI CONTROLLER

DMX512 Controller



DMXcontroller
Model: LM-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: LM-DSA
Voltage: DC5V~DC24V
Input: DMX512 + RF2.4GHz
Output: SPI (TTL)x3
Interface: XLR-3, RJ45 port
Dimension: 165x70x37mm
Weight(G.W.): 330g

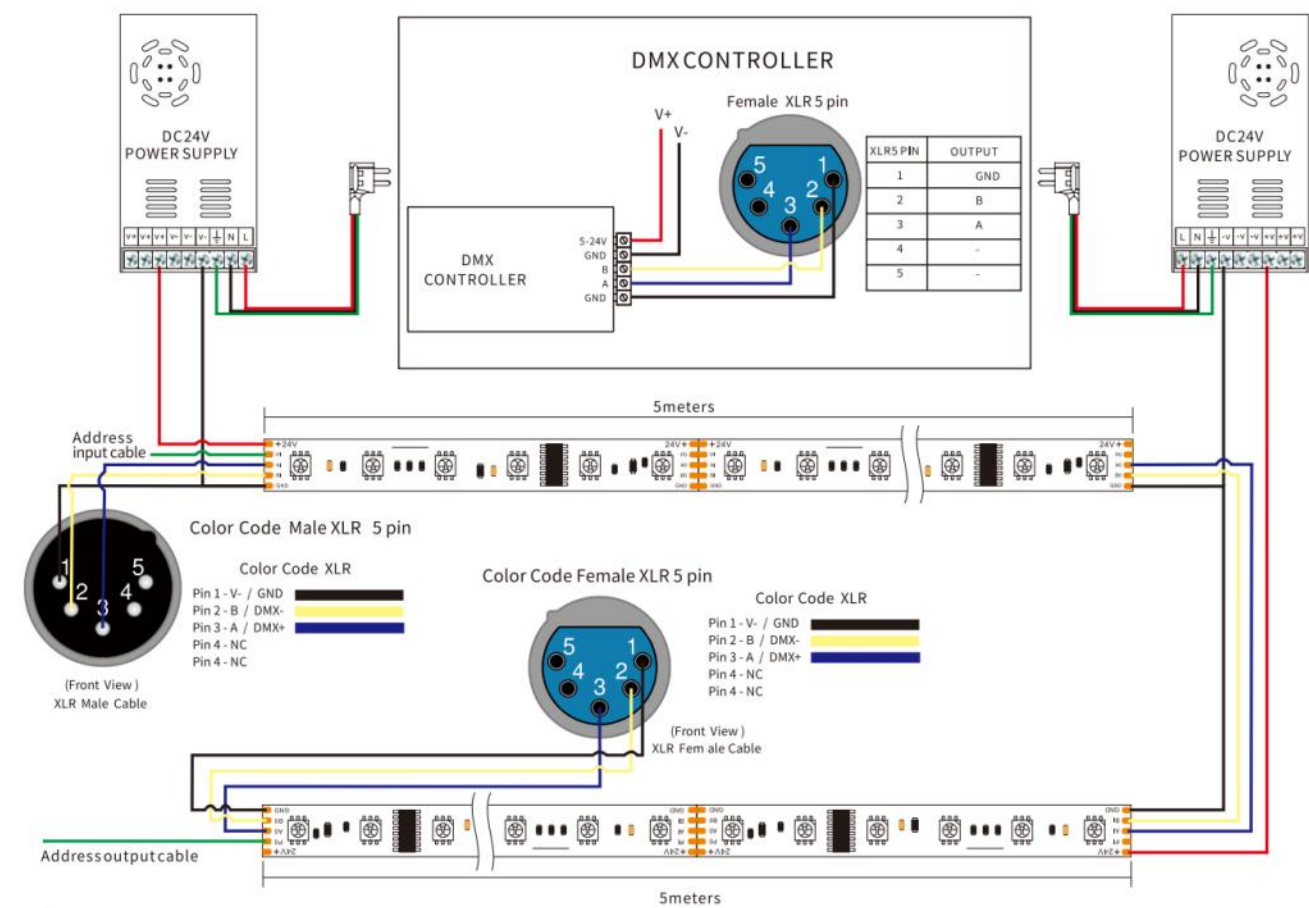
DMX512 Decoder



RGB DMX decoder
Model: LM-D3-XE
Voltage: DC12V~DC36V
Input: DMX512/1990, 30.5A
Output: 10A*3CH
Interface: XLR-3, RJ45 port
Dimension: 165x70x37mm
Weight(G.W.): 330g

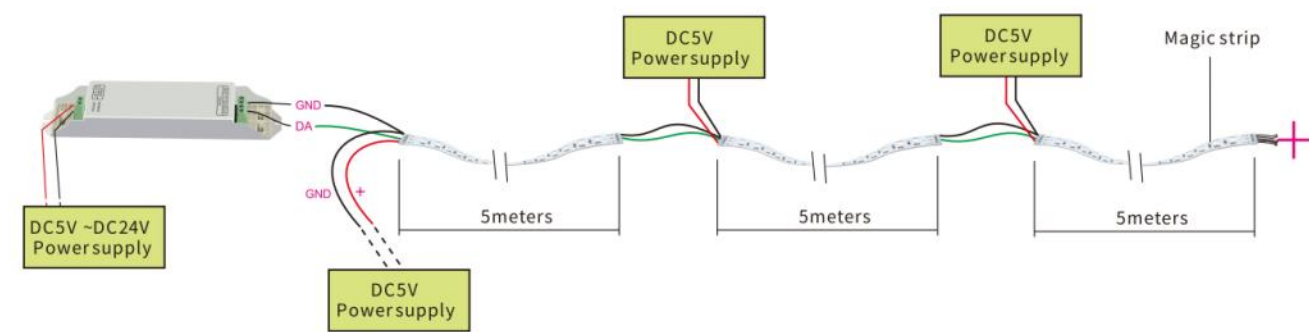
CONNECTION DIAGRAM

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

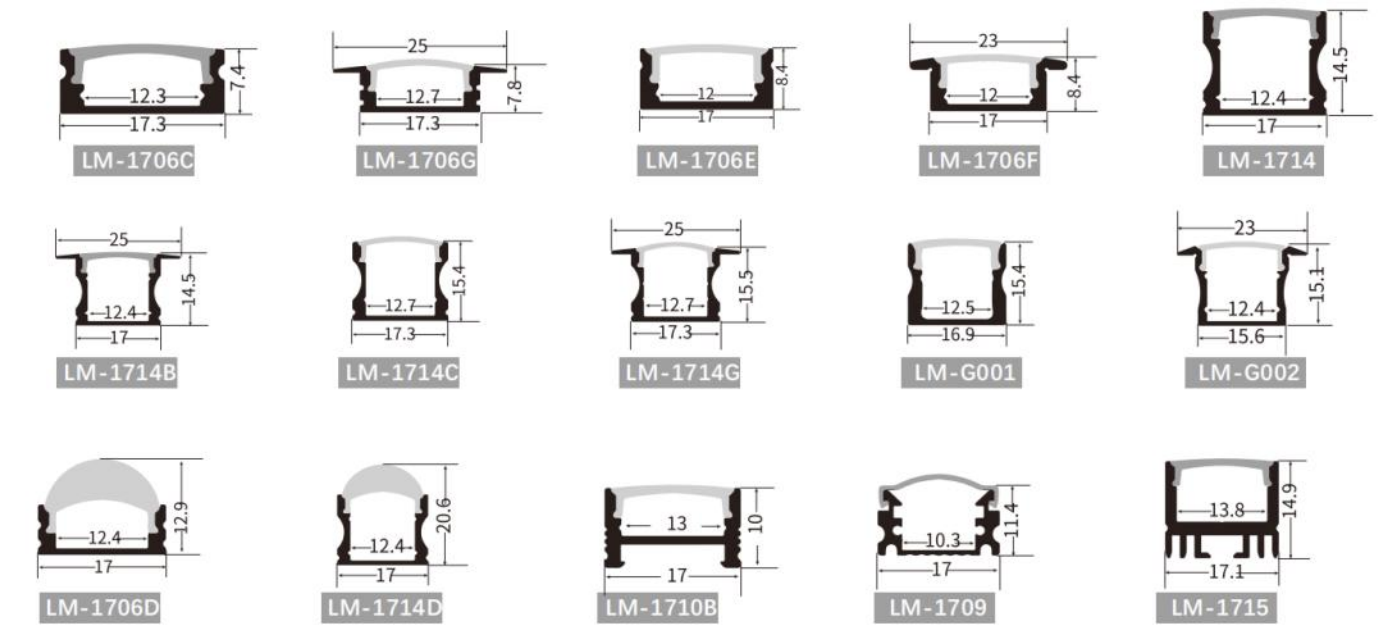
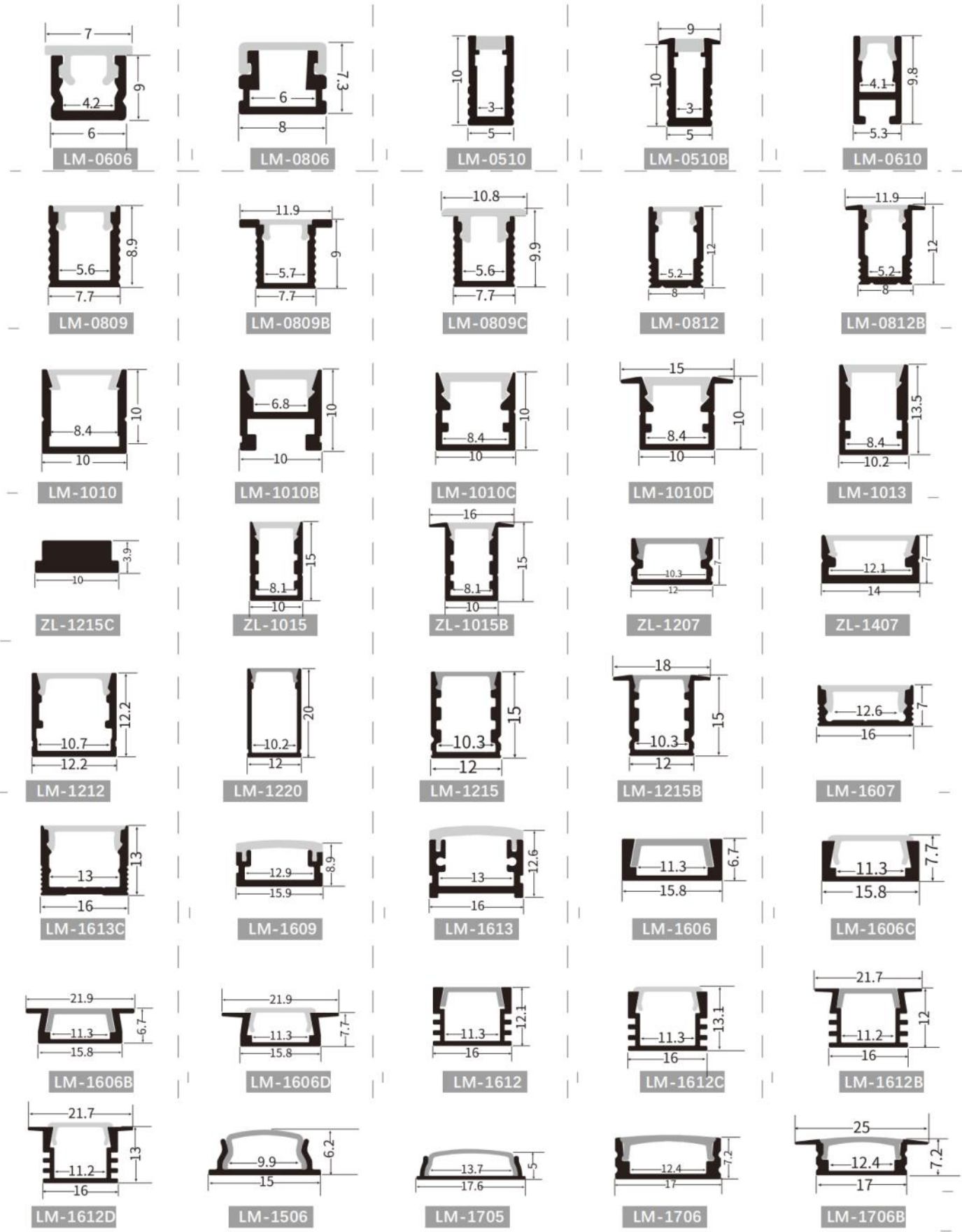
Meanwell HLG Series



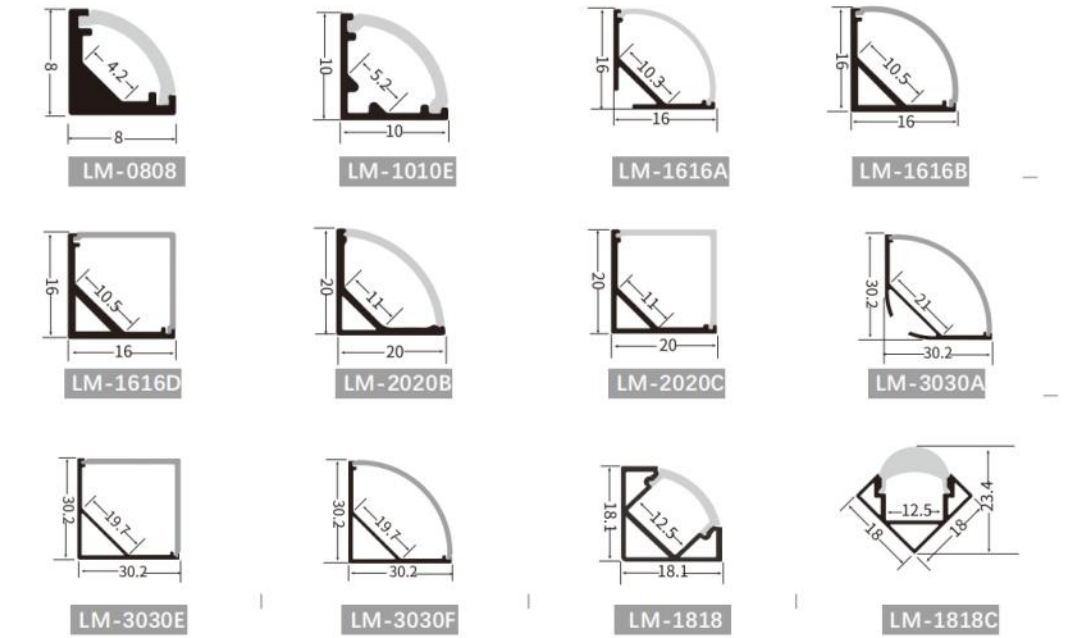
- HLG series
- ◆ 90~305VAC input, built-in active PFC function
 - ◆ 40W~600W reliable output
 - ◆ Metal case, IP67/IP65 design for indoor or outdoor installations,
 - ◆ Output adjustable via potentiometer; 3 in 1 dimming (1~10Vdc or 10V PWM signal or resistance); timer dimming
 - ◆ 7years warranty

ALUMINUM PROFILE

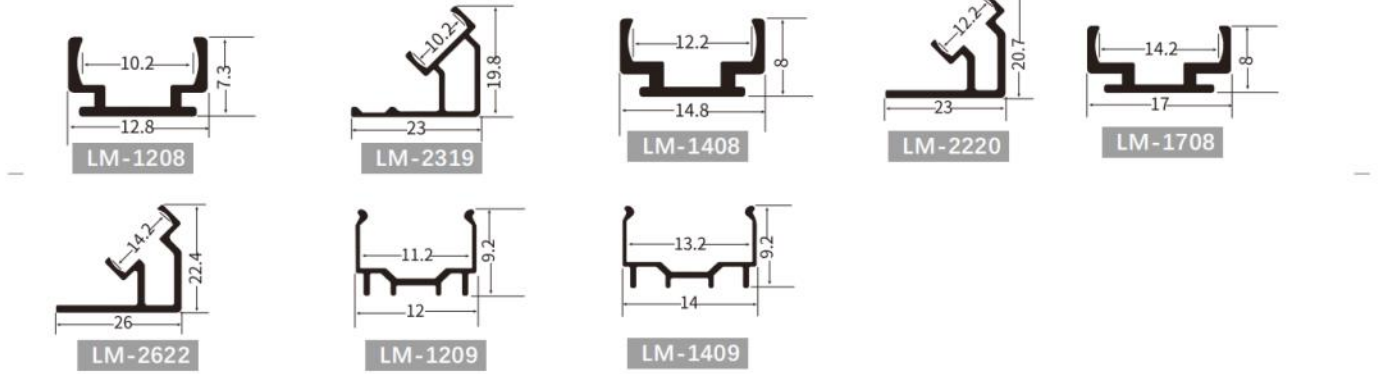
Decoration series



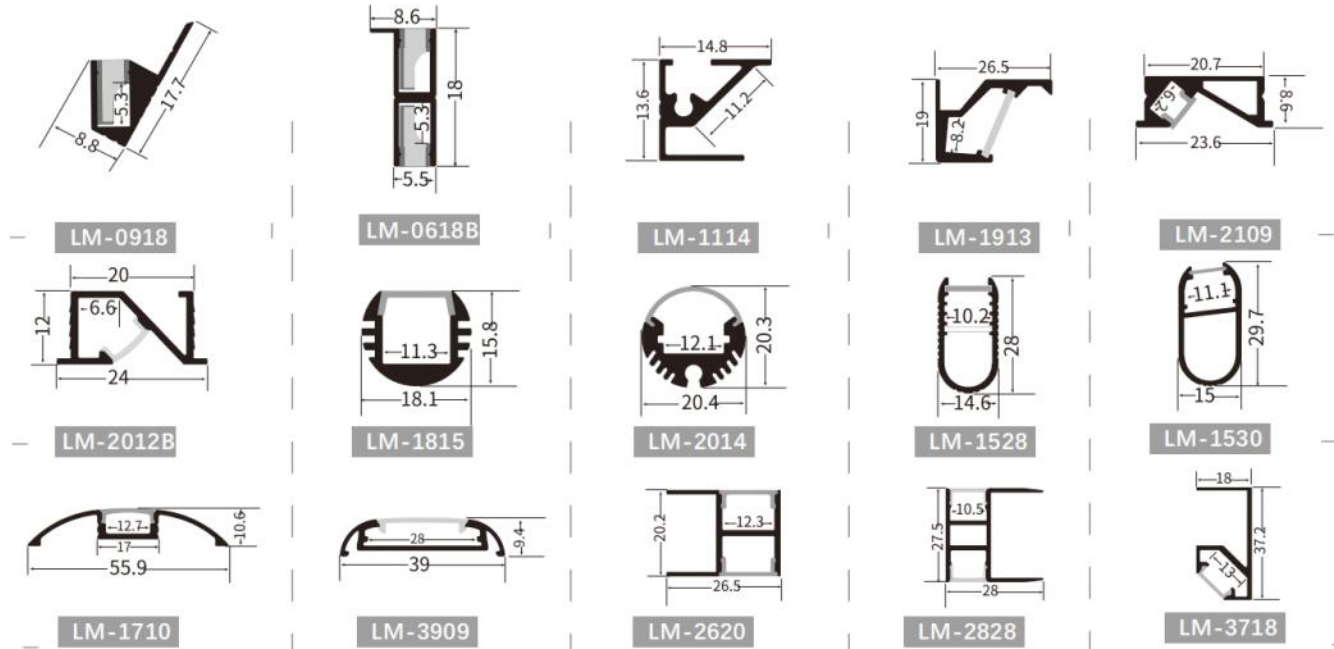
Asymmetrical Series



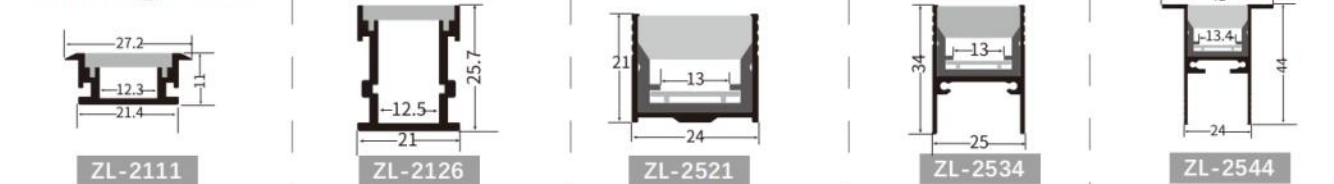
Waterproof LED strip Mounting Kit



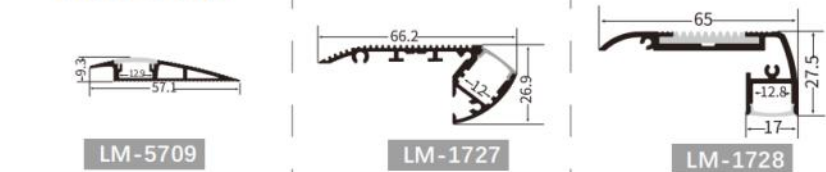
Cabinet series



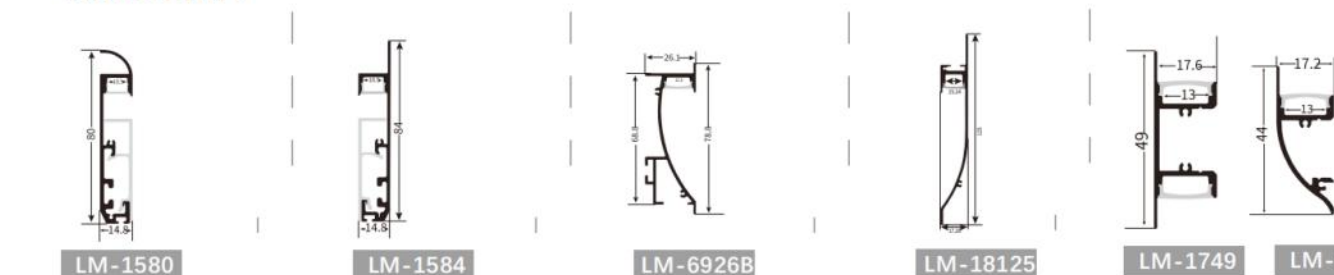
Underground



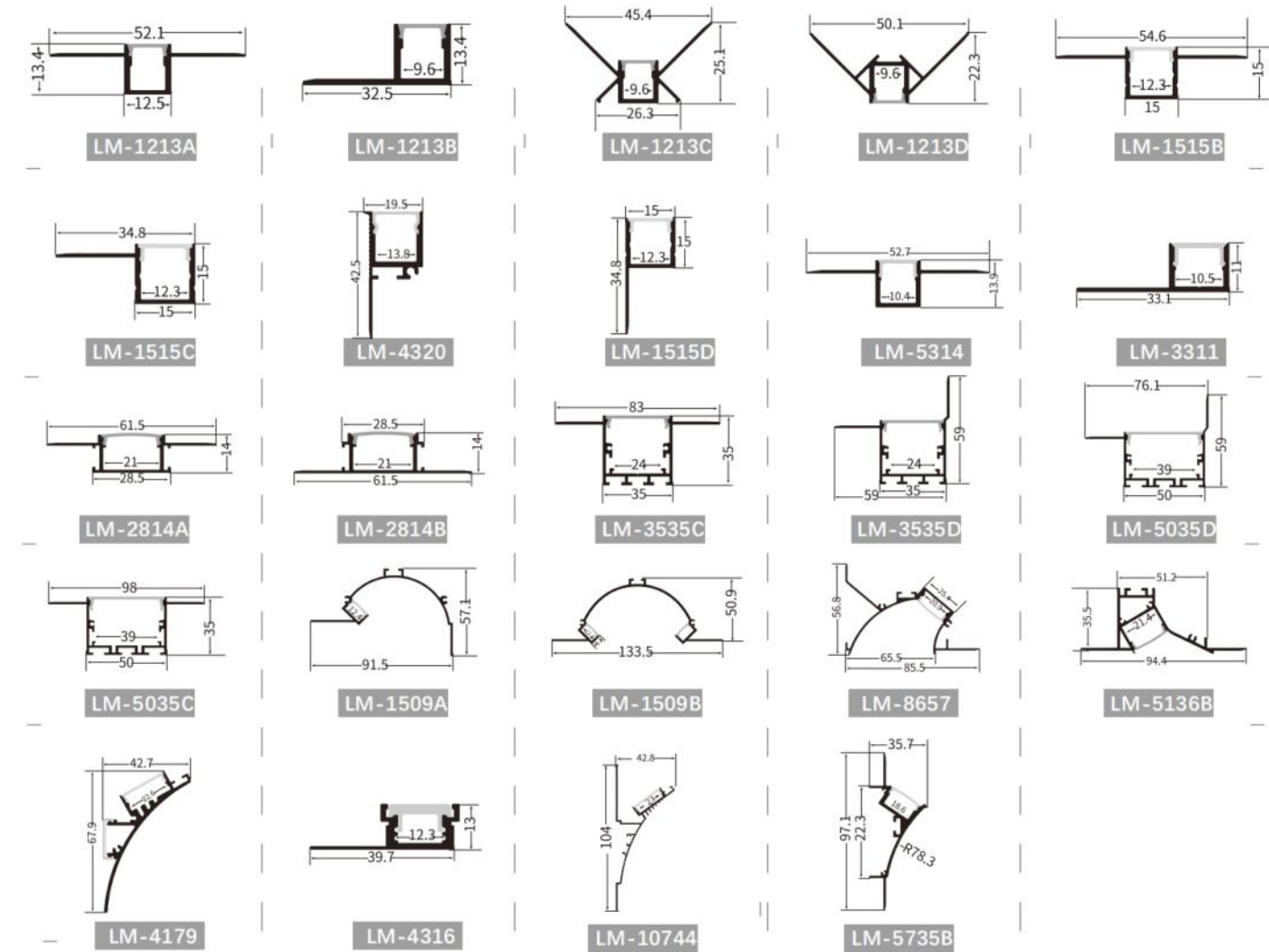
Stair Step



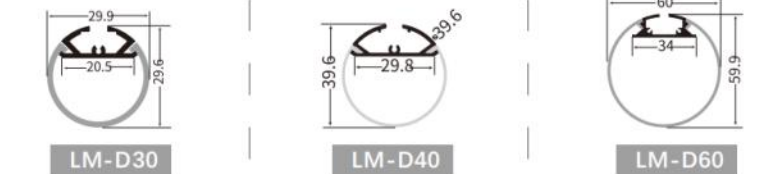
Wall&Skirt



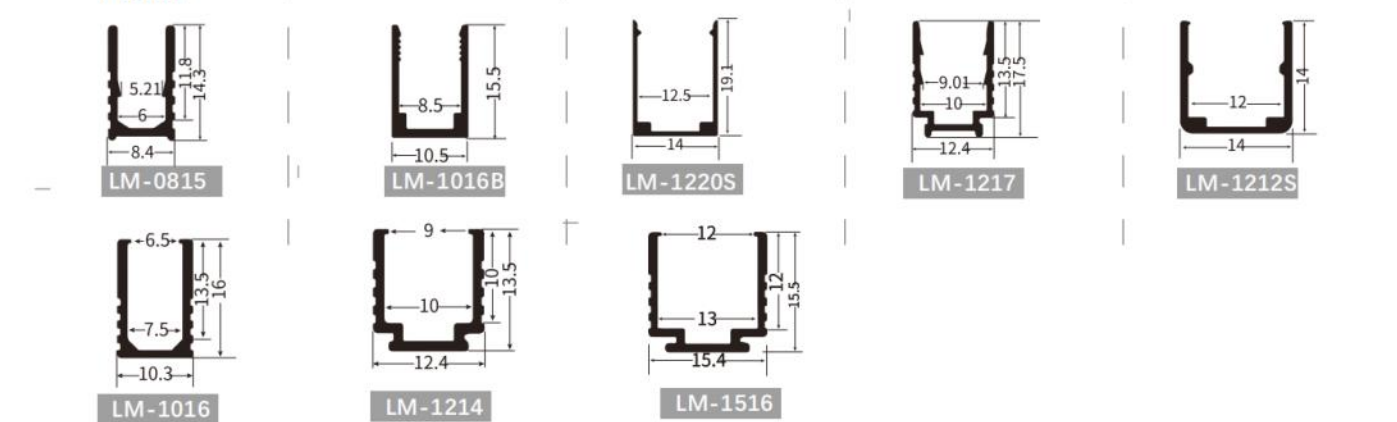
Trimless



Tube

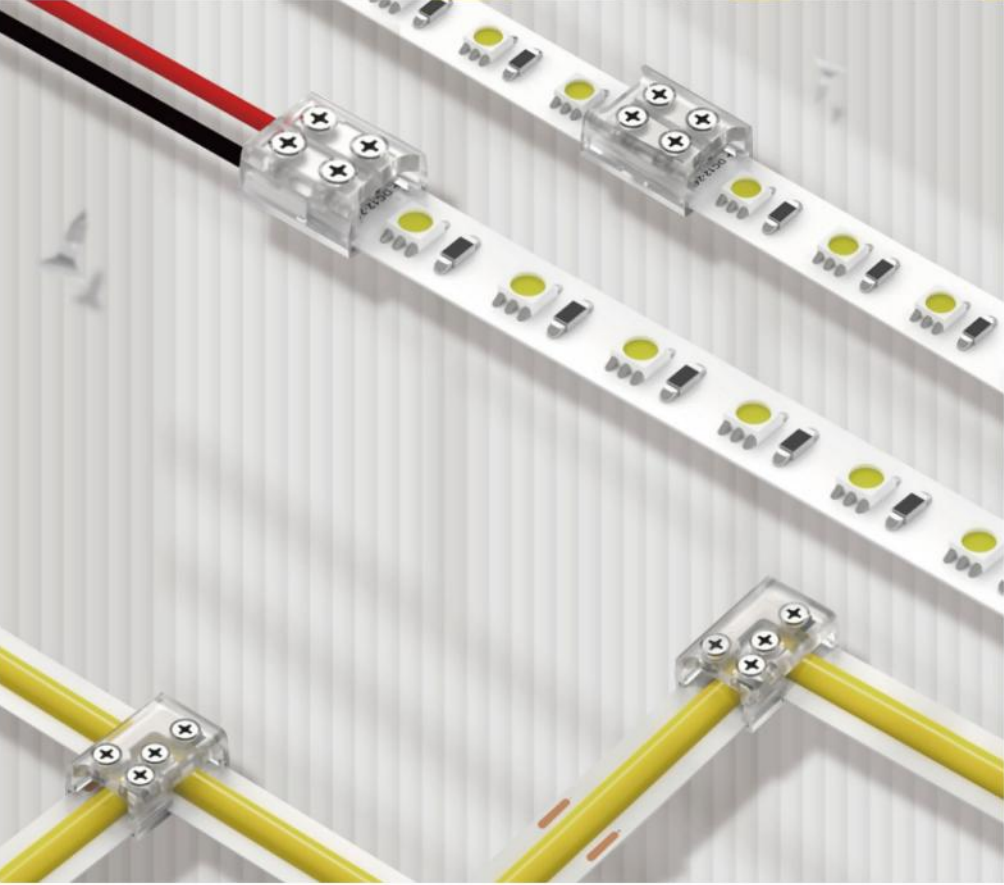
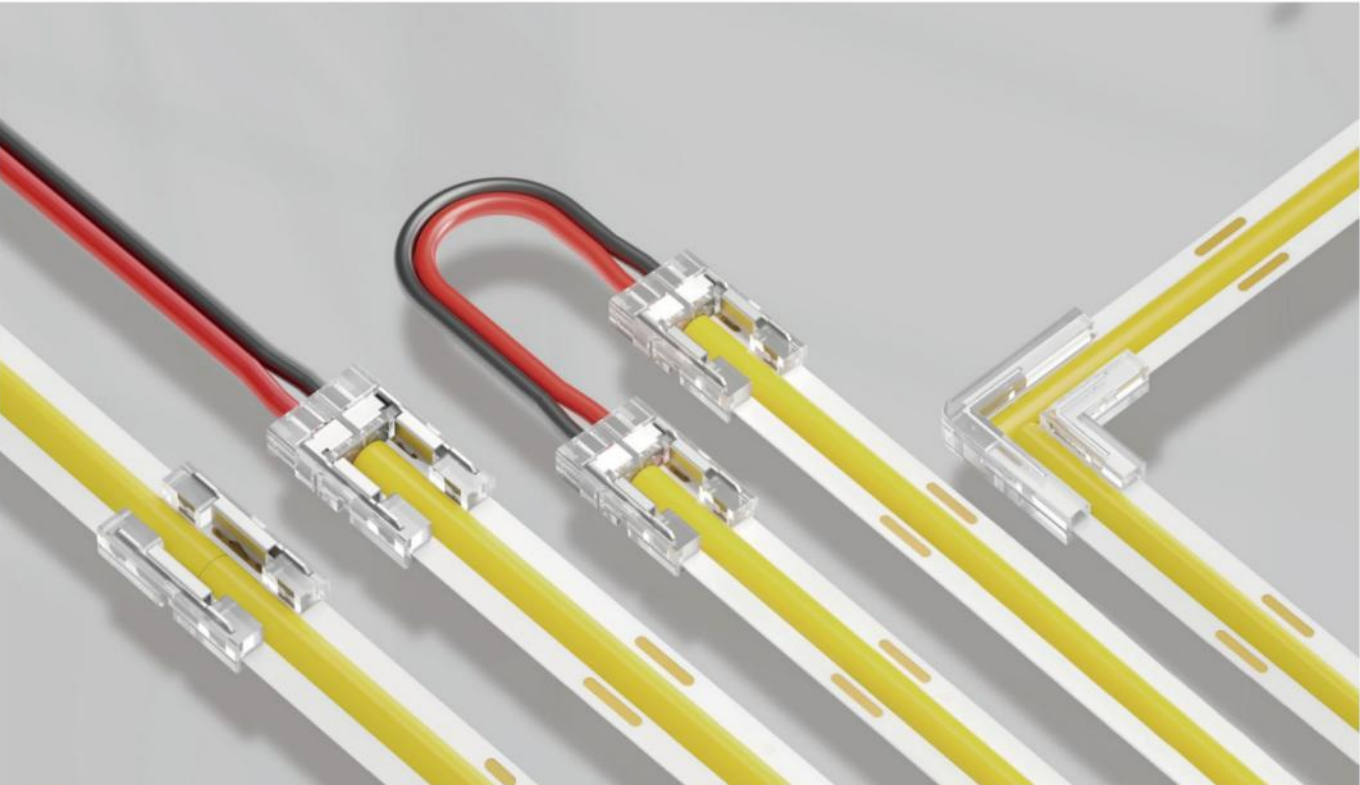


Silicone Neon Profile



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.



Material: Housing Polycarbonate Conductor High Precision Cu
Housing Color: Transparent
Pin Quantity: 2 Pins& T/L Shape
Workable SMD(PART)/COB Strip: Width 8mm, 10mm/Standard IP20 Mono
Workable Wire:22#-18#AWG
Max Current: 6A
Note: For wire connectors, please refer to the maximum rated current of the wire
Certificates: RoHS CE
Application Field : Lighting, Architecture, etc.

LED STRIP ADHESIVE TAPES

Adhesive tape is a crucial component for installing LED strips. Poor-quality double-sided tape can cause the LED strip to fall off after installation. We offer a range of adhesive tapes specifically designed for different LED strip installations, ensuring secure and long-lasting performance.



Adhesive Tape	Picture	Usage Scenarios	Adhesive Thickness Mils (mm)	Adhesion to Stainless Steel
3M200MP		Normal Indoor Use	5.2mils(0.13mm)	7.0N/CM
3M 300MP		Normal Indoor Use	4.8mils(0.13mm)	8.6N/CM
3M9080		Normal Indoor Use	12.8mils(0.32mm)	7.5N/CM
3MVHB5608N		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