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All spec. subject to change
without prior notice due to continuous improvement

QUALITY LIGHT QUALITY LIFE

LEDYI

www.ledyi.com

LEDYI

LINEAR LIGHTING SOLUTIONS

YOUR RELIABLE PARTNER

COMPANY PROFILE

Founded in 2011, LEDYi Lighting specializes in high-quality LED linear lighting. We focus on the R&D, production, and sales of LED strips, LED neon, and related products.

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

WHY CHOOSE LEDYI?

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. 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

15 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 wire layout.

WORLDWIDE CERTIFICATES

All our products are CE and RoHS certified by SGS or TUV Lab. Some products are ETL listed.

R&D TEAM

Our R&D team, made up of over 15 engineers, is always developing new and trending LED products to help our customers tap into emerging markets. This ensures that we all stay up-to-date with market trends and avoid becoming obsolete.

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 LEDYi'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.

R&D AND MANUFACTURE

Manufacturing Capacity

LEDYi operates a six-floor production base in Shenzhen, covering an area of over 10,000 square meters and employing more than 300 staff. The facility houses more than 15 high-speed SMT machines, 20 die-bonding COB machines, 7 automatic extrusion lines, and 6 luminaire production lines. This enables a comprehensive 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.

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

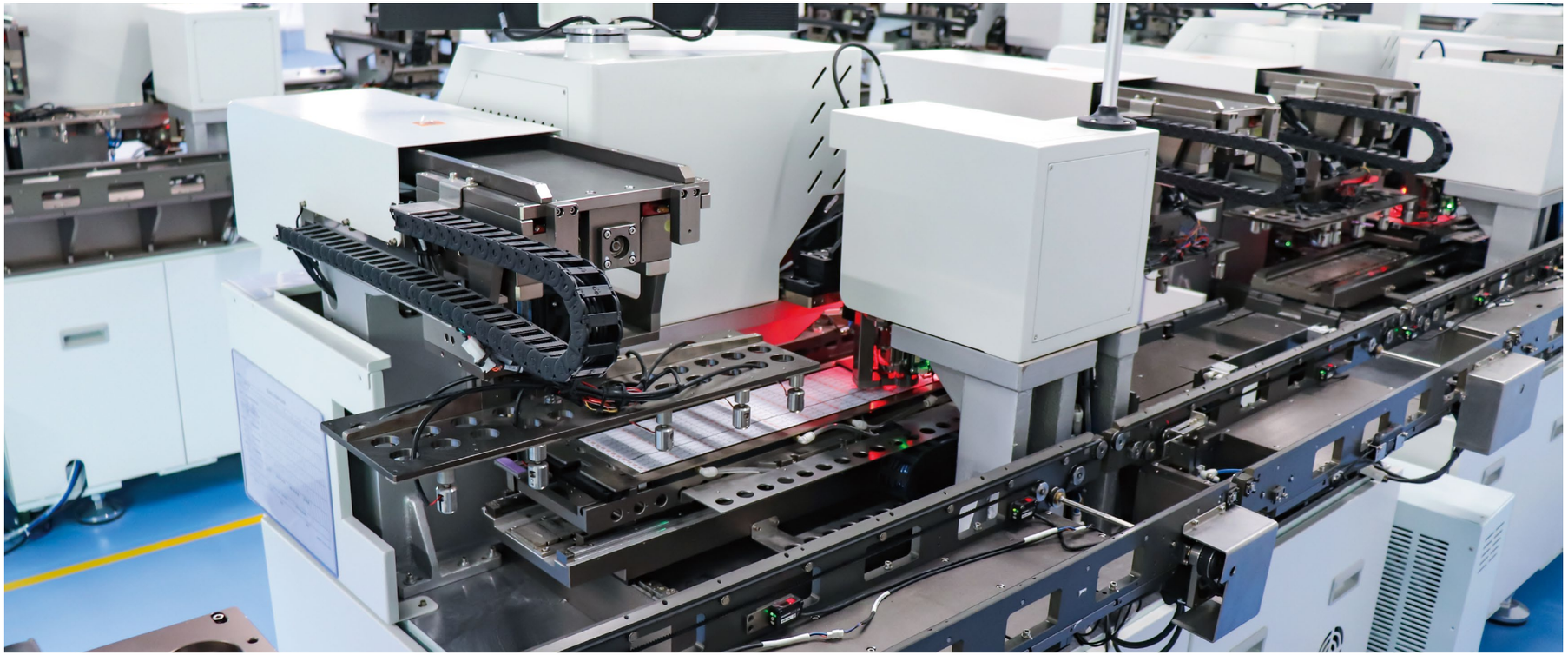
10000m²+
Plant area

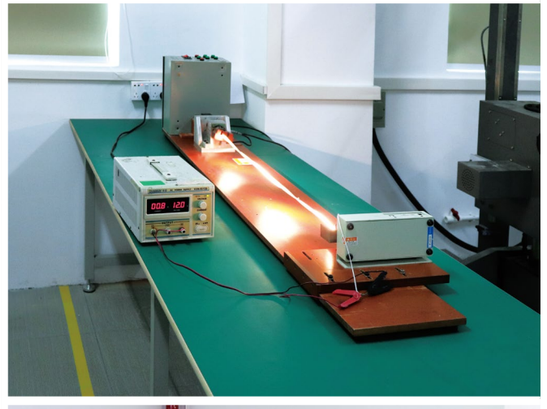
300+
Staff

25000m+
LED strip/day

2000m+
COB strip/day

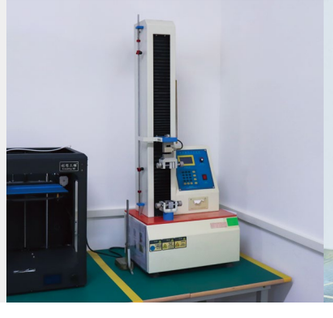
5000m+
Neon flex/day





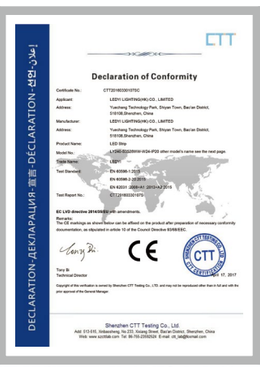
LABORATORY & INSPECTION

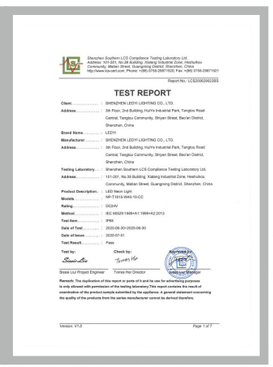
The LEDYi laboratory spans an area of over 500 square meters and is equipped with more than 34 sets of specialized testing equipment. These are organized into different zones: safety, EMC, photoelectric, IP water resistance, aging, and product reliability. Our inspections cover a wide range of products,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



CERTIFICATE SYSTEM

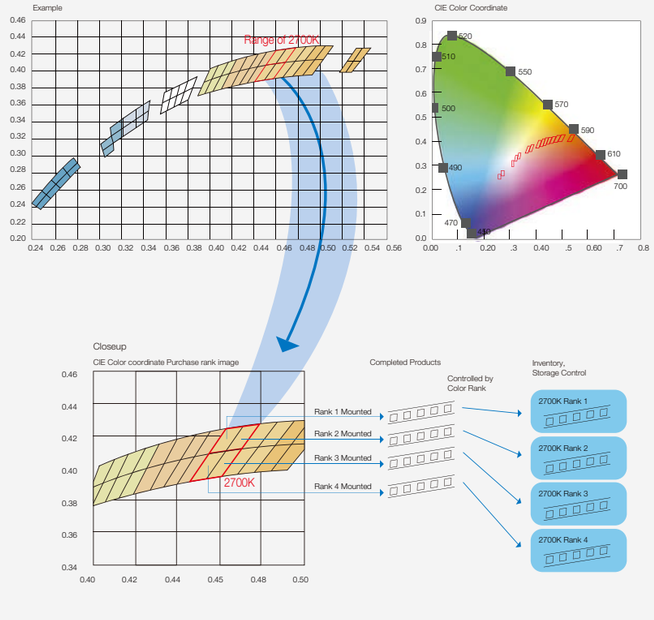
LEDYi is certified under the ISO 9001:2015 Quality Management System. All of our products have successfully passed tests conducted by third-party authoritative labs and have earned various quality certifications, including CB, CE, REACH, ROHS, ETL, SGS, TUV, and LM-80, as required by different countries and regions.





COLOR CONSISTENCY

▶ Color temperature control



SDCM<3-Step

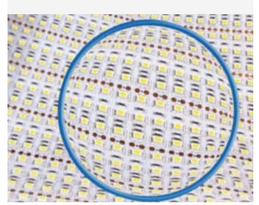
Only a single Bin is chosen from the LED packages for each and every customer order. After machine selection, all LEDs undergo an additional visual inspection. Every order comes with both document records and actual LED samples for comparison. Custom colors are available, as we have our own LED packaging 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:

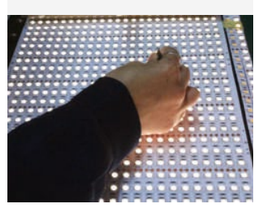
Step 1

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.



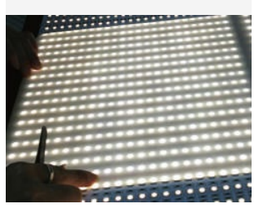
Step 2

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.



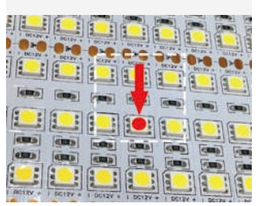
Step 3

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.

CRI>95

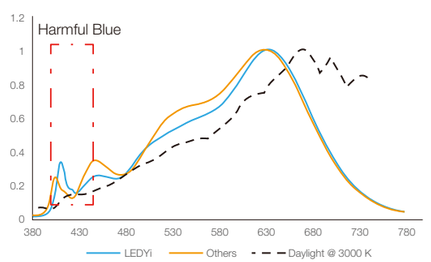
FULL COLOR GAMUT (Rg) AS PER TM-30-15

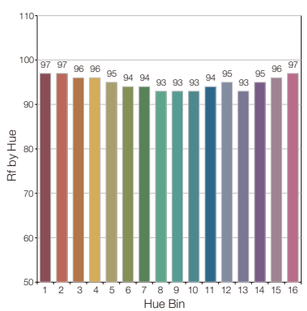
In addition to offering a more accurate measure of color fidelity, the TM-30 method introduces another aspect of color quality through the Gamut Index (Rg). This index reveals the range of colors a white light source can produce through reflection. A score near 100 indicates that the light source reproduces 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.

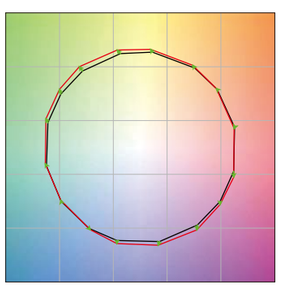
VIOLET CHIP FULL SPECTRUM (NATURAL LIGHT SERIES)

CRI UP TO 98

Closely resembling the spectrum of natural sunlight, this lighting technology enhances the colors of objects, making them appear as they would under natural light. The product features high color fidelity with an Rf score above 98 and strong color saturation, evidenced by an Rg score of at least 100. Furthermore, it minimizes harmful blue light, offering a healthier lighting solution.







COLOR TEMPERATURE

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

Sunrise	Morning	Noon	Afternoon	Sunset
<2000K	3500-4500K	5500-6500K	3500-4500K	<2000K

ITEM NUMBER

COMPANY ABB. LY

STRIP ABB. 60-S

LED QTY/M

LED TYPE 5050

SMD2010
SMD2835
SMD5050
SMD3528
SMD3014
SMD5630
SMD2216
SMD3838
SMD020

LED COLOR W30-

W18: Warm white 1800K
W21: Warm white 2100K
W24: Warm white 2400K
W27: Warm white 2700K
W30: Warm white 3000K
W40: Nature white 4000K
W50: White 5000K
W60: Day white 6000K

PCB COLOR W

W : White PCB
B : Black PCB
Y : Yellow PCB

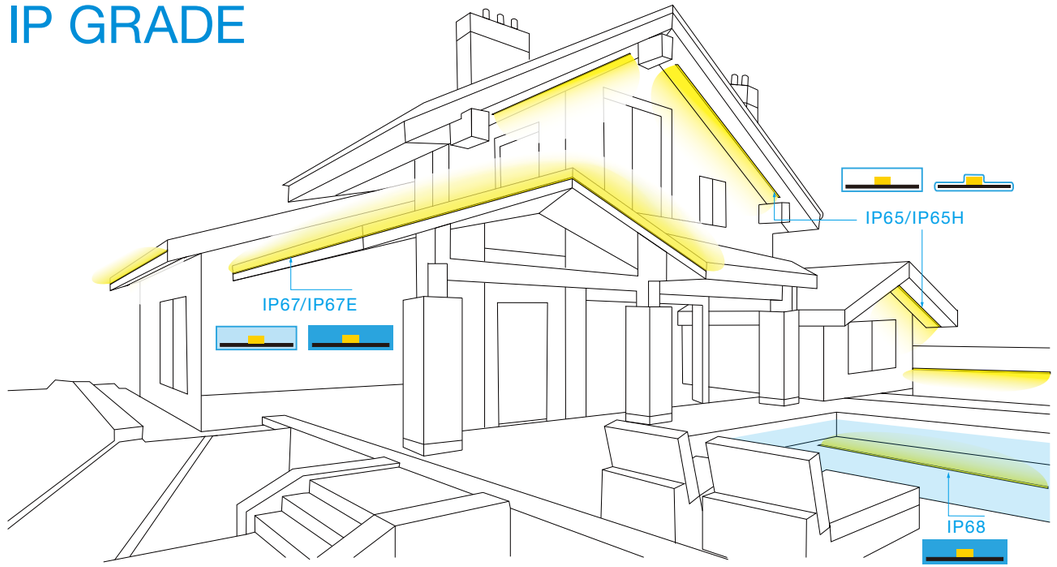
INPUT VOLTAGE 24-

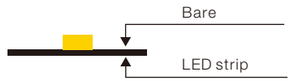
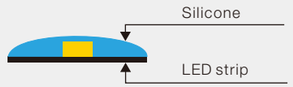
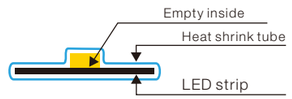
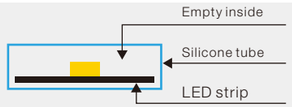
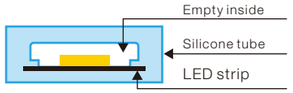
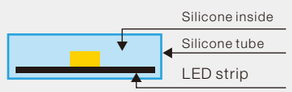
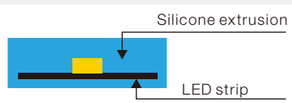
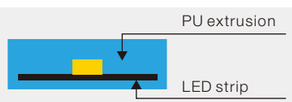
5: DC5V
12: DC12V
24: DC24V
36: DC36V
48: DC48V

IP GRADE IP65

IP20: Bare PCB
IP52: Silicone coating
IP65: Silicone tube
IP65H: Heat shrink tude
IP65E: Silicone tube extrusion
IP67: Silicone filling
IP67E: Solid silicone extrusion
IP68: PU

IP GRADE



IP Rate	Structure	Description	Application
IP20		Non-waterproof	Indoor use
IP52		Silicone coating	Damp environments e.g. kitchen, bathroom
IP65H		Heat shrink tube	Semi-outdoor raining environments e.g. porch, eaves
IP65		Silicone tube	Semi-outdoor raining environments e.g. porch, eaves
IP65E		Silicone tube extrusion	Semi-outdoor raining environments e.g. porch, eaves
IP67		Silicone filling	Outdoor use
IP67E		Silicone extrusion	Outdoor use
IP68		PU extrusion	Under water within 2 meters deep.

CUSTOMIZATION

BIN

ONE BIN ONLY

Available to customize one specific BIN or various BIN

CABLE

m/reel

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

CRI

CRI

Available to customize CRI range

CONNECTOR

Connector

Available to customize connector for all IP grade

COLOR

Available to customize specific color or wavelength

LABEL

Label

Available to customize label

POWER

Power

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

REEL & BAG

Anti-static bag

Available to customize reel and anti-static bag

PCB

PCB

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

PACKING

Packing

Available to customize the special packaging

LENGTH

m/reel

Available to customize the length within the technology supporting range

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Single Color Series

2835 Series 30~240leds 023
2835SMD 120LEDs HOT 025
2835SMD 180LEDs HOT 026

5050 Series 30~120leds 027
5050SMD 60LEDs HOT 028

2010 Series 50~720leds 029
2010SMD 240LEDs HOT 030

2216 Series 120~420leds 031
2216SMD 240LEDs HOT 032

3014 Series 50~240leds 033
3014SMD 240LEDs HOT 034

5630 Series 30~240leds 035
5630SMD 120LEDs HOT 036

3528 Series 30~480leds 037

Tunable White Series

Tunable White Series 60~364leds 041
2835SMD 120LEDs HOT 043
2010SMD 364LEDs HOT 044

RGBX Colorful Series

RGBX Colorful Series 30~840leds 047
2835SMD 120LEDs HOT 049
5050SMD 60LEDs HOT 050
5050SMD 96LEDs 24V HOT 051
5050SMD 60LEDs (4 in 1) 12V/24V HOT 052
5050SMD 60LEDs (5 in 1) 24V HOT 053

Addressable Colorful Series

Addressable Colorful Series 30~120leds 056
5050SMD 60LEDs DMXRGB 24V HOT 057
5050SMD 60LEDs DMXRGBW 24V HOT 058
SK6812 60LEDs RGB 5V HOT 059
UCS1903 60LEDs RGB 12V/24V HOT 060

Super Long CC Series

Super Long CC Series 54~240leds 063
5050SMD 60LEDs RGB 24V 15m HOT 065
5050SMD 60LEDs RGBW 24V 15m HOT 066
5050SMD 60LEDs RGBTW 24V 15m HOT 067

High-Efficiency Series

High-Efficiency Series 60~160leds 070
2835SMD 64LEDs 24V HOT 071
2835SMD 160LEDs 24V HOT 072

Special Series

Ultra Narrow Strip 075
2010SMD 108LEDs 24V 2mm HOT 075
2010SMD 240LEDs 24V 3mm 076
2010SMD 240LEDs 24V 4mm HOT 077
2835SMD 120LEDs 12V/24V 5mm HOT 078

Dim To Warm Strip 079
2216SMD 224LEDs 24V HOT 079
2835SMD 120LEDs 24V 080

Side Emitting Strip 081
3014SMD 60LEDs 12V/24V 081
3014SMD 120LEDs 12V/24V HOT 082

S Shape Bendable Strip 083
2835SMD 60LEDs WHITE 12V/24V HOT 083
2835SMD 96LEDs TW 24V 084
5050SMD 42LEDs RGB 12V 085
5050SMD 48LEDs RGBW 12V/24V HOT 086

Mini Cutting Strip 087
2835SMD 120LEDs 5V/12V/24V HOT 087
2835SMD 120LEDs TW 5V/12V/24V 088

Special Beam Angle Strip 089
6060SMD 60LEDs 24V 089
2835SMD 120LEDs 24V 090

Sauna Room LED Strip 091
3030SMD 80LEDs 24V HOT 093
S5050RGBW 60LEDs 24V 094

Flex LED Sheet

Flex LED Sheet HOT 095

Modular LED linear Light

Modular LED linear Light 101

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Driverless AC LED Strip 107

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480Chips/m 10mm 12V/24V 5W/10W/15W HOT 116
480Chips/m 8/10mm 24V 5W/10W/15W 117
480Chips/m 10mm 10m 118
560Chips/m 10mm 24V 15m 119
576Chips/m 10mm 24V 10W/15W 121

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720Chips/m 10mm 12V 15W 123
840Chips/m 10mm 24V 15W 124
560Chips/m 10mm 24V 16W 125
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Dotless LED Line Series

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PU Wall Washer Series HOT 145
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T1212 HOT 203
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T3020 HOT 209
T5025 NEW 211
D16 213

360 Neon Flex 215
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S0817 228
S1220 229
S1225 231
T1010 233
T1212 HOT 234
T1615 HOT 235
D16 237
D25 HOT 238
S0612D 239

Mini Cutting Neon Flex 247
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T1212 250
S1220 251
T1615 252

3D Neon Flex 253
3D1615 HOT 255
3D1010 NEW 257

High Efficiency Neon Flex 259
S1220 261
T1615 263

Black Neon Flex 265
S1220 HOT 267
T1615 HOT 270
ND25B NEW 273

Wing-designed Neon 277
S1220T HOT 279
T1615T HOT 281
T1212T 283
S0817T 285
T0606T 287

Double-side Emitting Neon Flex 289
S1615D HOT 291
S1612D HOT 293

IP68 PU Neon Flex 295
S1220 297
T1615 299

IP68 Silicone Neon Flex 301
S1220 HOT 301
T1615 HOT 303

New ErP Strip Series

24V 4.8W CRI80 2835 80LED/M 307
24V 4.5W CRI80 2835 90LED/M 308
24V 9.6W CRI80 2835 160LED/M 309
24V 14.4W CRI80 2835 160LED/M 310
24V 9W CRI80 2835 180LED/M 311
24V 14.4W CRI80 2835 192LED/M 312
24V 19.2W CRI80 2835 192LED/M 313
24V 14.4W CRI90 2835 160LED/M 314
TW 24V 14.4W CRI90 2835 160LED/M 315
24V 10W CRI90 COB 480CHIP/M 316
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LED Accessory

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LED Sample Kit

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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

2835SMD SERIES

2100K 2400K 2700K 3000K 4000K 5000K 6000K | R | G | B | Y | CRI >90

One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 YEARS WARRANTY

The 2835 SMD series is our LED strip with the most stable quality, extensively employed in demanding projects. With its high CRI, super brightness, and unmatched efficiency, this range promises superior quality and exceptional value.

Designed for basic yet powerful lighting needs, these strips deliver efficient brightness and elevate the user experience. Noteworthy for their stability and cost-effectiveness, they are a prevalent choice.

Frequently used in offices, homes, schools, hospitals, hotels, and markets, these strips can function standalone or complement other lighting systems. With their refined design and functional efficiency, they offer exceptional value and light up various spaces with precision and style.

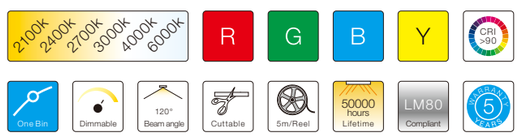
PRODUCT PARAMETER

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY30-S2835W30-Wx	30	8	100mm@12v 166.67mm@24v	12v/24v	6	>90	531	88.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S2835W30-Wx	60	5	16.67mm@5v	5v	8	>90	600	75	IP20/IP65/IP65H
LY60-S2835W30-Wx	60	5	50mm@12v 100mm@24v	12v/24v	10	>90	890	89	IP20/IP65/IP65H
LY60-S2835W30-Wx	60	8	50mm@12v 100mm@24v	12v/24v	12	>90	1060	88.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S2835W30-Wx	60	10	50mm@12v 100mm@24v	12v/24v	12	>90	1060	88.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY70-S2835W30-Wx	70	10	100mm@24v	24v	12	>90	1230	102.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY84-S2835W30-Wx	84	8	35.72mm@12v	12v	16.8	>90	1478	87.9	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY84-S2835W30-Wx	84	10	35.72mm@12v 71.43mm@24v	12v/24v	16.8	>90	1478	87.9	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY98-S2835W30-Wx	98	8	71.43mm@24v	24v	16.8	>90	1724	102.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-Wx	120	5	25mm@12v 50mm@24v	12v/24v	14.4	>90	1320	91	IP20/IP65/IP65H
LY120-S2835W30-Wx HOT	120	10	25mm@12v 50mm@24v	12v/24v	24	>90	2110	88	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY140-S2835W30-Wx	140	5	50mm@24v	24v	14.4	>90	1540	106	IP20/IP65/IP65H
LY140-S2835W30-Wx	140	10	50mm@24v	24v	24	>90	2460	102.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY144-S2835W30-Wx	144	15	83.34mm@24v	24v	28.8	>90	2534	88	IP20/IP52/IP65/IP67
LY168-S2835W30-Wx	168	6	17.86mm@12v 35.72mm@24v	12v/24v	10	>90	940	94	IP20/IP65/IP65H
LY168-S2835W30-Wx	168	20	35.72mm@24v	24v	30	>90	2670	89	IP20/IP52/IP65/IP67
LY180-S2835W30-Wx	180	5	33.34mm@24v	24v	14.4	>90	1322	91.8	IP20/IP65/IP65H
LY180-S2835W30-Wx	180	8	33.34mm@24v	24v	14.4	>90	1322	91.8	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY180-S2835W30-Wx HOT	180	10	33.34mm@24v	24v	24	>90	2190	91.25	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY182-S2835W30-Wx	182	10	38.47mm@24v	24v	24	>90	2520	105	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY182-S2835W30-Wx	182	32	38.47mm@24v	24v	25	>90	2620	104.8	IP20
LY240-S2835W30-Wx	240	10	25mm@24v	24v	24	>90	2200	91.6	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-Wx	120	10	8.34mm@5v	5v	12	>90	930	77.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-Wx	120	10	8.34mm@12v	12v	14	>90	1400	100	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-Wx	120	10	8.34mm@24v	24v	19	>90	1750	97	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

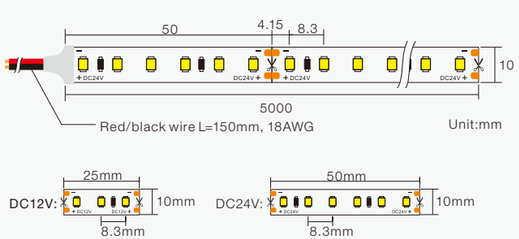
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

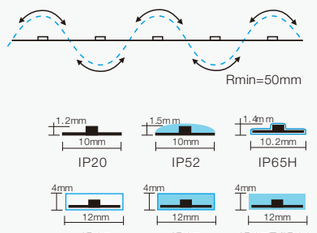
2835SMD 120LEDs LED STRIP

- 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

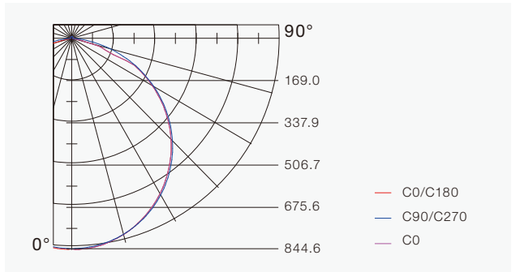




PRODUCT SPECIFICATION

Dimension	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)

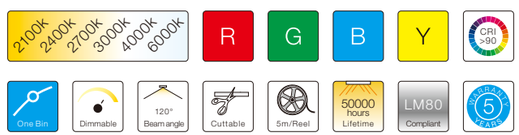
CCT (K)	Lumen(lm/m) CRI>90 | CRI>80	Efficacy(lm/w) CRI>90 | CRI>80	CRI CRI>90 | CRI>80	R9 CRI>90 | CRI>80	Rf(Fidelity) CRI>90 | CRI>80	Rg(Gamut) CRI>90 | CRI>80
2100±100	1658.16 | 2340.17	69.09 | 97.51	91.36 | 81.67	69.99 | 7.20	90.93 | 81.09	101.95 | 90.16
2400±100	1868.16 | 2520.10	77.84 | 105.00	91.47 | 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.

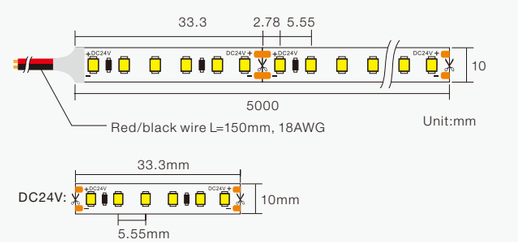
Order code: LY120-S2835W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
CCT:W21/W24/W27/W30/W40/W60 — Voltage:W12/W24

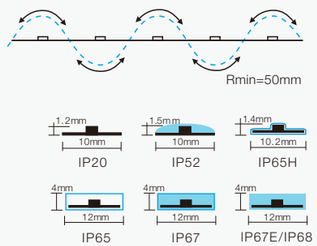
2835SMD 180LEDs LED STRIP

- 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

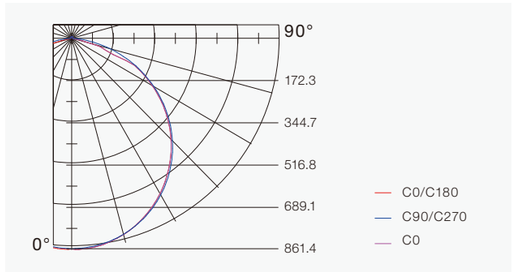




PRODUCT SPECIFICATION

Dimension	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

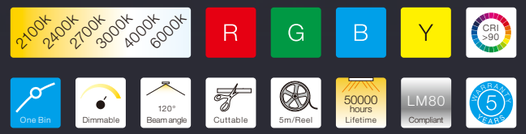
Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LY180-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 IPrate 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.



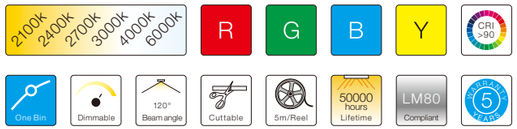
PRODUCT PARAMETER

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY30-S5050W30-Wx	30	10	100mm@12v 166.67mm@24v	12v/24v	7.2	>90	550	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY48-S5050W30-Wx	48	10	62.5mm@12v 125mm@24v	12v/24v	11.52	>90	880	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050W30-Wx	60	8	50mm@24v	24v	14.4	>90	1110	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050W30-Wx HOT	60	10	50mm@12v 100mm@24v	12v/24v	14.4	>90	1110	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050W30-Wx	60	12	50mm@12v 100mm@24v	12v/24v	14.4	>90	1110	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-S5050W30-Wx	72	10	100mm@24v	24v	17.28	>90	1332	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-S5050W30-Wx	96	12	62.5mm@24v	24v	19.2	>90	1530	79	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S5050W30-Wx	120	15	50mm@24v	24v	28.8	>90	2220	77	IP20/IP52/IP65/IP67
LY120-S5050W30-Wx	120	20	50mm@12v 50mm@24v	12v/24v	28.8	>90	2220	77	IP20/IP52/IP65/IP67

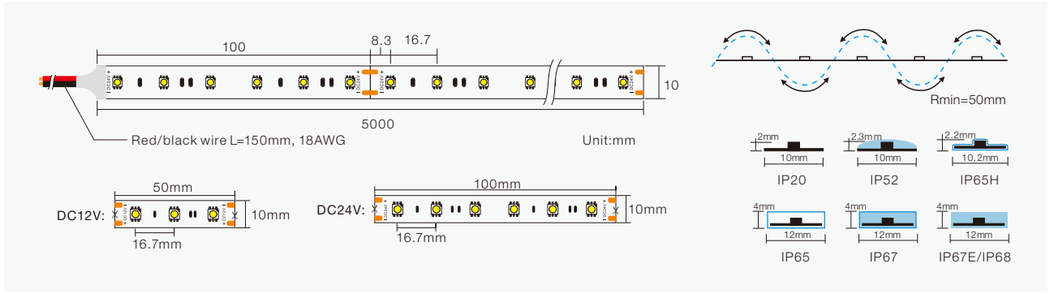
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

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



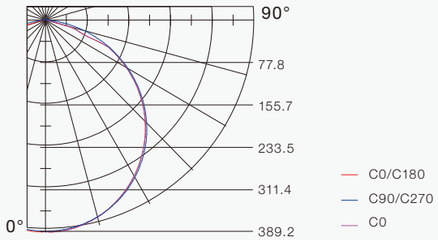
DIMENSIONS & WATERPROOF



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: LY60-S5050W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

CCT:W21/W24/W27/W30/W40/W60 — Voltage:W12/W24

2010SMD SERIES

The 2010 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.

PRODUCT PARAMETER

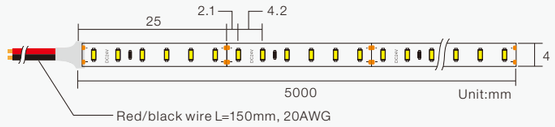
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY60-S2010W30-Wx	60	8	50mm@12v 100mm@24v	12v/24v	4.8	>90	369	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2010W30-Wx	120	8	25mm@12v 50mm@24v	12v/24v	9.6	>90	739	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S2010W30-Wx HOT	240	4	25mm@24v	24v	10	>90	810	81	IP20
LY240-S2010W30-Wx	240	10	25mm@24v	24v	19.2	>90	1478	77	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY280-S2010W30-Wx	280	10	25mm@24v	24v	19.2	>90	1747	91	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY300-S2010W30-Wx	300	10	20mm@24v	24v	20	>90	1580	79	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY420-S2010W30-Wx	420	10	16.67mm@24v	24v	20	>90	1860	93	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY560-S2010W30-Wx	560	10	12.5mm@24v	24v	20	>90	1900	95	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY700-S2010W30-Wx	700	10	10mm@24v	24v	20	>90	1920	96	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY720-S2010W30-Wx	720	10	8.33mm@24v	24v	20	>90	1610	80.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY720-S2010W30-Wx	720	8	8.33mm@24v	24v	20	>90	1610	80.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

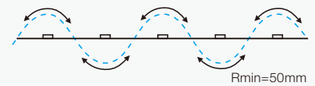
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

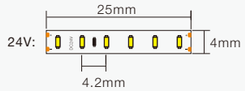
2010SMD 240LEDs LED STRIP

- 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

DIMENSIONS & WATERPROOF



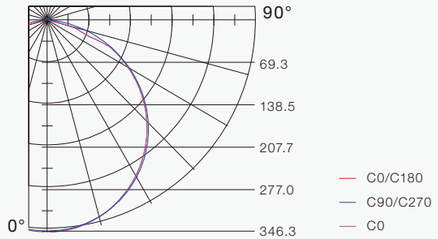




PRODUCT SPECIFICATION

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

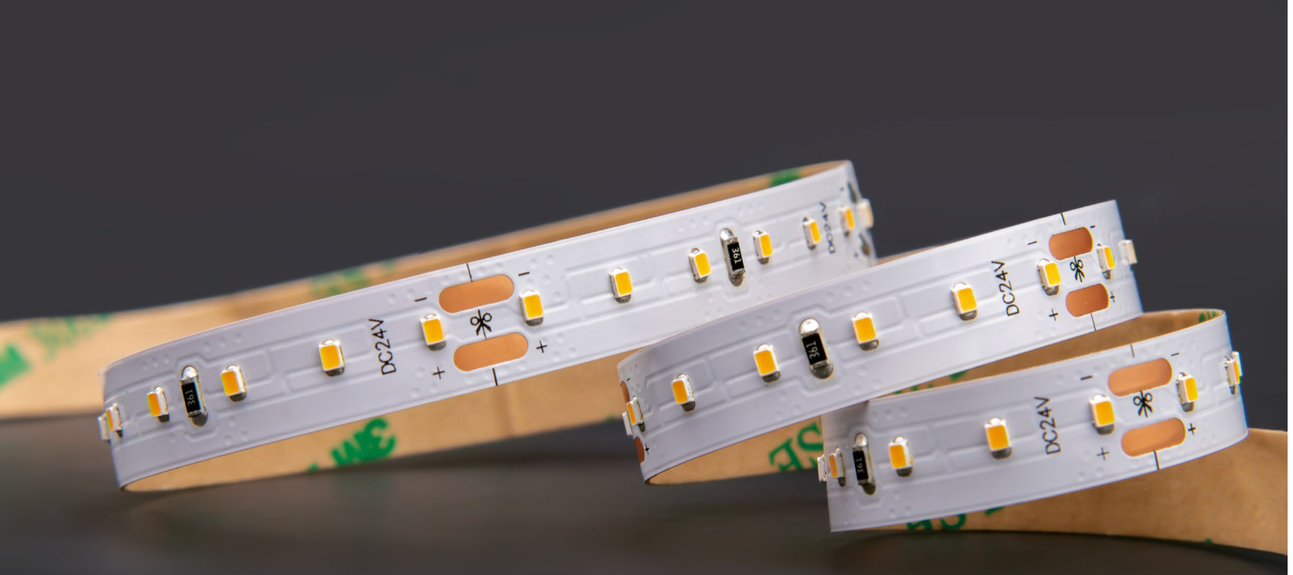
POLAR CURVE (Base on IP20 CRI>95 6000K)



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

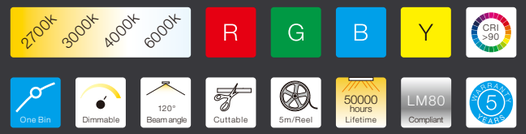
CCT(K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2400±100	720.00	72.00	91.47	76.83	90.81	101.82
2700±100	816.00	81.60	91.33	78.86	92.80	100.81
3000±100	912.00	91.20	92.65	84.93	90.80	103.96
4000±200	888.00	88.80	93.42	85.95	90.95	100.00
6000±300	984.00	98.40	92.52	90.95	91.96	101.89

Order code: LY240-S2010 W30 -W24- IP20
- IP20/IP65
- CCT:W24/W27/W30/W40/W60



2216SMD SERIES

The 2216 SMD series signifies our high-stability strip, characterized by its robust LED frame, zero lighting dots, and super-dense LED distribution. With an ultra-slim thickness of just 1.2mm, it seamlessly aligns with various profiles. This series is primarily used in high-end environments such as premium retail stores, exclusive hotels, museums, and galleries, underlining its premium quality and superior performance.



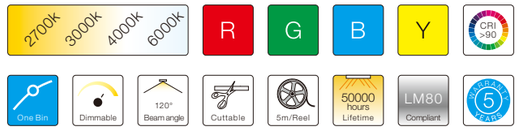
PRODUCT PARAMETER

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY120-S2216W30-Wx	120	10	50mm@24v	24v	9.6	>90	750	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY180-S2216W30-Wx	180	10	33.33mm@24v	24v	14.4	>90	1123	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S2216W30-Wx	240	5	25mm@24v	24v	10	>90	890	89	IP20/IP65/IP65H
LY240-S2216W30-Wx HOT	240	10	25mm@24v	24v	19.2	>90	1500	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY300-S2216W30-Wx	300	10	20mm@24v	24v	20	>90	1700	85	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY420-S2216W30-Wx	420	10	14.28mm@24v	24v	24	>90	2050	85	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

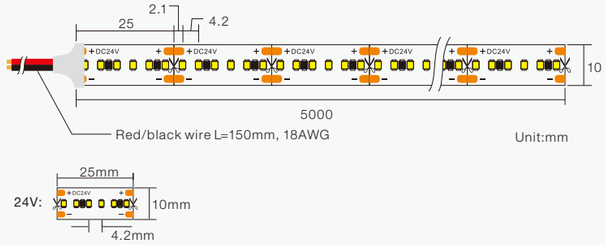
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

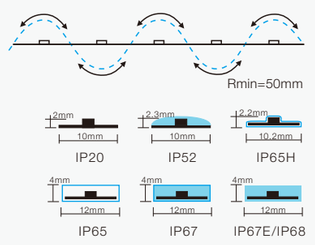
2216SMD 240LEDs LED STRIP

- 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



DIMENSIONS & WATERPROOF

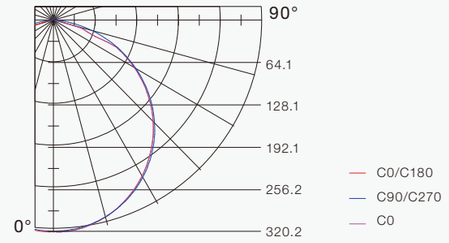




PRODUCT SPECIFICATION

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: LY240-S2216W30-W24-IP20
- IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- CCT: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

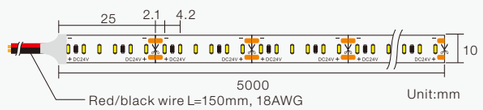
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY60-S3014W30-Wx	60	8	50mm@12v 100mm@24v	12v/24v	7.2	>90	640	89	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY70-S3014W30-Wx	70	8	100mm@24v	24v	7.2	>90	750	104	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S3014W30-Wx	120	5	25mm@12v 50mm@24v	12v/24v	12	>90	1080	90	IP20/IP65/IP65H
LY120-S3014W30-Wx	120	8	25mm@12v 50mm@24v	12v/24v	12	>90	1080	90	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY140-S3014W30-Wx	140	10	50mm@24v	24v	14.4	>90	1498	104	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY204-S3014W30-Wx	204	10	14.7mm@12v 29.4mm@24v	12v/24v	20.4	>90	1836	90	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S3014W30-Wx HOT	240	10	12.5mm@12v 25mm@24v	12v/24v	24	>90	2160	90	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

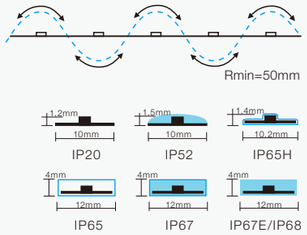
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

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

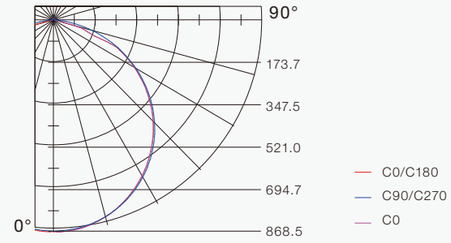




PRODUCT SPECIFICATION

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)
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
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: LY240-S3014W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

CCT:W27/W30/W40/W60 — Voltage:W12/W24

5630SMD SERIES

The 5630 SMD series is tailored for projects requiring high-lumen output. Each LED in the series achieves an impressive 22-27lm using only 60mA, making it an ideal solution for commercial applications. When maximum brightness is required to accentuate specific features, this series stands out as the go-to choice.

PRODUCT PARAMETER

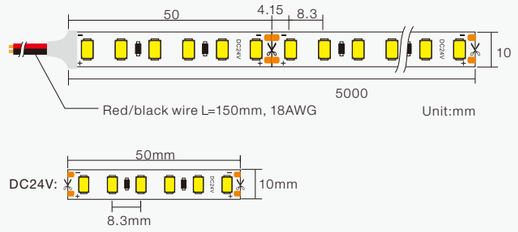
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY30-S5630W30-Wx	30	10	100mm@24v	12v	7.2	>90	825	114	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5630W30-Wx	60	10	50mm@12v 100mm@24v	12v/24v	14.4	>90	1650	114	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-S5630W30-Wx	72	10	83.33mm@24v	24v	17.2	>90	1960	114	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S5630W30-Wx HOT	120	10	50mm@24v	24v	24	>90	2784	116	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S5630W30-Wx	120	15	50mm@24v	24v	28.8	>90	3283	114	IP20/IP52/IP65/IP67
LY240-S5630W30-Wx	240	15	25mm@24v	24v	38.4	>90	4650	121	IP20/IP52/IP65/IP67

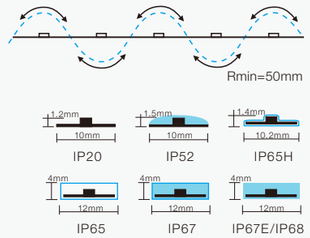
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

5630SMD 120LEDs LED STRIP

- 5630 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

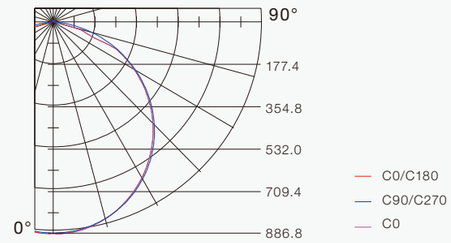




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	120LEDs/m,8.3mm pitch
Step LEDs	6LEDs
Step length	50mm
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)

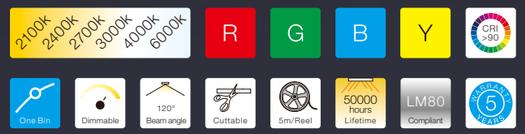
CCT (K)	Lumen(lm/m) CRI>90 | CRI>80	Efficacy(lm/w) CRI>90 | CRI>80	CRI CRI>90 | CRI>80	R9 CRI>90 | CRI>80	Rf(Fidelity) CRI>90 | CRI>80	Rg(Gamut) CRI>90 | CRI>80
2700±100	1979.76 | 2400.14	82.49 | 100.01	93.93 | 81.22	68.89 | 5.04	91.93 | 81.08	100.91 | 4.03
3000±100	2275.44 | 2700.14	94.81 | 112.51	89.92 | 82.14	60.91 | 7.08	90.97 | 76.20	98.86 | 6.11
4000±200	2399.52 | 2856.03	99.98 | 119.00	89.88 | 81.01	67.96 | 5.17	89.86 | 82.05	98.98 | 5.06
6000±300	2395.20 | 2892.06	99.80 | 120.50	88.84 | 81.62	58.81 | 6.06	89.00 | 80.06	96.95 | 3.63

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: LY120-S5630W30-W24-IP20
- IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- CCT:W27/W30/W40/W60

3528SMD SERIES

The 3528 SMD series is our low-output range, designed to meet fundamental illumination needs while also creating a pleasant ambiance in decorative lighting scenarios. Ideal for highlighting ceiling outlines, wall edges and corners, and furniture contours, this series effortlessly blends basic lighting with aesthetic appeal.



PRODUCT PARAMETER

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY30-S3528W30-Wx	30	8	100mm@12v 166mm@24v	12v/24v	2.4	>90	195	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY48-S3528W30-Wx	48	8	62.5mm@12v	12v	3.8	>90	307	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S3528W30-Wx	60	5	50mm@12v 100mm@24v	12v/24v	4.8	>90	388	81	IP20/IP65/IP65H
LY60-S3528W30-Wx	60	8	50mm@12v 100mm@24v	12v/24v	4.8	>90	388	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S3528W30-Wx	60	10	50mm@12v 100mm@24v	12v/24v	4.8	>90	388	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-S3528W30-Wx	96	8	31.25mm@12v 62.5mm@24v	12v/24v	7.6	>90	615	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S3528W30-Wx	120	5	25mm@12v 50mm@24v	12v/24v	9.6	>90	770	81	IP20/IP65/IP65H
LY120-S3528W30-Wx	120	8	25mm@12v 50mm@24v	12v/24v	9.6	>90	770	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S3528W30-Wx	120	10	25mm@12v 50mm@24v	12v/24v	9.6	>90	770	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY140-S3528W30-Wx	140	10	50mm@24v	24v	9.6	>90	910	95	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY180-S3528W30-Wx	180	10	33.33mm@24v	24v	14.4	>90	1166	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S3528W30-Wx	240	10	12.5mm@12v 25mm@24v	12v/24v	19.2	>90	1555	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S3528W30-Wx	240	15	25mm@12v 50mm@24v	12v/24v	19.2	>90	1555	81	IP20/IP52/IP65/IP67
LY360-S3528W30-Wx	360	20	16.66mm@12v 16.66mm@24v	12v/24v	28.8	>90	2332	81	IP20/IP52/IP65/IP67
LY480-S3528W30-Wx	480	28	50mm@24v	24v	38.4	>90	3110	81	IP20

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

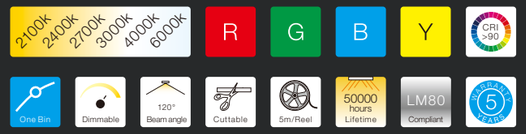
TUNABLE WHITE SERIES

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	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @2700K +6000K	Efficacy (Lm/w) @2700K +6000K	IP rate
LY60-S3528TW3060-Wx	60	10	50mm@12v 100mm@24v	12v/24v	9.6	>80	930	96	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S3528TW3060-Wx	120	10	25mm@12v 50mm@24v	12v/24v	19.2	>80	1870	96	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S3528TW3060-Wx	120	10	50mm@12v 100mm@24v	12v/24v	9.6	>90	796	83	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050TW3060-Wx	60	10	50mm@12v 100mm@24v	12v/24v	19.2	>80	1560	81	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050TW3060-Wx	60	10	100mm@12v 166.7mm@24v	12v/24v	14.4	>90	1340	93	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY224-S3014TW3060-Wx	224	10	62mm@24v	24v	23	>90	2200	94	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY112-S2835TW3060-Wx	112	10	125mm@24v	24v	19.2	>90	1930	99	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835TW3060-Wx HOT	120	10	50mm@12v 100mm@24v	12v/24v	24	>90	2240	93	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

PRODUCT PARAMETER

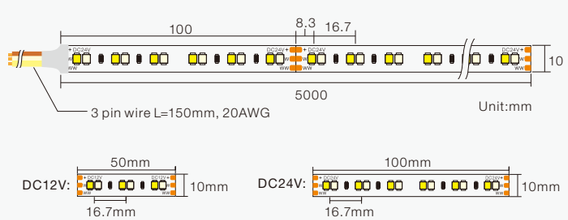
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @2700K +6000K	Efficacy (Lm/w) @2700K +6000K	IP rate
LY160-S2835TW3060-Wx	160	10	100mm@24v	24v	21	>90	2880	137	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S2835TW3060-Wx	240	12	50mm@24v	24v	24	>90	2330	97	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY112-S5630TW3060-Wx	112	10	125mm@24v	24v	23	>90	2570	111	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835TW3060-Wx	120	10	100mm@24v	24v	14.4	>80	1550	107	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY224-S2216TW2135-Wx	224	10	62.5mm@24v	24v	18	>90	1429	85	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S2010TW1830-Wx	240	5	50mm@24v	24v	12	>95	1020	85	IP20/IP65/IP65H
LY364-S2010TW3065-Wx HOT	364	10	38.46mm@24v	24v	20	>95	2074	103.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835TW3060-Wx	120	10	16.7mm@5v @12v@24v	5v	12	>90	970	67.4	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835TW3060-Wx	120	10	16.7mm@5v @12v@24v	12v	14	>90	1440	102	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835TW3060-Wx	120	10	16.7mm@5v @12v@24v	24v	19	>90	1800	94.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

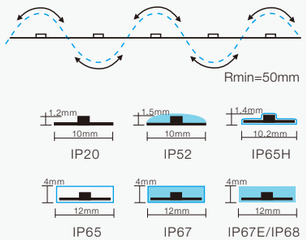
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

TW STRIP 2835SMD 120LEDs

- 2835 LED Warm white+cool white tunable strip
- Self-encapsulated design offers optional 2100-6000K
- White lights and R/G/B/Y and other colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

DIMENSIONS & WATERPROOF

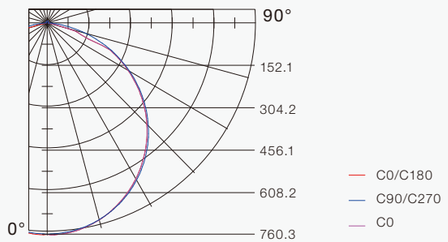




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	120LEDs/m,16.7mm pitch
Step LEDs	12LEDs(24V)/6LEDs(12V)
Step length	100mm(24V)/50mm(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)



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 ONLY	1125.60 | 1320.49	93.80 | 110.04	91.19 | 83.72	75.83 | 10.21	92.85 | 84.15	100.86 | 100.99
6000 ONLY	1170.96 | 1429.76	97.58 | 119.15	92.55 | 83.29	85.85 | 8.35	91.93 | 90.49	100.95 | 99.19
2700+6000	2293.92 | 2753.01	95.58 | 114.71	93.53 | 85.07	93.83 | 8.15	91.96 | 81.23	101.91 | 98.76

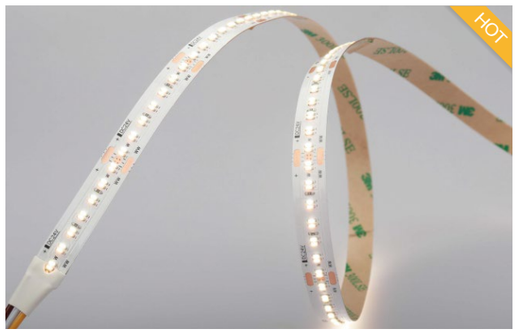
Note: Customized CCT can be realized according to specific requirements.

Order code: LY120-S2835TW2760-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

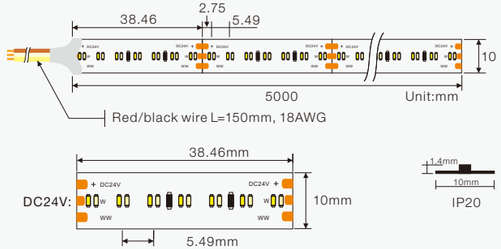
CCT:TW2160/TW2460/TW2760/TW3060... — Voltage:W12/W24

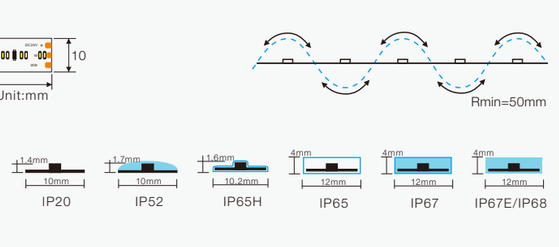
TW STRIP 2010SMD 364LEDs

24V, flexible LED strip (14LED/step =38.46mm) with 3M adhesive tape on the back for easy installed. 2056lm/m at 20W/m. 120° beam angle. Very good color reproduction with CRI>90. “One Bin Only” within 5 MacAdam guarantees constant color temperature and high light quality at a lifetime of 54,000 hours (L).Double-layer FPC(2Oz) f 70 or good heat dissipation.



DIMENSIONS & WATERPROOF

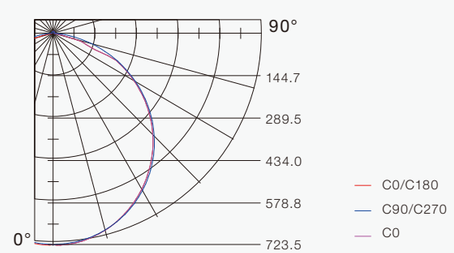




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.4mm
Chip density	364LEDs/m
Step LEDs	14LEDs
Step length	38.46mm
Power(W)	20W(2 colors 100% on)
Voltage(V)	DC24V
Current(A/m)	0.84A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>90)



PRODUCT PHOTOMETRICS (Data base on IP20 CRI>90)

CCT(K)	Lumen(lm/m)	Power(w/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2700 ONLY	947.9	10	94.79	91	78.86	92.8	100.81
6000 ONLY	1108.3	10	110.83	92	90.95	91.96	101.89
2700+6000	2056	20	102.8	90	85.36	90.95	103.85

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

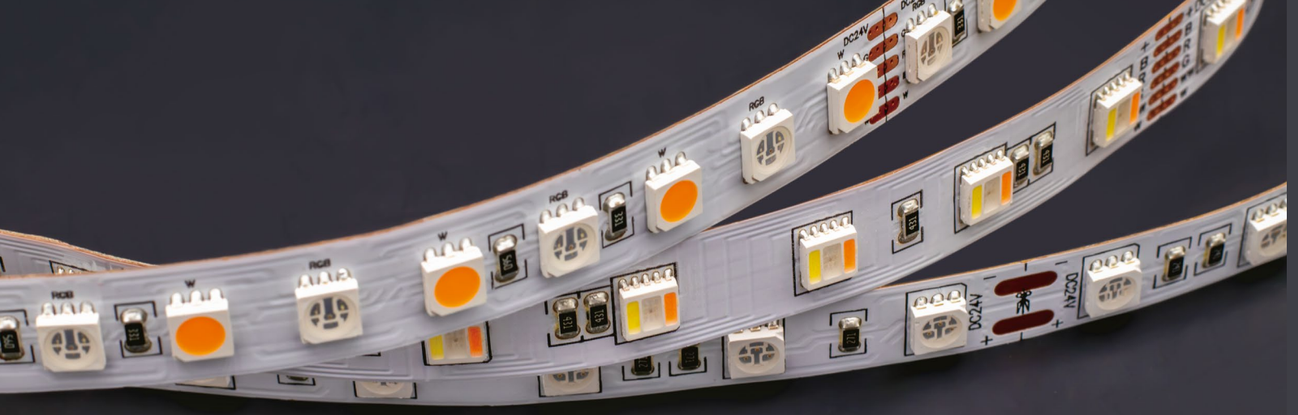
Order code: LY364-S2010TW2760-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

CCT:TW2160/TW2460/TW2760/TW3060...

RGBX COLORFUL SERIES

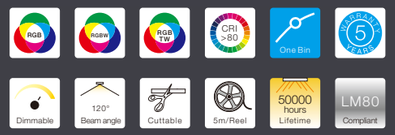
RGBX color changing LED strips are 3 channels / 4 channels / 5 channels LED strips that can be connected to the lighting control system or work with the independent controller.It is widely used in residential spaces, exhibitions, leisure & entertainment environments, decoration lighting, atmosphere creation, 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 (RGB 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
LY30-S5050RGB-Wx	5050RGB	RGB	30	10	100mm@12v 166.6mm@24v	12v/24v	7.2	/	310	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY48-S5050RGB-Wx	5050RGB	RGB	48	10	62.5mm@12v 125mm@24v	24v	11	/	473	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-Wx	5050RGB	RGB	60	8	24V:50mm	12v	12	/	528	44	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-Wx HOT	5050RGB	RGB	60	10	50mm@12v 100mm@24v	12v/24v	14.4	/	620	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-S5050RGB-Wx	5050RGB	RGB	72	10	24V:83.3mm	24v	17.28	/	743	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-S5050RGB-Wx	5050RGB	RGB	96	12	24V:62.5mm	24v	23W	/	980	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S5050RGB-Wx	5050RGB	RGB	120	12	25mm@12v 50mm@24v	12v/24v	24	/	1056	44	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S5050RGB-Wx	5050RGB	RGB	120	20	50mm@12v 50mm@24v	12v/24v	28.8	/	1238	43	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835RGB-Wx HOT	2835RGB	RGB	120	5	25mm@12v 50mm@24v	12v/24v	10	/	350	35	IP20/IP65/IP65H
LY120-S2835RGB-Wx	2835RGB	RGB	120	8	50mm@24v	24v	12	/	350	35	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S3838RGB-Wx	3838RGB	RGB	120	8	50mm@24v	24v	12	/	480	40	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S3838RGB-Wx	3838RGB	RGB	240	12	25mm@24v	24v	24	/	960	40	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S020WRGB-Wx	020 RGB Side view	RGB	60	10	50mm@24v	12v	12	/	348	29	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY840-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
LY60-S5050RGBWx-Wx	5050RGB+5050W	2100K/2400K/2700K/ 3000K/4000K/6000K	60	10	100mm@12v 166.6mm@24v	12v/24v	14.4	>90	780	54	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-S5050RGBWx-Wx	5050RGB+5050W	2100K/2400K/2700K/ 3000K/4000K/6000K	72	12	166.6mm@24v	24v	17.2	>90	930	54	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-S5050RGBWx-Wx HOT	5050RGB+5050W	2100K/2400K/2700K/ 3000K/4000K/6000K	96	12	125mm@24v	24v	23	>90	1240	54	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S5050RGBWx-Wx	5050RGB+5050W	2100K/2400K/2700K/ 3000K/4000K/6000K	120	20	100mm@24v	24v	28.8	>90	1560	54	IP20/IP52/IP65/IP67
LY144-S5050RGBWx-Wx	5050RGB+5050W	2100K/2400K/2700K/ 3000K/4000K/6000K	144	20	83.3mm@24v	24v	34.5	>90	1860	54	IP20/IP52/IP65/IP67
LY120-S5050RGBWx-Wx	5050RGB+2835W	2100K/2400K/2700K/ 3000K/4000K/6000K	120	12	50mm@12v 100mm@24v	12v/24v	26.4	>90	1676	63	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY140-S5050RGBWx-Wx	5050RGB+2835W	2100K/2400K/2700K/ 3000K/4000K/6000K	140	12	100mm@24v	24v	26.4	>90	1821	69	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY168-S5050RGBWx-Wx	5050RGB+2835W	2100K/2400K/2700K/ 3000K/4000K/6000K	168	12	83.3mm@24v	24v	26.4	>90	1900	70	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S3838RGBWx-Wx	3838RGB+2010W	2700K/3000K/ 4000K/6000K	240	10	50mm@24v	24v	19.2	>90	1030	53	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-S020RGBWx-Wx	020RGB+ 3014W Side view	2700K/3000K/ 4000K/6000K	72	12	166.6mm@24v	24v	12	>80	534	44.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGBWx-Wx	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	60	10	50mm@12v 100mm@24v	12v/24v	19.2	>80	1170	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-LS5050RGBWx-Wx HOT	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	60	12	50mm@12v 100mm@24v	12v/24v	19.2	>80	1170	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-LS5050RGBWx-Wx	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	72	12	83.3mm@24v	24v	23	>80	1400	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY84-LS5050RGBWx-Wx	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	84	12	35.7mm@12v 71.4mm@24v	12v/24v	26.8	>80	1634	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY84-LS5050RGBWx-Wx	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	84	12	35.7mm@12v 71.4mm@24v	12v/24v	26.8	>80	1634	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-LS5050RGBWx-Wx	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	96	12	62.5mm@24v	24v	30.7	>80	1872	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-LS5050RGBWx-Wx	5050 RGBW 4in1	2700K/3000K/ 4000K/6000K	96	12	62.5mm@24v	24v	30.7	>80	1872	61	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

PRODUCT PARAMETER (RGBTW Series)

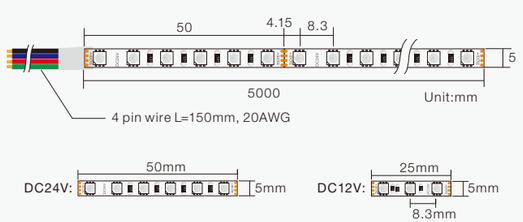
Model	LED Type	CCT(K)	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY210-S5050RGBTWx-Wx	5050RGB+2835TW	2700K/3000K/ 4000K/6000K	210	12	100mm@24v	24v	26.4	90	2112	76	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY630-S3838RGBTWx-Wx	3838RGB+2010TW	2700K/3000K/ 4000K/6000K	360	12	50mm@24v	24v	24	>90	1500	62.5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-LS5050RGBTWx-Wx HOT	5050 RGB+TW 5in1	RGB+2200- 2500k+6000K	60	12	100mm@24v	24v	19.2	>80	1180	63	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY84-LS5050RGBTWx-Wx	5050 RGB+TW 5in1	RGB+2200- 2500k+6000K	84	12	83.3mm@24v	24v	19.2	>80	1350	72	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY96-LS5050RGBTWx-Wx	5050 RGB+TW 5in1	RGB+2200- 2500k+6000K	96	12	62.5mm@24v	24v	19.2	>80	1350	72	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

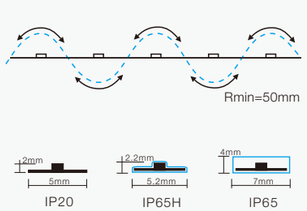
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

RGB 2835SMD 120LEDs

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

DIMENSIONS & WATERPROOF

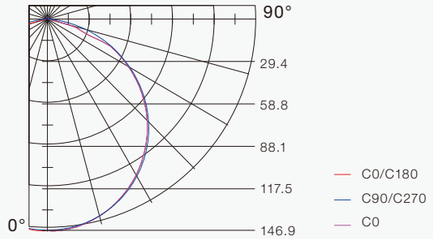




PRODUCT SPECIFICATION

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)

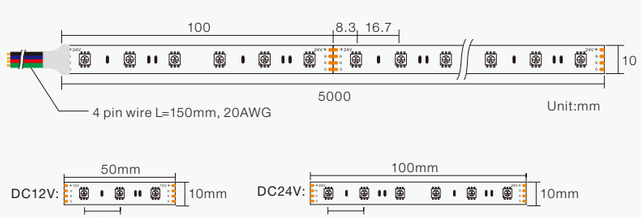
Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	3.22	84.20	26.15
Green	520~525nm	3.49	278.54	79.81
Blue	465~470nm	3.29	62.02	18.85
RGB	/	10	417.5	41.75

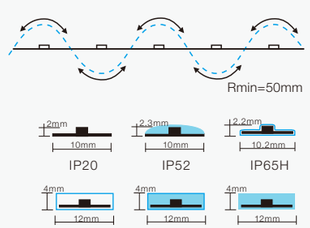
Order code: LY120-S2835RGB-W24-IP20
- IP20/IP65H/IP65
- Voltage:W12/W24

RGB 5050SMD 60LEDs

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

DIMENSIONS & WATERPROOF

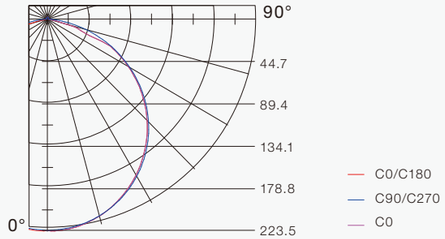




PRODUCT SPECIFICATION

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)



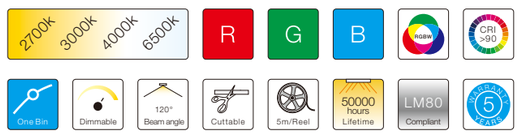
PRODUCT PHOTOMETRICS (The data base on IP20 24V)

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

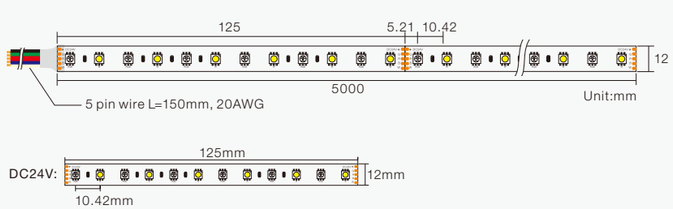
Order code: LY60-S5050RGB-W24-IP20
- IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- Voltage:W12/W24

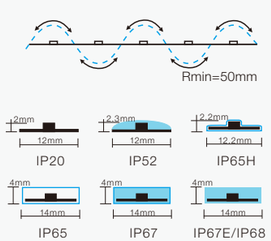
RGB+W 5050SMD 96LEDs 24V

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



DIMENSIONS & WATERPROOF

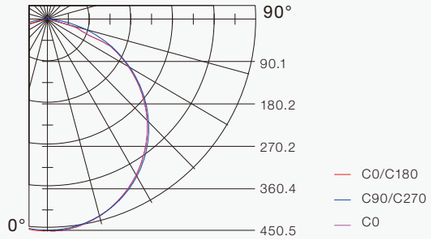




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	96LEDs/m,10.42mm pitch
Step LEDs	12LED
Step length	125mm
Power(W)	23.04Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.96A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>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

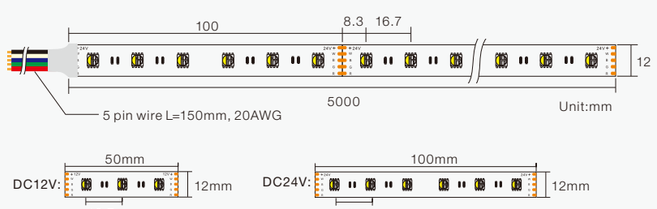
Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

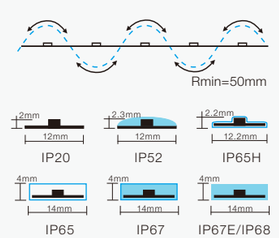
Order code: LY96-S5050RGBW27-W24-IP20
- IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- RGBW21/RGBW24/RGBW27/RGBW30/RGBW40/RGBW60

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

- 5050 LED RGB+white 4 chips in 1LED colorful strip
- High quality PCB,high thermal 3M adhesive
- Widely adaptable to all types of RGBW controllers

DIMENSIONS & WATERPROOF

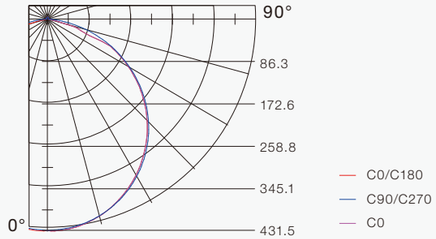




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	6LED(24V)/3LED(12V)
Step length	100mm(24V)/50mm(12V)
Power(W)	19.2Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.8A(24V)1.6A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB+6000K)



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

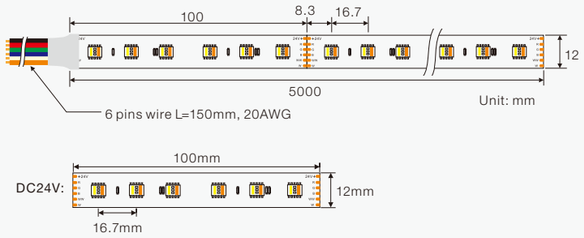
Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	4.26	141.98	33.33
Green	520~525nm	5.37	441.46	82.21
Blue	465~470nm	4.77	122.87	25.76
W	6000K	4.8	517.68	107.85
RGBW	/	19.2	1226.11	63.86

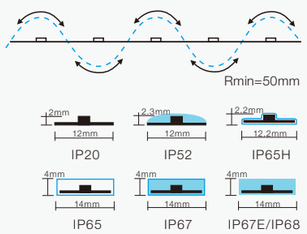
Order code: LY60-LS5050RGBW27-W24-IP20
- IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- RGBW27/RGBW30/RGBW40/RGBW60
- Voltage:W12/W24

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

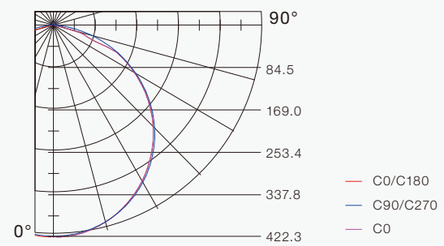




PRODUCT SPECIFICATION

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)

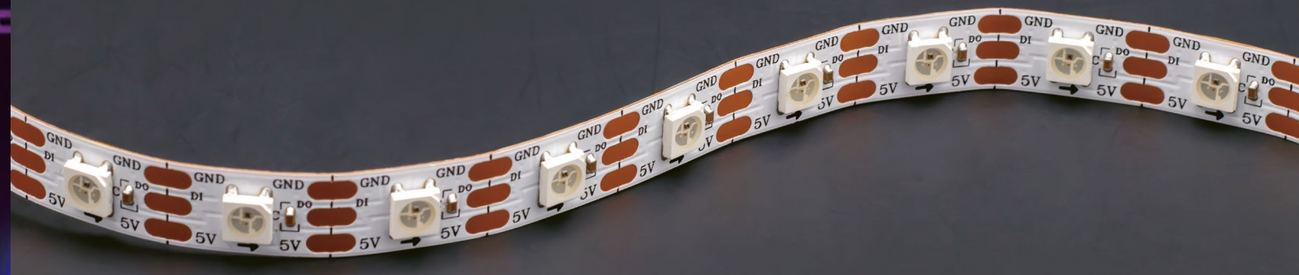
Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	619~625nm	3.32	107.90	32.50
Green	519~525nm	3.27	244.95	74.91
Blue	465~470nm	3.57	65.72	18.41
WW	2400K	3.72	311.28	83.68
W	6000K	3.73	390.08	104.58
RGBTW	/	18.24	1101.14	60.37

Order code: LY60-LS5050RGBTW-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

ADDRESSABLE COLORFUL SERIES

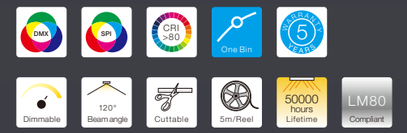
Individual addressable led strip is also called digital led strip, pixel led strip, programmable led strip, chasing led strip, magic led strip, or dream color led strip, is a led strip with control ICs that allow you to control individual LEDs or groups of LEDs. You can control a specific part of the led strip, which is why it is called ‘address-able’.

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



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

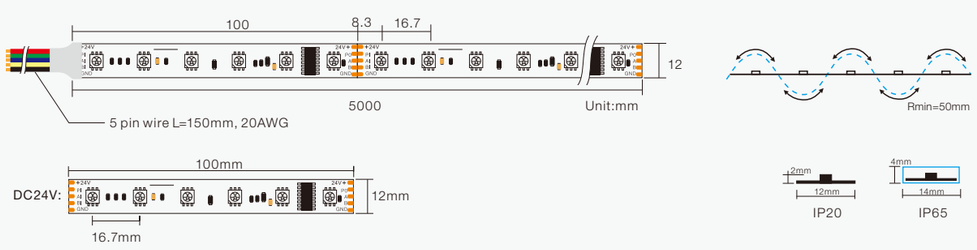
Model	LEDs/m	IC Type	Pixel (P/m)	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY60-S5050RGB-W5-SK6812 HOT	60	SK6812	60	10	16.66mm@5v	5v	10.6	>80	268	25.3	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGBW-W5-SK6812	60	SK6812	60	10	16.66mm@5v	5v	12	>80	655	54.6	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-W12-MT1809	60	MT1809	60	10	16.66mm@12v	12v	8	>80	250	31.3	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835-W24-UCS1903H	120	UCS1903H	10	10	100mm@24v	24v	14.4	>80	1200	83.3	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835RGB-W24-WS2811	120	WS2811	10	8	100mm@24v	24v	12.5	>80	389	31.1	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-W12-UCS1903H HOT	60	UCS1903H	20	10	50mm@12v	12v	14.4	>80	514	35.7	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-W24-UCS1903H	60	UCS1903H	10	10	100mm@24v	24v	14.4	>80	524	36.4	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGBW-W12-UCS2904B	60	UCS2904B	20	10	50mm@12v	12v	18	>80	758	42.1	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGBW-W24-UCS2904B	60	UCS2904B	10	10	100mm@24v	24v	18	>80	758	42.1	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY30-S5050RGB-W12-WS2818	30	WS2818	10	10	100mm@12v	12v	7.2	>80	281	39	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-S5050RGB-W12-WS2818	60	WS2818	20	10	50mm@12v	12v	14.4	>80	562	39	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-5050RGB-W24-WS2818	60	WS2818	10	10	100mm@24v	24v	14.4	>80	562	39	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-DMX5050RGB-W24-UCS512C4 HOT	60	DMX512-UCS512C4	10	12	100mm@24v	24v	14.4	>80	380	26.4	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-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.

DMX512 RGB 5050SMD 60LEDs 24V

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

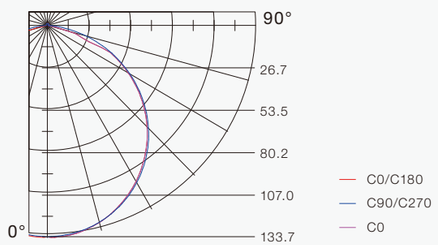
DIMENSIONS & WATERPROOF



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)

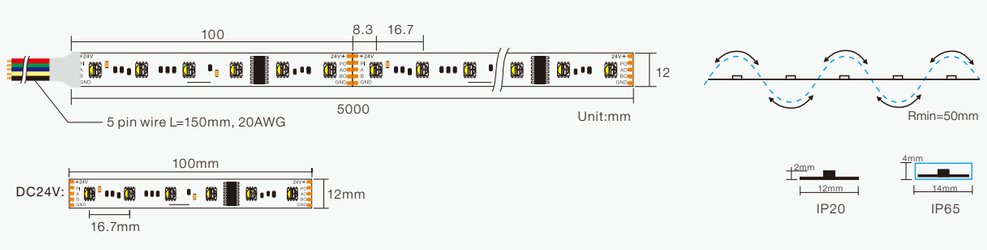
Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	4.63	134.15	28.97
Green	520~525nm	5.04	433.40	85.99
Blue	465~470nm	4.74	80.49	16.98
RGB	/	14.4	620	43.05

Order code: LY60-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 ablility of anti-interference and longer transmission distance
- Auto matically addressing with editor
- High quality PCB, high thermal 3M adhesive

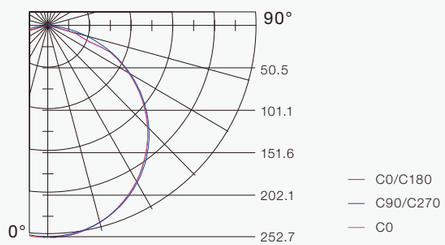
DIMENSIONS & WATERPROOF



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)

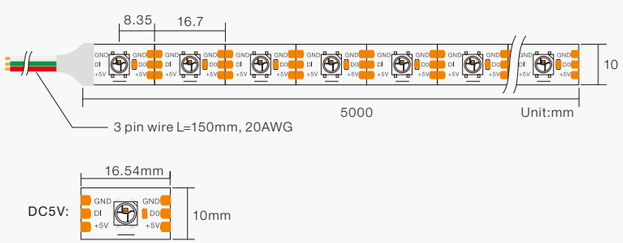
Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	4.26	141.89	33.33
Green	520~525nm	5.37	441.42	82.21
Blue	465~470nm	4.77	122.97	25.76
W	4000K	19.2	1207.49	62.89
RGBW	/	19.2	1226.11	63.86

Order code: LY60-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

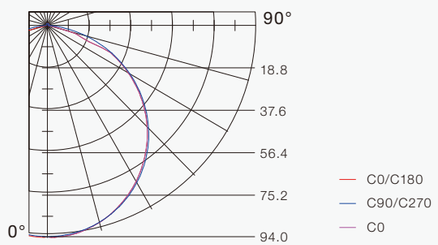
DIMENSIONS & WATERPROOF



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)

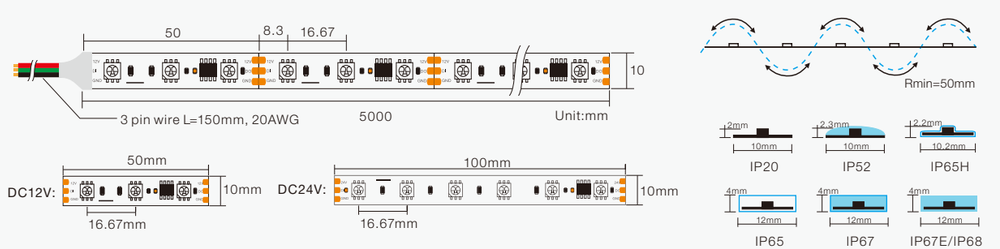
Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620~625nm	3.5	59	16.9
Green	520~525nm	3.5	178	50.7
Blue	465~470nm	3.5	45	12.8
RGB	/	10.6	268	25.3

Order code: LY60-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

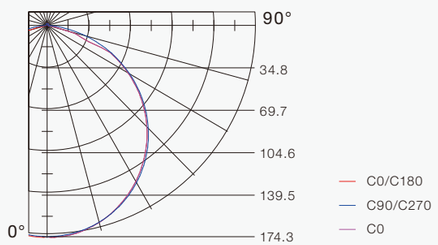
DIMENSIONS & WATERPROOF



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: LY60-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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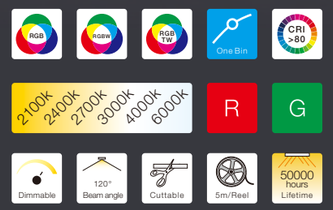


PRODUCT PARAMETER (48v)

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	Max Serial Run Length(M)	IP rate
LY80-S2835W30-W48-25	80	10	50mm@48v	48v	5.8	>90	534	92	25	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY160-S2835W30-W48-20	160	10	25mm@48v	48v	8.8	>90	792	90	20	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY72-S2835W30-W48-60	72	10	166.7mm@48v	48v	3.2	>90	336	105	60	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-S2835W30-W48-50	120	12	100mm@48v	48v	5.2	>90	541	104	50	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY150-S2835W30-W48-10	150	10	100mm@48v	48v	20	>90	2100	105	10	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-S2835W30-W48-40	240	12	100mm@48v	48v	10.5	>90	1071	102	40	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY54-S5050W30-W48-50	54	12	166.7mm@48v	48v	9.4	/	427	45.4	50	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY108-S5050W30-W48-40	108	12	166.7mm@48v	48v	12.5	>90	655	52.4	40	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY78-CS2835W30-W48-50	78	10	166mm@48v	48v	4.2	>90	430	102	50	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

PRODUCT PARAMETER (24v)

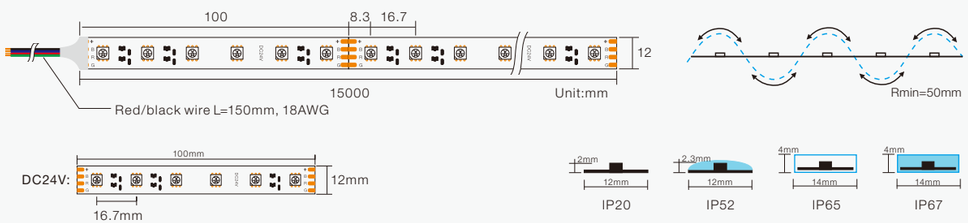
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	Max Serial Run Length(M)	IP rate
LY60-CS5050W30-W24-10	60	10	100mm@24v	24v	12	>90	940	78	10	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS2835W30-W24-10	60	10	100mm@24v	24v	12.5	>90	1090	87	10	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS2835W30-W24-15	60	10	100mm@24v	24v	10.5	>90	1090	87	15	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS2835W30-W24-20	60	12	100mm@24v	24v	8.5	>90	768	90	20	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-CS2835W30-W24-10	120	10	50mm@24v	24v	12	>90	1080	90	10	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-CS2835W30-W24-15	120	10	50mm@24v	24v	10	>90	910	91	15	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-CS2835W30-W24-15	120	12	100mm@24v	24v	12	>90	1140	95	15	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS5050W30-W24-15 HOT	60	12	100mm@24v	24v	11	/	550	50	15	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS5050W30-W24-15 HOT	60	12	100mm@24v	24v	11	>80	740	67	15	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS5050W30-W24-15 HOT	60	15	100mm@24v	24v	12	>80	750	68	15	IP20/IP52/IP65/IP67
LY70-CS2835W30-W24-5	70	10	100mm@24v	24v	12	>90	1218	101	5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY112-CS2835W30-W24-5	112	10	62.5mm@24v	24v	19.2	>90	1948	101	5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY70-CS5630W30-W24-5	70	12	100mm@24v	24v	14.4	>80	1940	134	5	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS2835W30-W24-25	60	10	100mm@24v	24v	4.8	>90	480	100	25	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY60-CS2835W30-W24-20	60	10	100mm@24v	24v	7.2	>90	700	97	20	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY70-CS2835W30-W24-18	70	10	100mm@24v	24v	4.8	>90	560	116	18	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY70-CS2835W30-W24-14	70	10	100mm@24v	24v	7.2	>90	820	113	14	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-CS2835W30-W24-17	120	10	50mm@24v	24v	9.6	>90	960	100	17	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY120-CS2835W30-W24-13	120	10	50mm@24v	24v	14.4	>90	1400	97	13	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY140-CS2835W30-W24-12	140	10	50mm@24v	24v	9.6	>90	1120	116	12	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY140-CS2835W30-W24-9	140	10	50mm@24v	24v	14.4	>90	1638	113	9	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY180-CS2835W30-W24-12	180	10	100mm@24v	24v	14.4	>90	1440	100	12	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY240-CS2835W30-W24-9	240	10	100mm@24v	24v	19.2	>90	1920	100	9	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY90-CS3528W30-W36-30	90	12	100mm@36v	36v	7.2	>90	596	82	30	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY90-CS2835W30-W36-30	90	12	100mm@36v	36v	7.2	>90	700	97	30	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

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

RGB SLCC 5050SMD 60LEDs 24V 15M

- 5050 LED Super long constant current design strip with one end power
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- widely adaptable to all types of RGB controllers

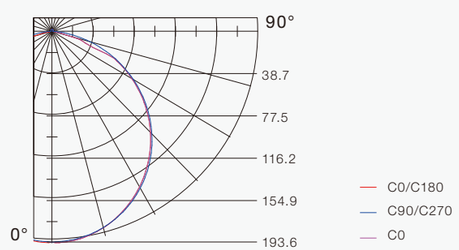
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	15000mmx12mmx2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	6LED(24V)
Step length	100mm(24V)
Power(W)	11Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.45A(24V)
Copper foil	3oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 24V)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

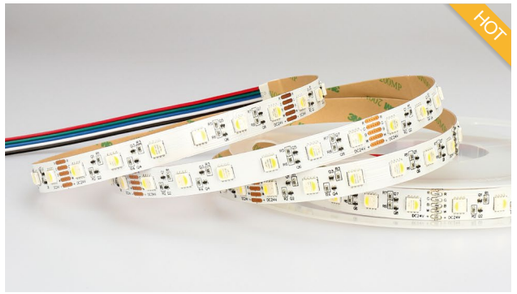
Color	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	Peak Wavelength(nm)	Dominant Wavelength(nm)	CCT(K)	CRI
Red	3.67	120.12	32.73	630.07	623.17	/	/
Green	3.67	340.21	92.70	520.18	528.16	/	/
Blue	3.67	78.40	21.36	452.20	457.37	/	/
RGB	11	550.25	50.02	/	/	39035.84	57.31

Order code: LY60-LS5050RGB-W24-IP20-15

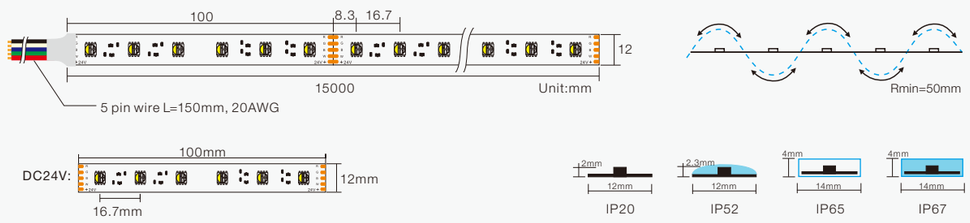
IP20/IP52/IP65/IP67

RGBW SLCC 5050SMD 60LEDs 24V 15M

- 5050 LED Super long constant current design strip with one end power
- RGB+white 4 chips in 1LED colorful strip
- High quality PCB,high thermal 3M adhesive
- Widely adaptable to all types of RGBW controllers



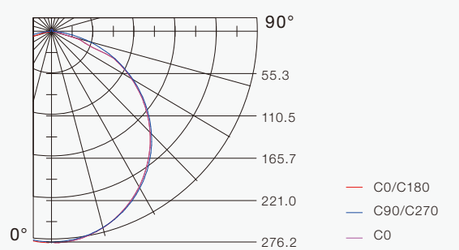
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	15000mmx12mmx2mm
Chip density	60LED,16.7mm LED pitch
Step LEDs	6LEDs
Step length	100mm
Power(W)	11Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.45A
Copper foil	3oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB+6000K)



PRODUCT PHOTOMETRICS (The data base on IP20)

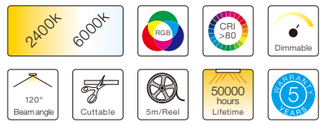
CCT(K)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	CRI
RGB+2700	11	720.23	65.48	58.06
RGB+3000	11	760.31	69.12	56.38
RGB+4000	11	780.03	70.91	62.21
RGB+6000	11	785.04	71.37	69.24

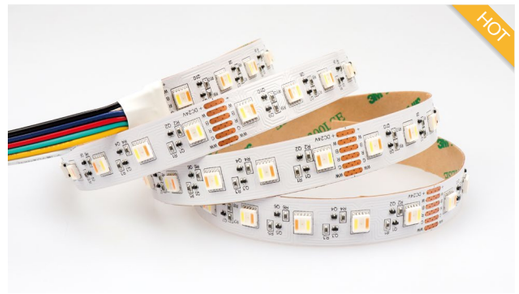
Order code: LY60-LS5050RGBW27-W24-IP20-15

RGBW27/RGBW30/RGBW40/RGBW60 — IP20/IP52/IP65/IP67

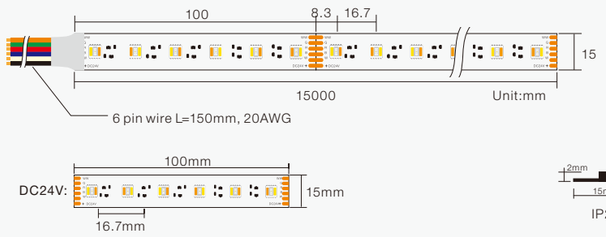
RGBTW SLCC 5050SMD 60LEDs 24V 15M

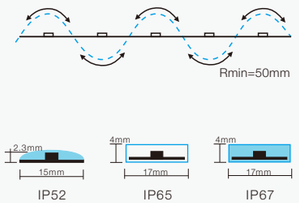
- 5050 LED Super long constant current design strip with one end power
- RGB+tunable white 5 chips in 1LED colorful strip
- High quality PCB,high thermal 3M adhesive
- Widely adaptable to all types of RGBTW controllers

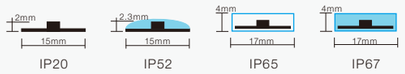




DIMENSIONS & WATERPROOF



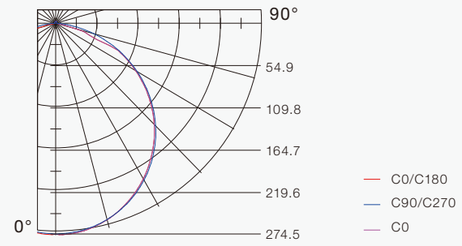




PRODUCT SPECIFICATION

Dimension	15000mmx15mmx2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	6LEDs
Step length	100mm
Power(W)	12Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.5A
Copper foil	3oz
Ambient temperature	-20°C~+50°C

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



PRODUCT PHOTOMETRICS (The data base on IP20)

CCT(K)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	CRI
2400	2.4	240.38	100.16	83.10
6000	2.4	295.03	122.93	82.98
2400+6000	4.8	540.19	112.54	88.40
RGB	7.2	300.31	41.71	79.23
RGB+2400+6000	12.0	780.24	65.02	77.25

Order code: LY60-LS5050RGBTW-W24-IP20-15
IP20/IP52/IP65/IP67

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

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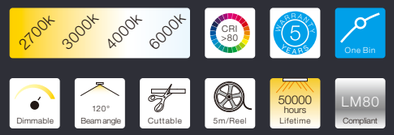


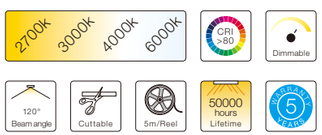
PRODUCT PARAMETER

Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY64-HS2835W30-W24-CV HOT	64	10	125mm@24v	24v	9.6	>80	1536	160	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY64-XHS2835W30-W24-CV	64	10	125mm@24v	24v	9.6	>80	1728	180	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY80-HS2835W30-W24-CV	80	10	100mm@24v	24v	12	>80	1920	160	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY80-XHS2835W30-W24-CV	80	10	100mm@24v	24v	12	>80	2160	180	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY128-HS2835W30-W24-CV	128	10	62.5mm@24v	24v	18	>80	2880	160	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY128-XHS2835W30-W24-CV	128	10	62.5mm@24v	24v	18	>80	3240	180	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY160-HS2835W30-W24-CV HOT	160	10	50mm@24v	24v	21	>80	3360	160	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68
LY160-XHS2835W30-W24-CV	160	10	50mm@24v	24v	21	>80	3780	180	IP20/IP52/IP65/IP65H/ IP65E/IP67/IP67E/IP68

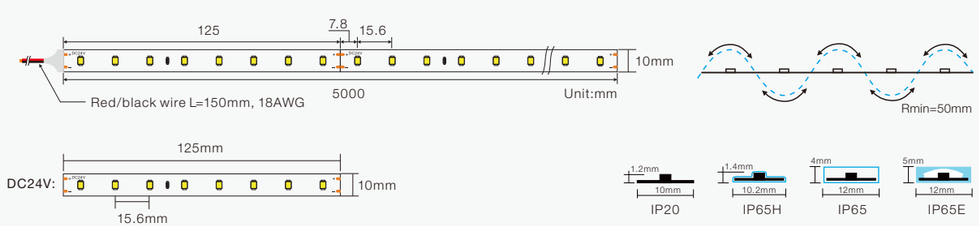
Note: The given data are typical values. Due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%. Detailed specification, pls download from our website or contact our sales.

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.



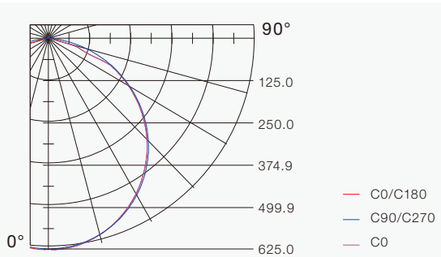
DIMENSIONS & WATERPROOF



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)

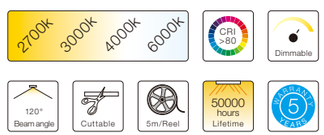
CCT(K)	CRI	Lumen(lm/m)	Efficacy(lm/w)
2700±100	80	1488.00	155
3000±100	80	1536.00	160
4000±200	80	1603.20	167
6500±300	80	1603.20	167

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

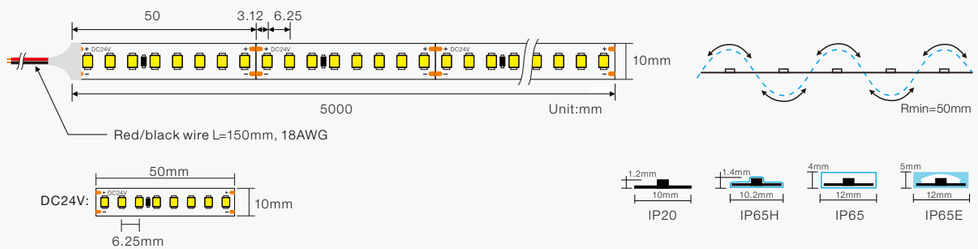
Order code: LY64-HS2835W30-W24-CV-IP20 — IP20/IP65H/IP65/IP65E
CCT:W27/W30/W40/W66

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.



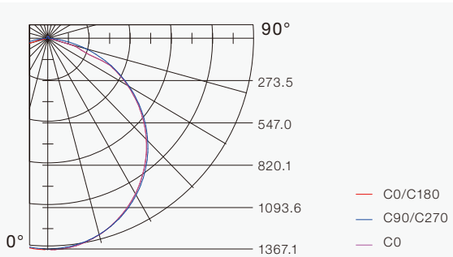
DIMENSIONS & WATERPROOF



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: LY160-H2835W30-W24-CV-IP20 — IP20/IP65H/IP65/IP65E
CCT:W27/W30/W40/W66

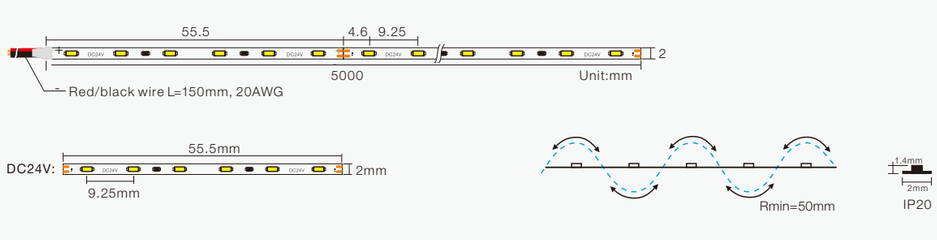
SPECIAL SERIES

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 108LEDs 24V 2mm

- 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

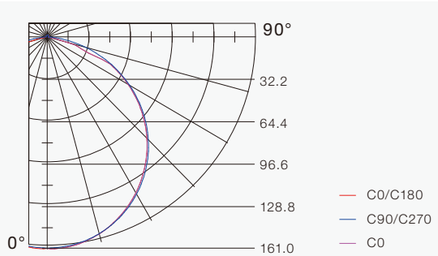
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx2mmx1.4mm
Chip density	108LEDs/m,9.25mm pitch
Step LEDs	6LED
Step length	55.5mm
Power(W)	5Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.21A
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)

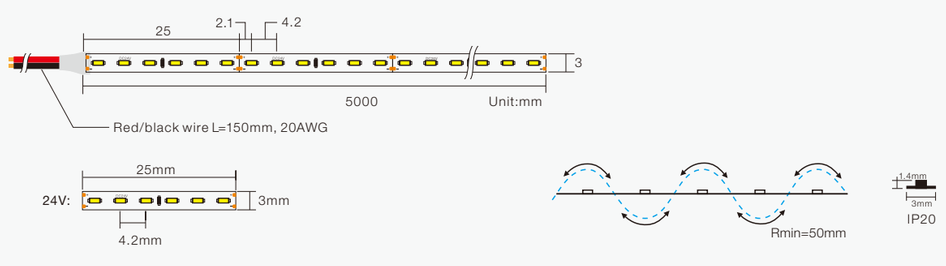
CCT(K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2400±100	345.6	69.12	91.47	76.83	90.81	101.82
2700±100	410.4	82.08	91.33	78.86	92.80	100.81
3000±100	453.6	90.72	92.65	84.93	90.80	103.96
4000±200	442.8	88.56	93.42	85.95	90.95	100.00
6000±300	486	97.20	92.52	90.95	91.96	101.89

Order code: LY108-S2010W30-W24-IP20
CCT:W24/W27/W30/W40/W60

NARROW 2010SMD 240LEDs 24V 3mm

- 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

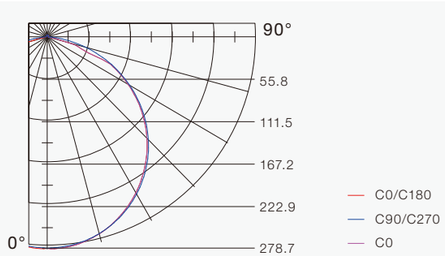
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx3mmx1.4mm
Chip density	240LEDs/m,4.2mm pitch
Step LEDs	6LED
Step length	25mm
Power(W)	8Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.33A
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 CRI>90)

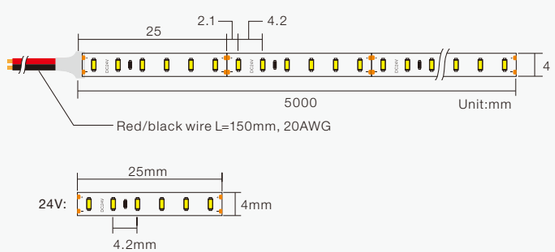
CCT(K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2400±100	576.00	72.00	91.47	76.83	90.81	101.82
2700±100	672.00	84.00	91.33	78.86	92.80	100.81
3000±100	744.00	93.00	92.65	84.93	90.80	103.96
4000±200	720.00	90.00	93.42	85.95	90.95	100.00
6000±300	792.00	99.00	92.52	90.95	91.96	101.89

Order code: LY240-S2010W30-W24-IP20
IP20
CCT:W24/W27/W30/W40/W60

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

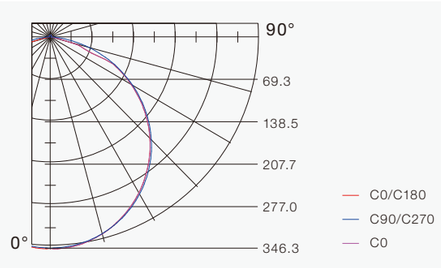
DIMENSIONS & WATERPROOF



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
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



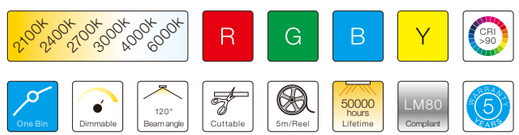
PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI>90)

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

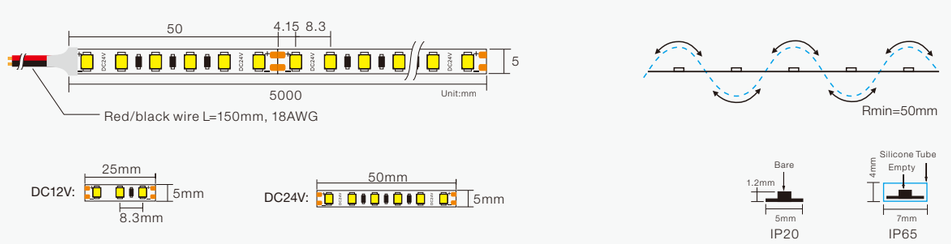
Order code: LY240-S2010 W30 -W24- IP20 — IP20/IP65
CCT:W24/W27/W30/W40/W60

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



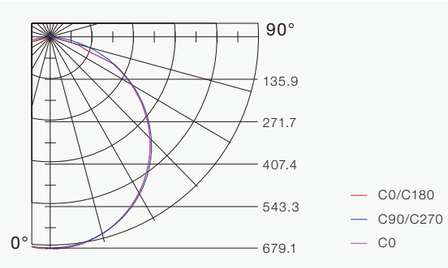
DIMENSIONS & WATERPROOF



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)
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	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

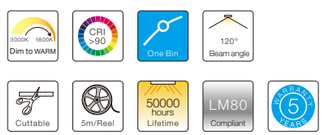
Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LY120-S2835 W30 -W24- IP20 — IP20/IP65
CCT:W21/W24/W27/W30/W40/W60 — Voltage:W12/W24

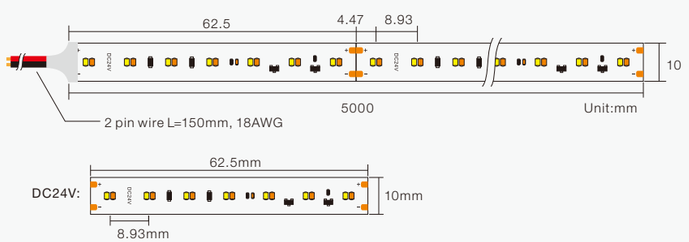
Special Series

DIM TO WARM 2216SMD 224LEDs 24V

- Dim from Warm White 3000K to WarmWhite 1800K
- Dim by Triac, 0/1-10V, DALI, PWM constant voltage dimmable driver
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



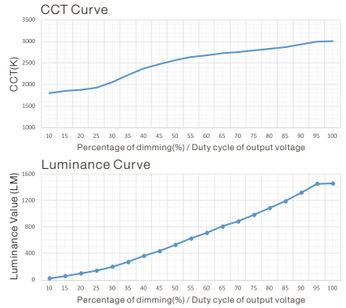
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

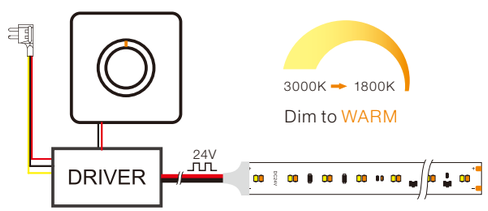
Dimension	5000mmx10mmx1.2mm
Chip density	224LEDs/m,8.93mm pitch
Step LEDs	14LED
Step length	62.5mm
Power(W)	18Watt/meter
Lumen	1389lumen/meter
Voltage(V)	DC24V
Current(A/m)	0.75A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

DIMMING CURVE (Base on Ip20 CRI>90)

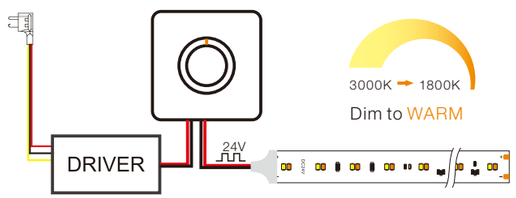


WIRING DIAGRAM

0/1-10V Dimmer



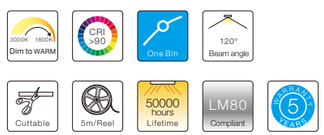
Traditional PWM dimmer



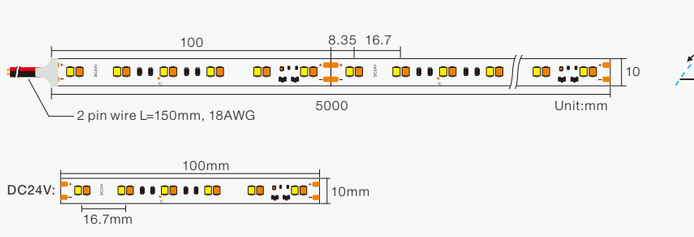
Order code: LY224-S2216DTW-W24-IP20 — IP20/IP65H/IP65

DIM TO WARM 2835SMD 120LEDs 24V

- Dim from Warm White 3500K to WarmWhite 2100K
- Dim by Triac, 0/1-10V, DALI, PWM constant voltage dimmable driver
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



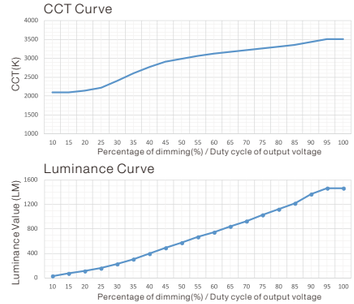
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

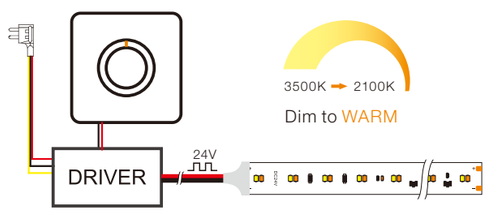
Dimension	5000mmx10mmx1.2mm
Chip density	120LEDs/m,16.7mm pitch
Step LEDs	12LEDs
Step length	100mm
Power(W)	14.4Watt/meter
Lumen	1137lumen/meter
Voltage(V)	DC24V
Current(A/m)	0.6A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

DIMMING CURVE (Base on Ip20 CRI>90)

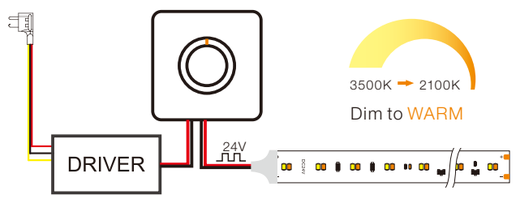


WIRING DIAGRAM

0/1-10V Dimmer



Traditional PWM dimmer

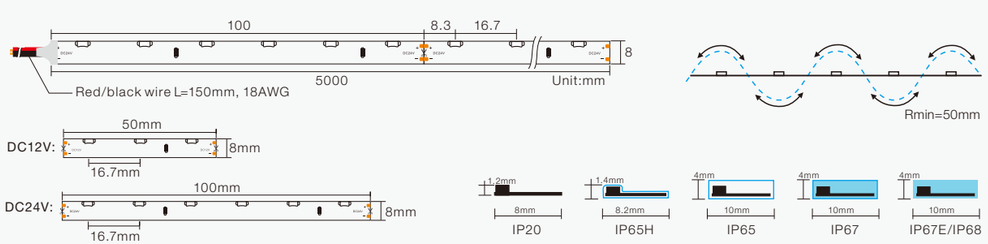


Order code: LY120-DTW2835-W24-IP20 — IP20/IP65H/IP65

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

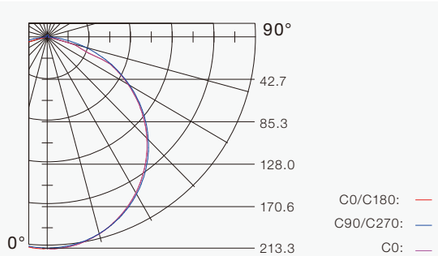
DIMENSIONS & WATERPROOF



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.

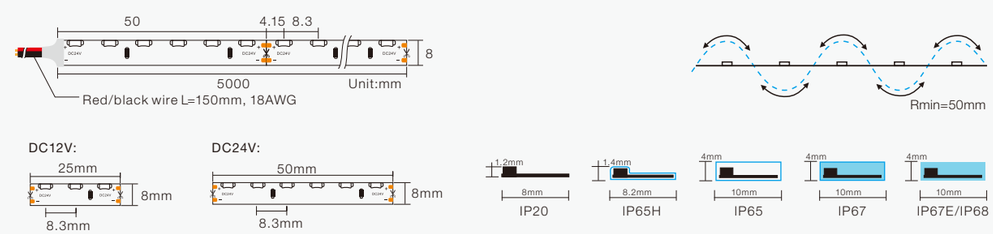
Order code: LY60-ES3014W30-W24-IP20 — IP20/IP65H/IP65/IP67/IP67E/IP68

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

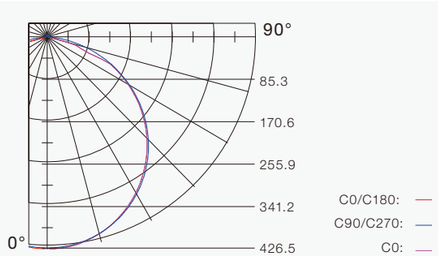
DIMENSIONS & WATERPROOF



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

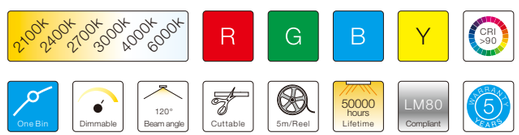
Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LY120-ES3014W30-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

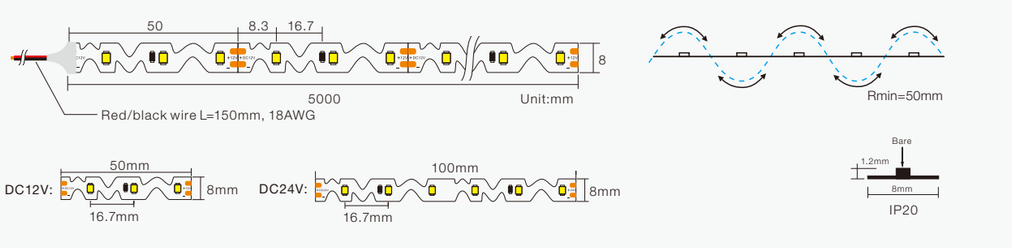
CCT:W27/W30/W40/W60 — Voltage:W12/W24

S SHAPE 2835SMD 60LEDs 12V/24V

- 2835 LED S shape design,horizontal bending for signage lighting
- Self-encapsulated design offers optional 2100-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



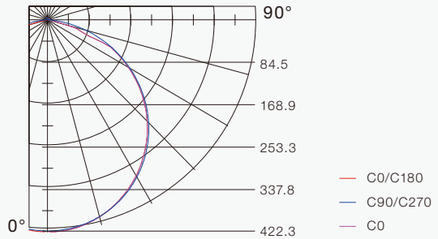
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx8mmx1.2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	6LED(24V)3LED(12V)
Step length	100mm(24V)/50mm(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>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
2100±100	834.12 | 1170	69.51 | 97.5	91.05 | 81.5	69.80 | 7	90.81 | 81	101.81 | 90
2400±100	954.60 | 1260	79.55 | 105.0	90.94 | 81.0	76.95 | 5	90.96 | 83	101.89 | 92
2700±100	1045.20 | 1320	87.10 | 110.0	91.26 | 82.0	78.92 | 8	92.92 | 82	100.92 | 96
3000±100	1073.16 | 1380	89.43 | 115.0	91.95 | 82.2	84.86 | 6	90.91 | 81	104.00 | 92
4000±200	1154.76 | 1410	96.23 | 117.5	95.64 | 82.5	85.92 | 5	90.97 | 78	99.93 | 95
6000±300	1130.28 | 1428	94.19 | 122.4	93.55 | 82.0	98.98 | 6	91.81 | 86	101.99 | 96

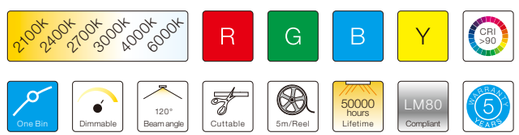
Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LY60-BS2835WW30-W24-IP20

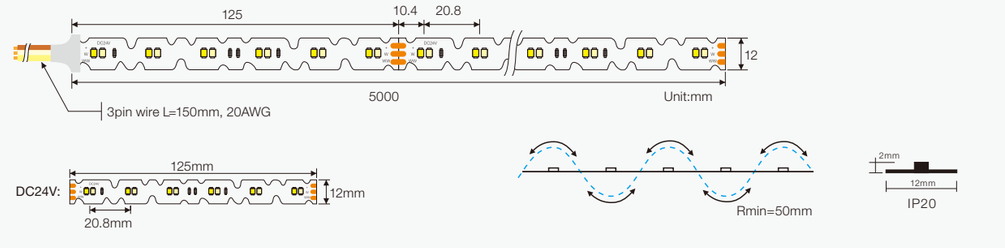
CCT:W21/W24/W27/W30/W40/W60 — Voltage:W12/W24

S SHAPE TW 2835SMD 96LEDs 24V

- 2835 LED S shape design,horizontal bending for signage lighting
- Self-encapsulated design offers optional 2100-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



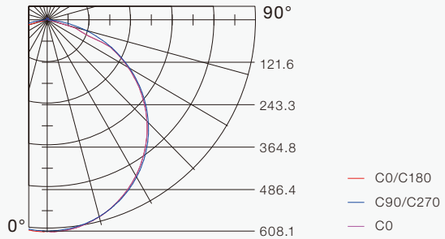
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx1.2mm
Chip density	96LEDs/m,20.8mm pitch
Step LEDs	12LED
Step length	125mm
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 2700K+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	EEI Class CRI>90 | CRI>80
2700±100	782 | 1056	81.5 | 110	91 | 82.0	78 | 8	89 | 82	100 | 96	B | A
6000±300	1000 | 1190	100 | 119	92 | 82.0	82 | 6	91 | 86	101 | 96	B | A
2700+6000	1728 | 2188	90.0 | 114	94 | 82.5	77 | 5	90 | 78	99 | 95	A^+ | A^+

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

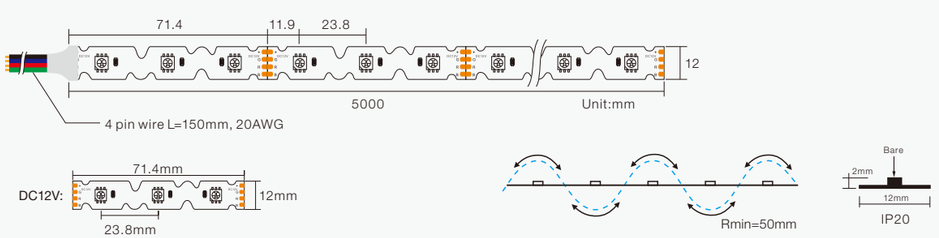
Order code: LY96-BS2835TW-W24-IP20

TW2160/TW2460/TW2760/TW3060/TW4060 — W12/W24

S SHAPE RGB 5050SMD 42LEDs 12V

- 5050 LED S shape design,horizontal bending for signage lighting
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- Widely adaptable to all types of controllers

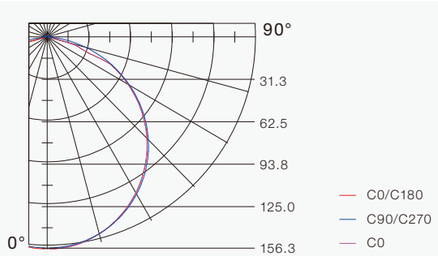
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	42LEDs/m,23.8mm pitch
Step LEDs	3LED
Step length	71.4mm
Power(W)	10Watt/meter
Voltage(V)	DC12V
Current(A/m)	0.83A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20)



PRODUCT PHOTOMETRICS (The data base on IP20)

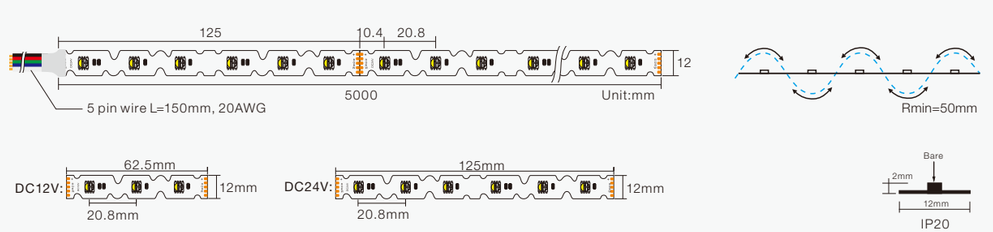
Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620nm	3.20	103.10	32.22
Green	520nm	3.52	336.34	95.55
Blue	465nm	3.28	61.96	18.89
RGB	/	10	440.00	44.00

Order code: LY42-BS5050RGB-W12-IP20

S SHAPE RGBW 5050SMD 48LEDs 12V/24V

- 5050 LED S shape design,horizontal bending for signage lighting
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- Widely adaptable to all types of controllers

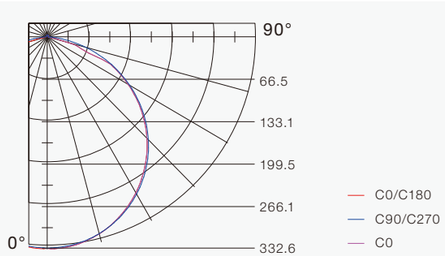
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	48LEDs/m,20.8mm pitch
Step LEDs	6LED(24V)/3LED(12V)
Step length	125mm(24V)/62.5mm(12V)
Power(W)	14.4Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.62A(24V)/1.2A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB+6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

Color	CCT/Wavelength	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)
Red	620nm	3.21	113.6	35.29
Green	520nm	3.85	313.9	81.38
Blue	465nm	3.54	84.81	23.93
W	6000K	4.11	450.36	109.55
RGBW	/	14.43	956.36	66.28

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

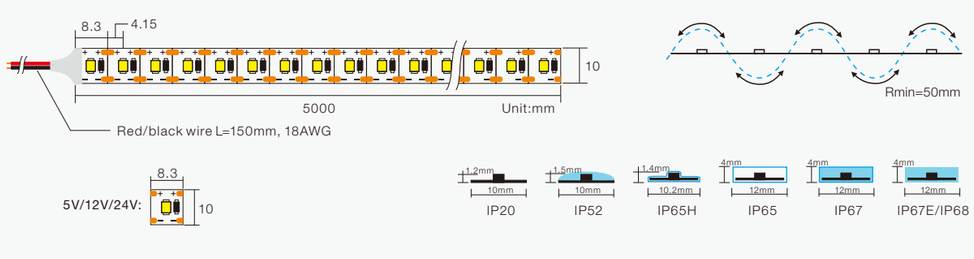
Order code: LY48-BS5050RGBW30-W24-IP20

RGBW27/RGBW30/RGBW40/RGBW60 — Voltage:W12/W24

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

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

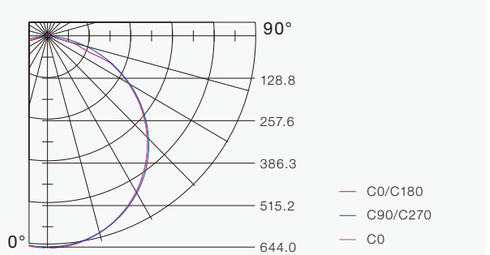
DIMENSIONS & WATERPROOF



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

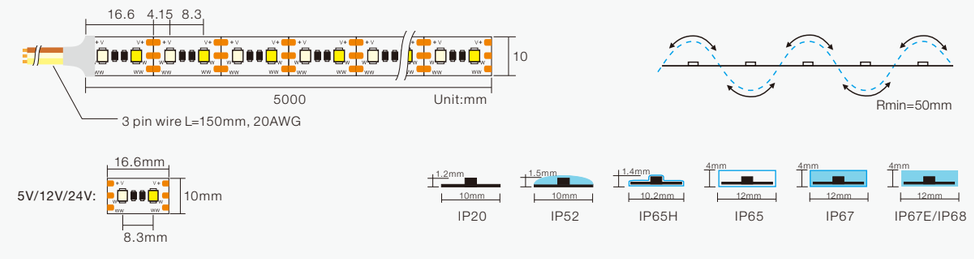
Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LY120-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

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

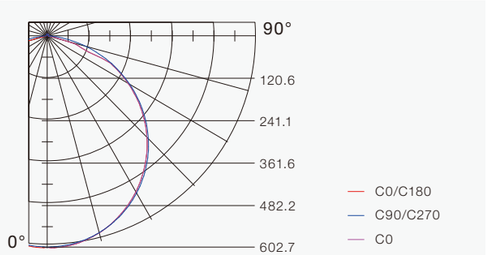
DIMENSIONS & WATERPROOF



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)

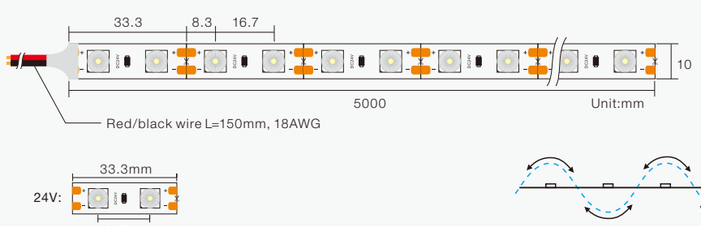
CCT (K)	Lumen(lm/m) CRI>90|CRI>80	Efficacy(lm/w) CRI>90|CRI>80	CRI CRI>90|CRI>80	R9 CRI>90 | CRI>80	Rf(Fidelity) CRI>90|CRI>80	Rg(Gamut) CRI>90|CRI>80
2700±100	760.00 | 1026.17	80.00 | 108.14	90.32 | 81.51	76.81 | 15.01	90.00 | 76.10	101.33 | 96.15
6000±400	814.72 | 1149.13	85.76 | 121.13	90.26 | 81.95	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: LY120-OS2835TW2760-W24-IP20 — IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
CCT:TW2160/TW2460/TW2760/TW3060... — Voltage:W5/W12/W24

160°BEAM ANGLE 6060SMD 60LEDs 24V

- 6060 LED with broader luminous surface with LENs
- Self-encapsulated design offers optional 2700-6000K
- Four white color temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

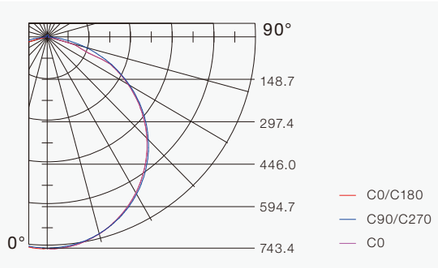
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx3.4mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	2LED
Step length	33.3mm
Power(W)	20Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.83A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



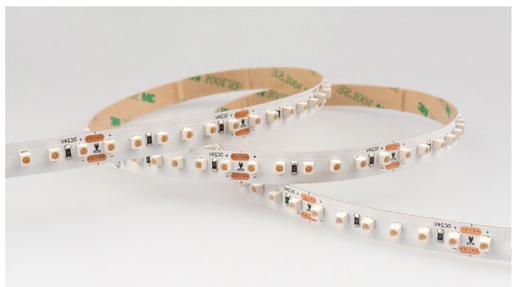
PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI>80)

CCT(K)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)
2700±100	1912.0	95.60	82.35	12.76	80.10	92.63
3000±100	2013.0	100.65	84.20	13.54	81.93	93.91
4000±200	2070.4	103.52	83.51	15.04	83.98	94.28
6000±300	2112.6	105.63	85.17	20.05	83.09	95.90

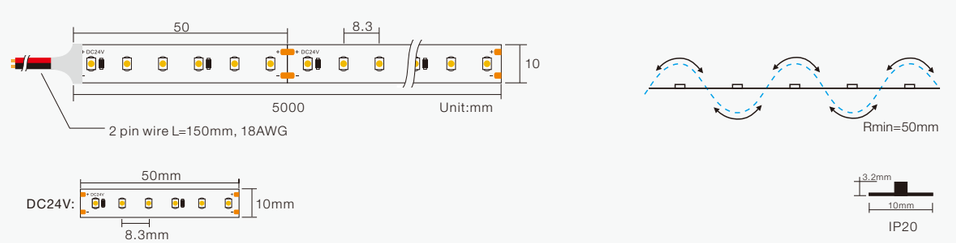
Order code: LY60-S6060W30-W24-IP20
CCT:W27/W30/W40/W60

60°BEAM ANGLE 2835SMD 120LEDs 24V

- 2835 LED with special secondary optical design
- Self-encapsulated design offers optional 2700-6000K
- Four white color temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery



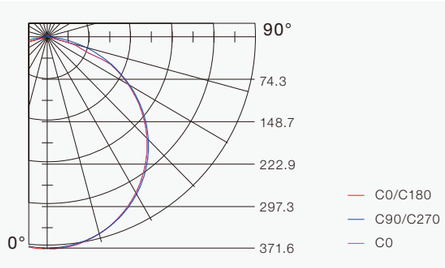
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx3.2mm
Chip density	120LED,8.3mm LED pitch
Step LEDs	6LEDs
Step length	50mm
Power(W)	14.4Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.89A
Copper foil	2oz
Ambient temperature	-20°C~+45°C

POLAR CURVE (Base on IP20 RGB+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	1020.0	70.8	80.0	13.56	82.14	92.82
3000±100	1080.0	75.0	80.0	14.24	83.14	94.01
4000±200	1020.0	71.0	80.0	15.84	84.01	94.75
6000±300	1056.0	73.3	80.0	21.35	93.17	96.20

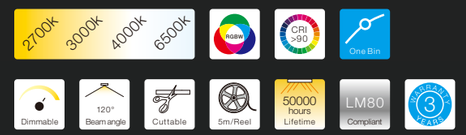
Order code: LY120-S2835W30-W24-IP20
CCT:W27/W30/W40/W60

SAUNA ROOM LED SERIES

Sauna-Room LED Strip, also called high temperature led strip, is a high-temperature resistance, IP65 waterproof LED strip that can work in sauna and steam rooms with ambient temperatures up to 100℃.

SAUNA ROOM LED SERIES

Sauna Room LED Strip, also called high temperature led strip, is a high-temperature resistance, IP65 waterproof LED strip that can work in sauna and steam rooms with ambient temperatures up to 100℃.



PRODUCT PARAMETER

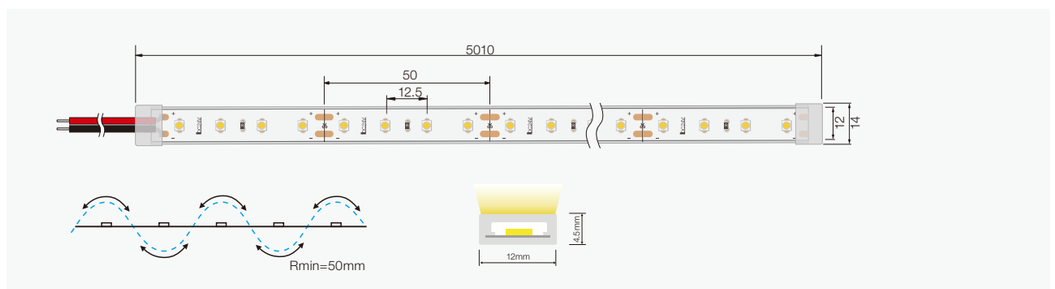
Model	LEDs/m	PCB Width (mm)	Cutting Length (mm)	Voltage (Vdc)	Power (w/m)	CRI	Lumen (lm/m) @3000K	Efficacy (Lm/w) @3000K	IP rate
LY80-S3030W30-Wx HOT	80	12	50mm@24v	24v	4.8	>80	830.4	173	IP65
LY80-S3030W30-Wx	80	12	50mm@24v	24v	9.6	>80	1660.8	173	IP65
LY60-S5050RGBW-HT-Wx	60	14	100mm@24v	24v	10	>80	565.2	56.5	IP65

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.

3030SMD 80LEDs LED STRIP 24V

- High temperature resistance LUMILEDS LUXEON 3030 LEDs
- Food grade silicone extrusion process, IP65 rating
- -25°C ≤Ta ≤100°C
- 3 years warranty

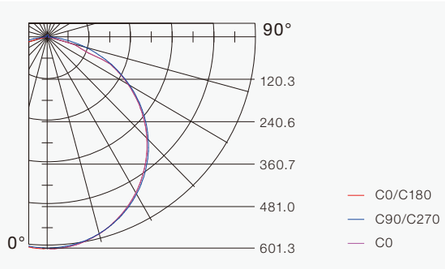
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx4.5mm
Chip density	80LEDs/m,16.7mm pitch
Step LEDs	4LEDs
Step length	50mm
Power(W)	4.8W/9.6W
Voltage(V)	DC24V
Current(A/m)	0.2A/0.4A
Copper foil	2oz
Ambient temperature	-25°C~+100°C

POLAR CURVE (Base on IP20 CRI>80 6500K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT(K)	CRI	Lumen(@4.8W/M) (lm/m)	Efficacy(@4.8W/M) (lm/w)	Lumen(@9.6W/M) (lm/m)	Efficacy(@9.6W/M) (lm/w)
2700±100	>80	782.4	163	1564.8	163
3000±100	>80	830.4	173	1660.8	173
3500±200	>80	840	175	1680	175
4000K $^{-200K}_{+300K}$	>80	854.4	178	1708.8	178
5000K $^{-200K}_{+400K}$	>80	854.4	178	1708.8	178
6500K $^{-500K}_{+100K}$	>80	854.4	178	1708.8	178

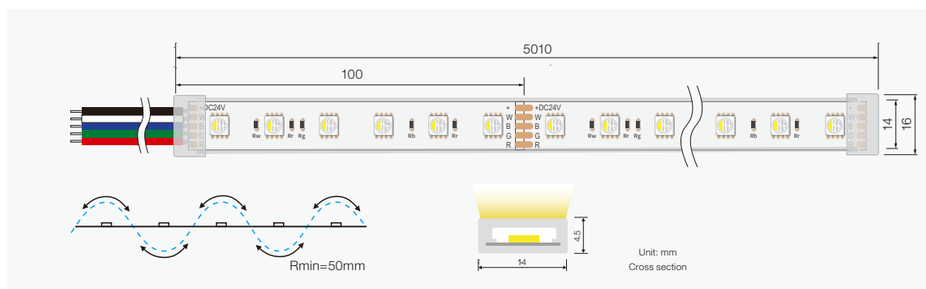
Order code: LY80-S3030W30-W24-IP25

CCT:W27/W30/W35/W40/W50/W60

S5050RGBW 60LEDs LED STRIP 24V

- High temperature resistance LUMILEDS LUXEON S5050LEDs
- Food grade silicone extrusion process, IP65 rating
- -25°C ≤Ta ≤100°C
- 3 years warranty

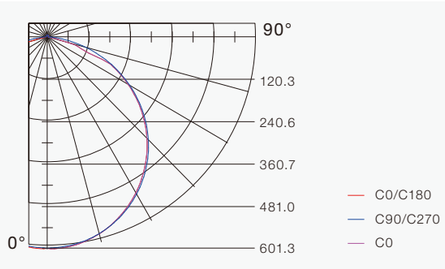
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5010mmx14mmx4.5mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	4LEDs
Step length	100mm
Power(W)	10W
Voltage(V)	DC24V
Current(A/m)	0.4A
Copper foil	2oz
Ambient temperature	-25°C~+100°C

POLAR CURVE (Base on IP20 CRI>80 6500K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT(K)	CRI	Power(W)	Lumen (lm/m)	Efficacy (lm/w)	CV/CC
R	/	2.5	85.5	34.2	CV
G	/	2.5	252.5	101	CV
B	/	2.5	55.75	22.3	CV
W (4000K)	≥80	2.5	231.5	92.6	CV
RGBW	/	10	628	62.8	CV

Order code: LY60-S5050RGBW-HT-W24-IP65

FLEX LED SHEET SERIES

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.

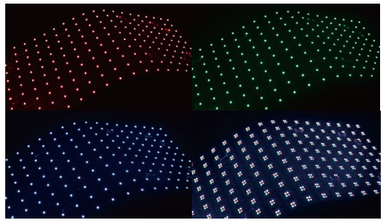
FLEX LED SHEET

FEATURES

- 24 VDC input.
- 90+ CRI
- Single white / tunable white / RGBW options
- Highly adaptable design accommodates virtually any application
- LED lifetime of 50,000 hours (L70)
- 3M adhesive backing
- Operating temperature of -40~113° F (-20~45° C)
- IP20 environmental rating

APPLICATIONS

Some common applications include sign lighting, bias lighting, cove lighting, task lighting, backlighting, accent lighting, and under cabinet lighting.



SINGLE WHITE PARAMETERS

Part NO.	Size	LED Type	LED QTY	LED Segment	Voltage	Power	CRI	CCT	Lumen (lm/Sheet)	Efficacy (lm/w)
LY420-LS2835W27-24V-Ra90-11W	503.5 x 235mm	SMD2835	420LEDs/Sheet	1LED/Seg	24V	11W/Sheet	Ra>90	2700K	1012	92
LY420-LS2835W30-24V-Ra90-11W								3000K	1012	92
LY420-LS2835W40-24V-Ra90-11W								4000K	1144	104
LY420-LS2835W65-24V-Ra90-11W								6500K	1078	98
LY420-LS2835W27-24V-Ra90-22W	503.5 x 235mm	SMD2835	420LEDs/Sheet	1LED/Seg	24V	22W/Sheet	Ra>90	2700K	2024	92
LY420-LS2835W30-24V-Ra90-22W								3000K	2024	92
LY420-LS2835W40-24V-Ra90-22W								4000K	2288	104
LY420-LS2835W65-24V-Ra90-22W								6500K	2156	98
LY420-LS2835W27-24V-Ra90-33W	503.5 x 235mm	SMD2835	420LEDs/Sheet	1LED/Seg	24V	33W/Sheet	Ra>90	2700K	3036	92
LY420-LS2835W30-24V-Ra90-33W								3000K	3036	92
LY420-LS2835W40-24V-Ra90-33W								4000K	3432	104
LY420-LS2835W65-24V-Ra90-33W								6500K	3234	98

TUNABLE WHITE PARAMETERS

Part NO.	Size	LED Type	LED QTY	LED Segment	Voltage	Power	CRI	CCT	Lumen (lm/Sheet)	Efficacy (lm/w)
LY840-LS2835TW2765-24V-Ra90-22W	503.5 x 235mm	SMD2835	840LEDs/Sheet	2LED/Seg	24V	22W/Sheet	Ra>90	2700K(ONLY)	1012	92
LY840-LS2835TW2765-24V-Ra90-22W								6500K(ONLY)	1078	98
LY840-LS2835TW2765-24V-Ra90-22W								2700K+6500K	2090	95
LY840-LS2835TW2765-24V-Ra90-44W	503.5 x 235mm	SMD2835	840LEDs/Sheet	2LED/Seg	24V	44W/Sheet	Ra>90	2700K(ONLY)	2024	92
LY840-LS2835TW2765-24V-Ra90-44W								6500K(ONLY)	2156	98
LY840-LS2835TW2765-24V-Ra90-44W								2700K+6500K	4180	95
LY840-LS2835TW2765-24V-Ra90-66W	503.5 x 235mm	SMD2835	840LEDs/Sheet	2LED/Seg	24V	66W/Sheet	Ra>90	2700K(ONLY)	3036	92
LY840-LS2835TW2765-24V-Ra90-66W								6500K(ONLY)	3234	98
LY840-LS2835TW2765-24V-Ra90-66W								2700K+6500K	6270	95

Note: Our tunable white LEDs utilize separate warm and cool white channels for color mixing.
3rd party controls must account for proportional balancing of the two channels.
Example: If Warm White = 100% ON then Cool White = OFF. If Warm White = 25% ON, then Cool White = 75% ON.

RGBW PARAMETERS

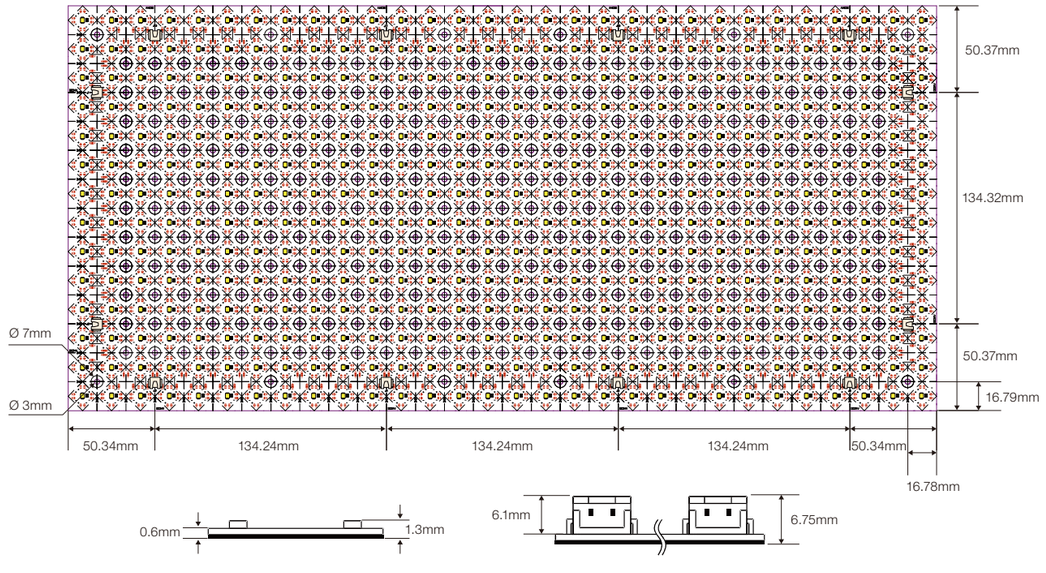
Part NO.	Size	LED Type	LED QTY	LED Segment	Voltage	Power	CRI	CCT	Lumen (lm/Sheet)	Efficacy (lm/w)
LY800-LS2835RGBW-24V-Ra90-11W	503.5 x 235mm	SMD2835	800LEDs /Sheet	4LED/Seg	24V	11W/Sheet	Ra>90	Red ONLY	55	20
LY800-LS2835RGBW-24V-Ra90-11W								Green ONLY	217	79
LY800-LS2835RGBW-24V-Ra90-11W								Bue ONLY	91	33
LY800-LS2835RGBW-24V-Ra90-11W								White ONLY	248	90
LY800-LS2835RGBW-24V-Ra90-11w								RGBW	151	55
LY800-LS2835RGBW-24V-Ra90-22w	503.5 x 235mm	SMD2835	800LEDs /Sheet	4LED/Seg	24V	22W/Sheet	Ra>90	Red ONLY	110	20
LY800-LS2835RGBW-24V-Ra90-22w								Green ONLY	435	79
LY800-LS2835RGBW-24V-Ra90-22w								Bue ONLY	182	33
LY80O-LS2835RGBW-24V-Ra90-22w								White ONLY	495	90
LY800-LS2835RGBW-24V-Ra90-22w								RGBW	303	55
LY80O-LS2835RGBW-24V-Ra90-33w	503.5 x 235mm	SMD2835	800LEDs /Sheet	4LED/Seg	24V	33W/Sheet	Ra>90	Red ONLY	168	20
LY80O-LS2835RGBW-24V-Ra90-33w								Green ONLY	652	79
LY800-LS2835RGBW-24V-Ra90-33w								Bue ONLY	272	33
LY800-LS2835RGBW-24V-Ra90-33w								White ONLY	743	90
LY800-LS2835RGBW-24V-Ra90-33w								RGBW	454	55

UCS2904 SPI RGBW PARAMETERS

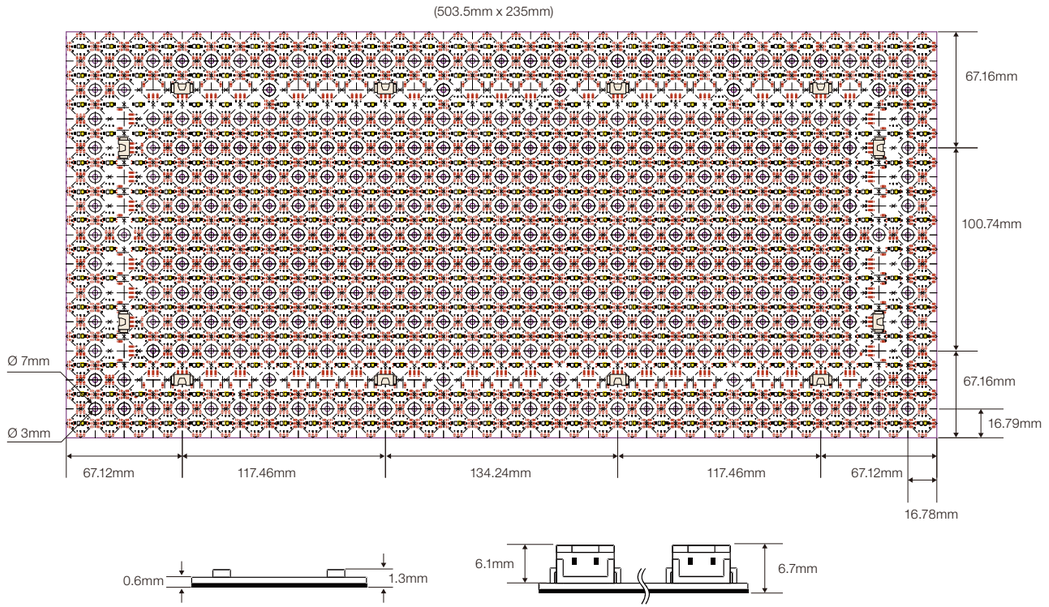
Part NO.	Size	LED Type	LED Qty	IC Type	Pixel	Voltage	Power	CRI	Lumen (lm/Sheet)	Efficacy (lm/w)
LY800-LS2835RGBW-24V-SPI-Ra90	503.5 x 235mm	SMD2835	800LEDs/Sheet	UCS2904	50Pixels/Sheet	24V	92W/Sheet	Ra>90	5060	55

SINGLE WHITE DIMENSIONAL DRAWINGS

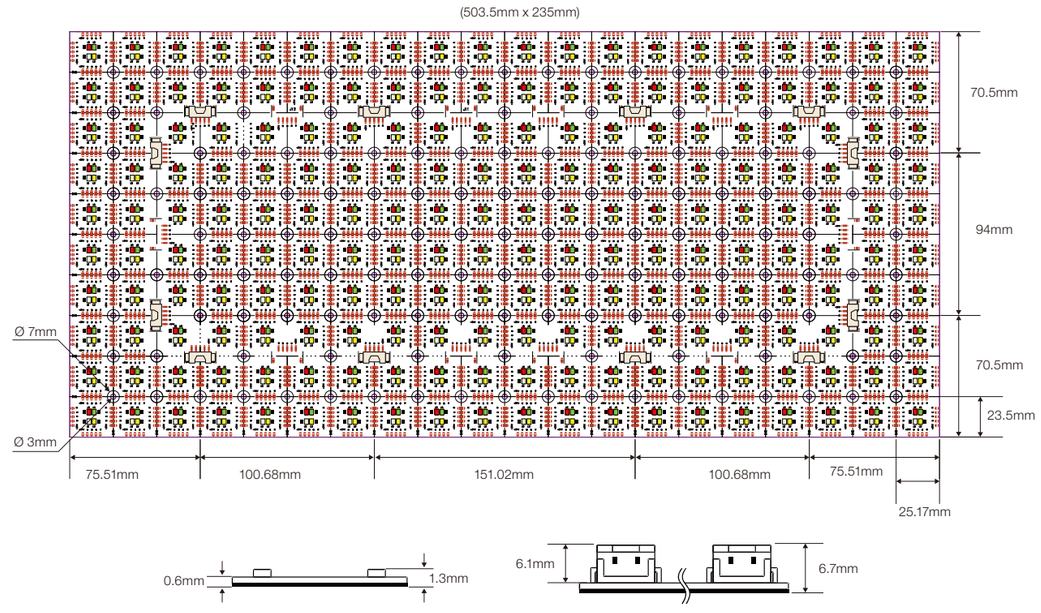
(503.5mm x 235mm)



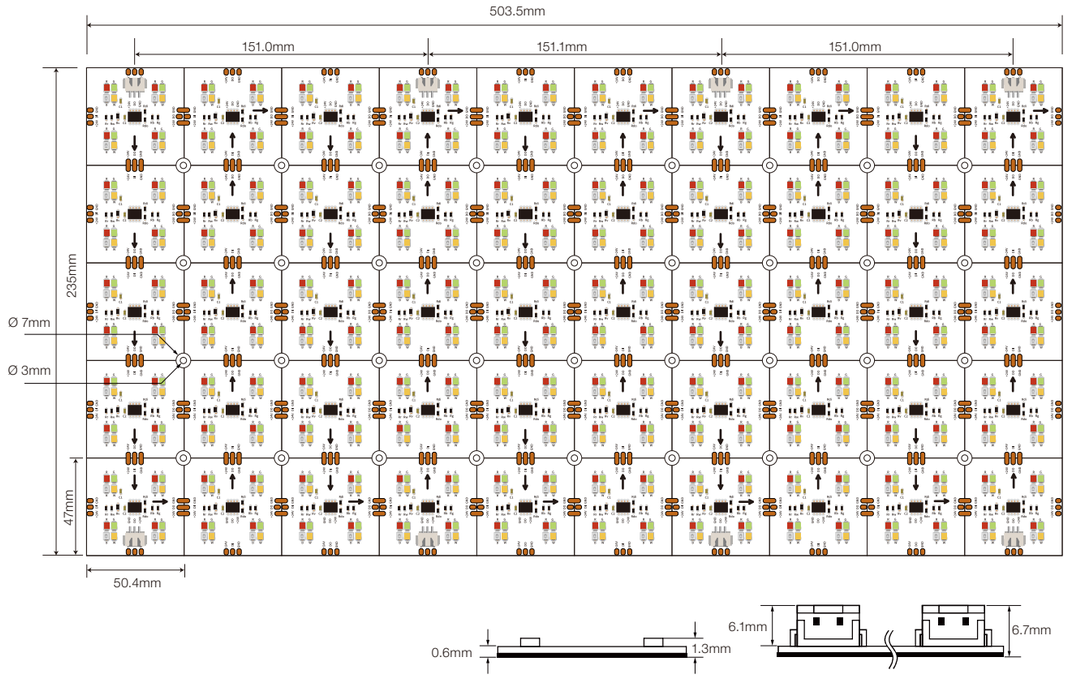
TUNABLE WHITE DIMENSIONAL DRAWINGS



RGBW DIMENSIONAL DRAWINGS



UCS2904 SPI RGBW DIMENSIONAL DRAWINGS



MODULAR LED LINEAR LIGHT SERIES

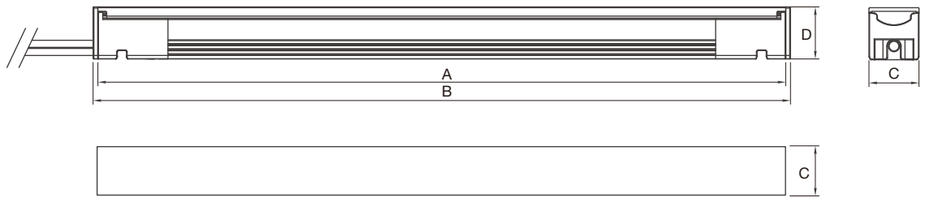
Modular LED linear light is plug and play, widely used in jewelry cabinets, supermarket shelves, commodity display cabinets, indoor furniture, and others.

MODULAR LED BAR

Fast connected LED linear light module for indoor linear auxiliary lighting, widely used in jewelry cabinets ,supermarket shelves , commodity display cabinets, indoor furniture and other.

- Modularized ultra-thin and narrow linear light
- Fast connection without dark area ,no soldering.
- Super long 6M connection, no brightness attenuation
- Can provide a variety of lengths, corners and accessories;
- A variety of installation methods ,including fixed clips, magnetic fixed clips and angle fixed clips

DIMENSIONS



Item No.	Dimension	A	B	C	D
LM1213B-100	L100xW12.5xH13mm (L3.94xW0.49xH0.51in)	100mm(3.94in)	103mm(4.05in)	12.5mm(0.49in)	13mm(0.51in)
LM1213B-200	L200xW12.5xH13mm (L7.87xW0.49xH0.51in)	200mm(7.87in)	203mm(7.99in)		
LM1213B-500	L200xW12.5xH13mm (L19.68xW0.49xH0.51in)	500mm(19.68in)	503mm(19.8in)		

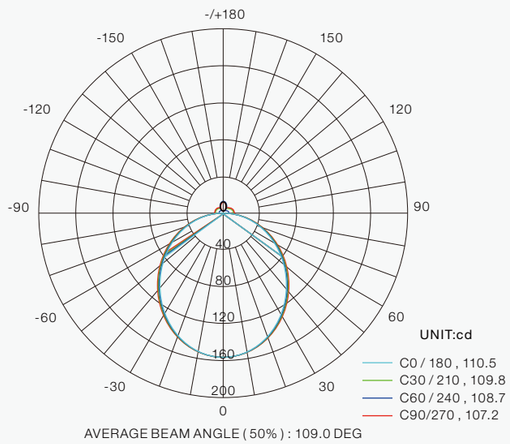
PARAMETERS [SINGLE COLOR]

Item No.	Power	Lumen(@4000k)	CCT	Remark
LM1213B-100	1.5w/pcs	100lm/pcs	2700K 3000K 3500K 4000K 6000K	Voltage DC24V Color rendering index Ra>90 The luminous Angle is 120° Working environment -25~45°C Life span 40,000 hours 70% Waterproof grade IP20 Class III protection
LM1213B-200	3w/pcs	190lm/pcs		
LM1213B-500	6w/pcs	480lm/pcs		
LM1213B-L100	3w/pcs	160lm/pcs		
LM1213B-N100	3w/pcs	150lm/pcs		
LM1213B-W100	2.4w/pcs	160lm/pcs		
LM1213B-X180	4.8w/pcs	320lm/pcs		
LM1213B-T180	3.6w/pcs	250lm/pcs		
LM1213B-R215	3w/pcs	180lm/pcs		

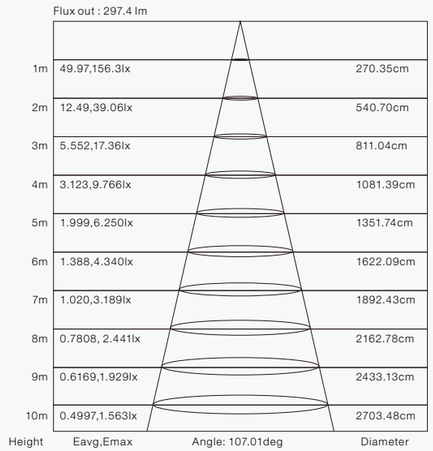
PARAMETERS [TUNABLE WHITE COLOR]

Item No.	Power	CCT	Lumen(@2700k)	Lumen(@4000k)	Lumen(@6000k)	Remark
LM1213B-500-TW	6.5w/pcs	2700K + 6000K	385lm/pcs	405lm/pcs	445lm/pcs	Voltage DC24V Color rendering index Ra>90 The luminous Angle is 120 Working environment -25~45°C Life span 40,000 hours 70% Waterproof grade IP20 Class III protection
LM1213B-L100-TW	2.5w/pcs		150lm/pcs	160lm/pcs	165lm/pcs	
LM1213B-N100-TW	2.3w/pcs		125lm/pcs	130lm/pcs	140lm/pcs	
LM1213B-W100-TW	2.5w/pcs		150lm/pcs	155lm/pcs	165lm/pcs	
LM1213B-X180-TW	4.5w/pcs		265lm/pcs	280lm/pcs	295lm/pcs	
LM1213B-T180-TW	3.4w/pcs		200lm/pcs	210lm/pcs	220lm/pcs	
LM1213B-R215-TW	2.2w/pcs		130lm/pcs	140lm/pcs	145lm/pcs	

DISTRIBUTION CURVE (Data base on LM1213B-500 4000K CRI90)



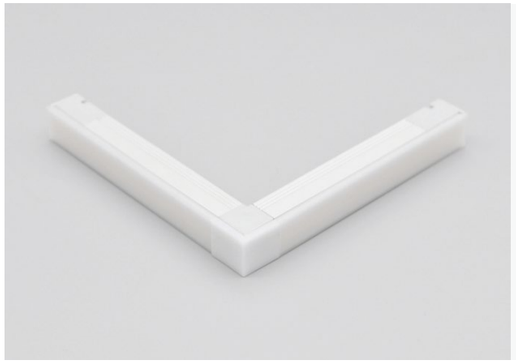
AVERAGE BEAM ANGLE (50%) : 109.0 DEG

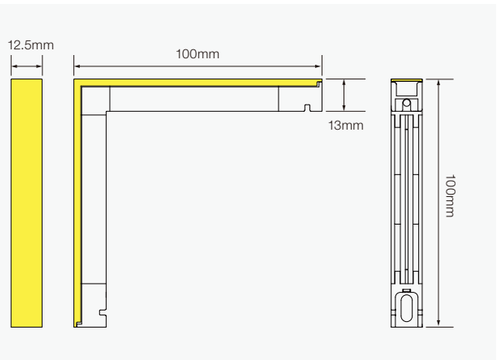


Note : The Curves indicate the illuminated area and the average illumination when the uminaire is at different distance

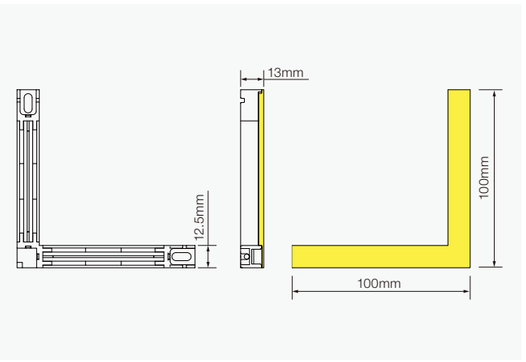
MODULAR DIMENSION

LM1213B-W100/LM1213B-W100-TW

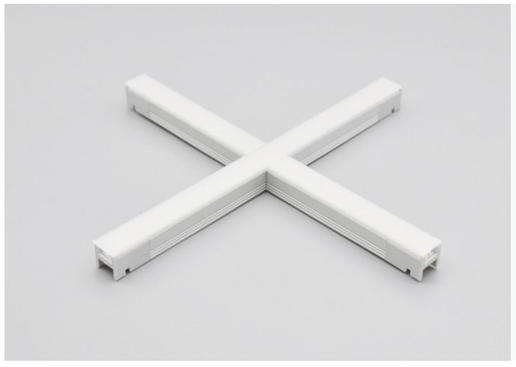


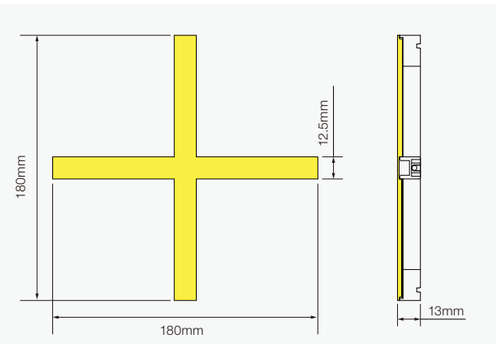


LM1213B-L100/LM1213B-L100-TW

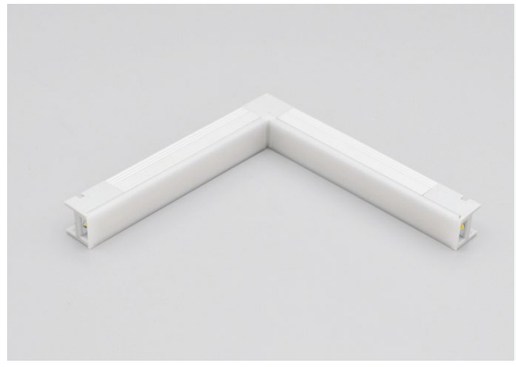


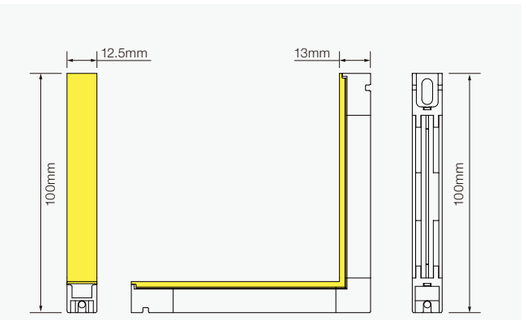
LM1213B-X180/LM1213B-X180-TW



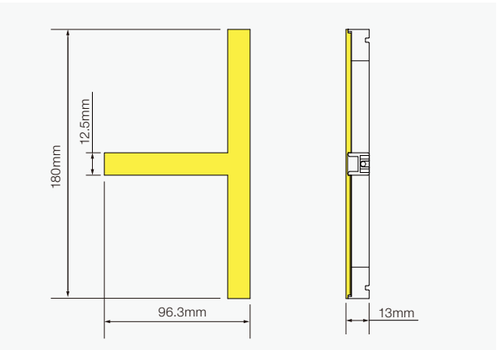


LM1213B-N100/LM1213B-N100-TW

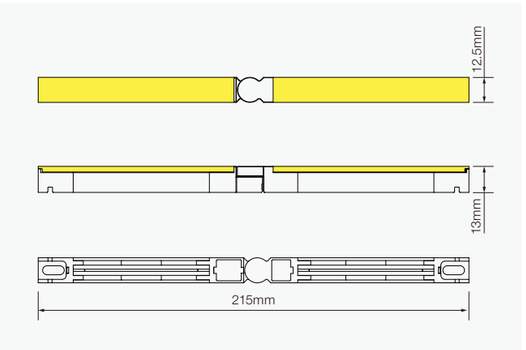




LM1213B-T180/LM1213B-T180-TW



LM1213B-R215/LM1213B-R215-TW



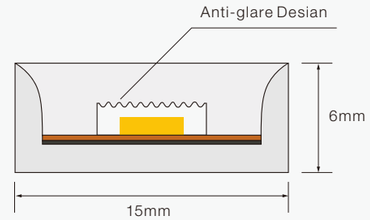
DRIVERLESS AC LED STRIP SERIES

High voltage led strip light is a light strip driven by high voltage. As it is powered by alternating current, it is also called an AC led light strip.

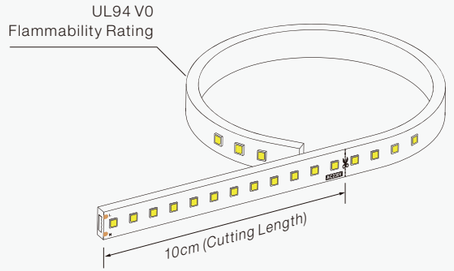
- No Drivers or Cumbersome Transformers Required
- Quick Install, Plug and Play Out of the Box
- Long Run 50M with Just 1 Plug-In
- Short Cutting Length, 10CM/Cut
- High-Grade PVC Housing for Added Protection
- Injection-Moulded Endcap and Solder-free & Glue-free Endcap
- Build-in Piezoresistor and Safety Fuse inside, Anti-lightning Protection

SPECIFICATION & PARAMETERS

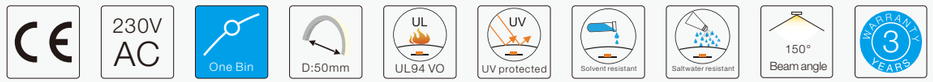
1.1 EXTERNA DIMENSION



PVC Dual-color Extrusion



Notice:
Size of each section is 10cm, and cutting at “black line”place.
The dim ension to lerance of height is 0.3mm, and to lerance of widtg is 0.3mm.



CE CERTIFIED | AC 230V INPUT | 1 BIN ONLY | Bending Diameter | Flame Resistant | UV Resistant | Solvents Resistant | Saltwater Resistant | Beam Angle 150 | 3 Years Warrant

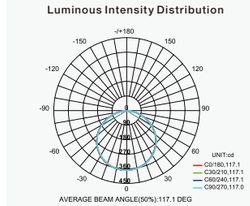
1.2 TECHNICAL PARAMETERS

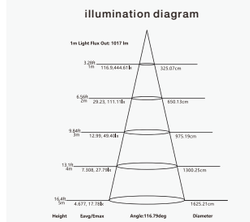
Technica Data		
Product Code	LY120-HS2835W-230V	
Colou	W /WW	
Working Voltage	220-240VAC, 50/60Hz	
LED Qty/m	120LEDs /m	
LED Type	SMD 2835	
CRI	CRI>80	CRI>90
Rated Power/m	12W/m	12W/m
Light Efficiency 10%	110Lm/w	90Lm/w
LED Distance	8.3mm	
Min. Cutting LED	12LEDs	
Min. Cutting Length	10cm	
Weight/m	120g	
Storage Temperature	-25~60°C	(-13~140F)
Environmental Working Temperature	-20~45°C	(-4~113F)
IP Rating	IP65 (uncut) void if cut	

1.3 OPTICAL PARAMETERS

Optical Data

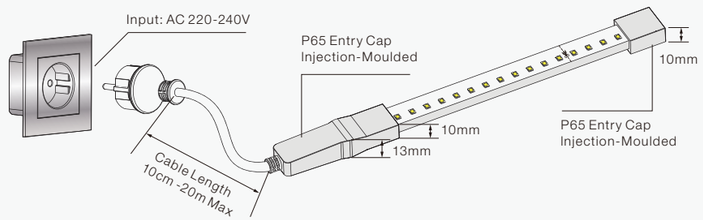
Product Code LY120-HS2835W-230V		Lumen/m		
		Rated CRI	CRI80	CRI90
Color	Wavelength	CCT		
Ultra WW	/	2000K±100K	1028 lm/m	840 lm/m
Super WW	/	2400K±100K	1080 lm/m	900 lm/m
Warm White	/	2725K±100K	1200 lm/m	960 lm/m
Warm White	/	3045K±150K	1260 lm/m	1020 m/m
Natural White	/	4000K±150K	1320 lm/m	1080 m/m
Day White	/	5000K±200K	1320 lm/m	1080 lm/m
Cool White	/	6500K±250K	1320 lm/m	1080 lm/m

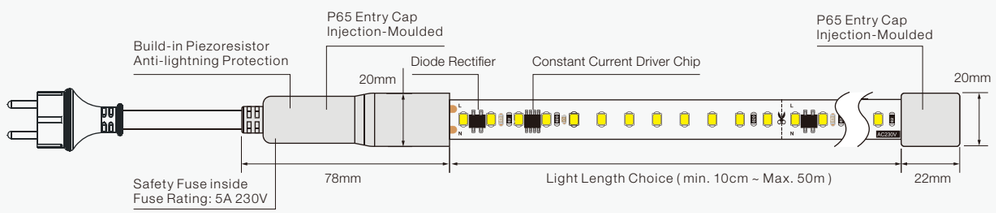




CONNECTOR

2.1 OUTDOOR USE IP65 WATERPROOF CONNECTOR





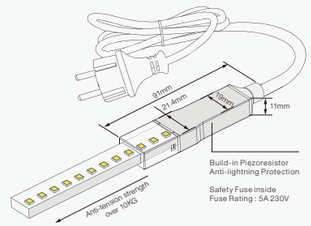
Notice:
- IP65 Outdoor Use: Pls do not cut off the LED Tape light, and DIY cutting is not allow;
- All kinds of customized length of the light are available, from 10cm minimum ~ 50m maximum ;
- Do not submerge LED Tape light in any liquids, or use the light in the vicinity of standing water;
- Outdoor Application Scope: Outer Wall of bulding, Overbridge etc., and Suitable for raining environments;

2.2 INDOOR USE 8Z DIY IP40 CONNECTOR

Power Cord

Connects light to power s upply
IP40 DIY connector (indoor use)
Cable Length available in 0.3m min ~ 20m Max .

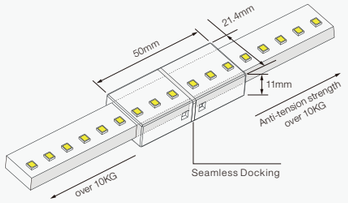
Screwless Terminal DIY assembl
AC Plug (2 Pin) *1
Anti-tension Shell *1
PC Fixing Clip *1



Docking Connector

Combine two pi eces of the lights together
IP40 DIY connector (indoor use)

Seamless Docking, Screwless Terminal
Anti-tension Shell *1
Feed Connector (2 Pin) *1
PC Fixing Clip *2



L-Type Connector

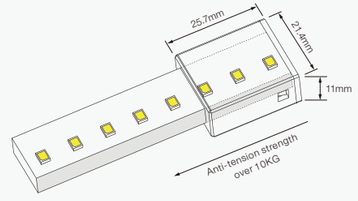
Combine two pi eces of the lights together
IP40 DIY connector (indoor use)

Seamless Docking, Screwless Terminal
L-Type Anti-tension Shell *1
L-Type Feed Conn ector (2 Pin) *1
PC Fixing Clip *2

End Cap

Termination Prot ection of the light
IP40 DIY connector (indoor use)

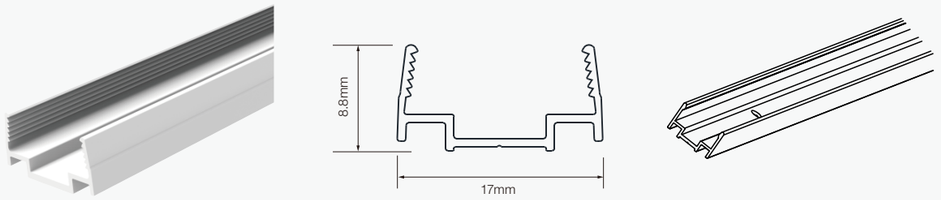
Screwless Terminal Dly assembly
Anti-tension Shell *1
PC Fixing Clip *1



Notice:
Before making any cuts, installation, maintenance or connection, and be sure the li ght is power-off!
IP40 Indoor Use: Pls cut the li ght and assemble all connectors a ccording to the in struction manual;
Dont in stall and li ght up and use the light under water, O nly IP40 application pla ces can be used for this li ght;
In door Application Scope: Cove of Theater, and cove of hotel loby etc., and S uitable for dry and anti - dust environments;

INSTALLATION ACCESSORY

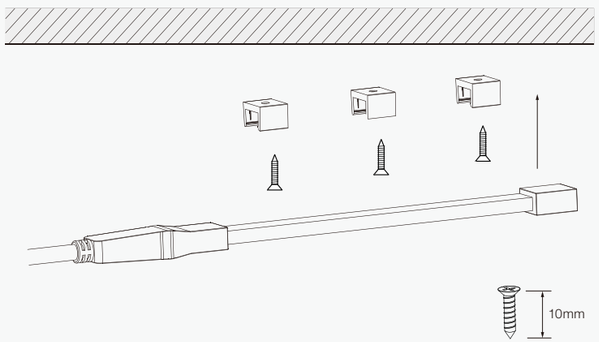
3.1 PLASTIC PROFILE

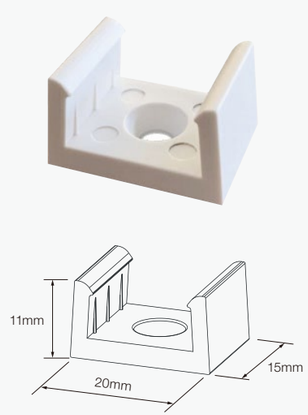


Color	W*H(ft)	Prof ile Length(mm)	Hole Size (mm)	Hole Number (pcs)
Y120-HS2835W-230V-MP	17mm * 8.8mm	500mm	3.5mm	2
		1000mm	3.5mm	3
		1500mm	3.5mm	5
		2000mm	3.5mm	7

Notice:
1. Plastic Profiles's raw material is PC, white/black/red paint available;
2. Any customized Length available too, such as 0.5m or 1m or 1.5m, and 2m length maximum;
3. Each 0.3m length with 1 hole and 1 screw, and installation referece to the user manual;

3.2 PLASTIC MOUNTING CLIP





Notice:
1. Mounting Clips raw material is PC, and transparent/white/black/red paint available;
2. Each 0.3m length with 1 Mounting Clip +1 screw, and in stallation refer ece to the user manual;

PACKAGE

4.1 REEL PACKAGING FOR PROJECTS

50m/roll

1roll

1roll in one Carton

Finishing

Master Carton

4.2 REEL PACKAGING FOR RETAILS

Light Length (m/one roll)	Carton Dimension (cm)	Light Number (rolls)	Carton Weight (kg)
20m	25*21*33	1 roll	3.5
30m	31*23*39	1 roll	4.8
40m	31*23*39	1 roll	6.2
50m	34*27*43	1 roll	7.9

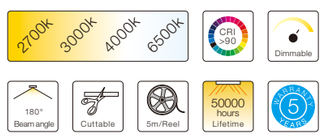
COB LED STRIP SERIES

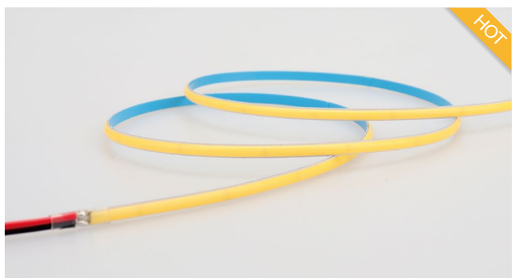
COB means Chips on Board, which means that the chips are directly encapsulated on the flexible PCB board, and the COB LED strip is a strip of chips encapsulated on a flexible board.

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

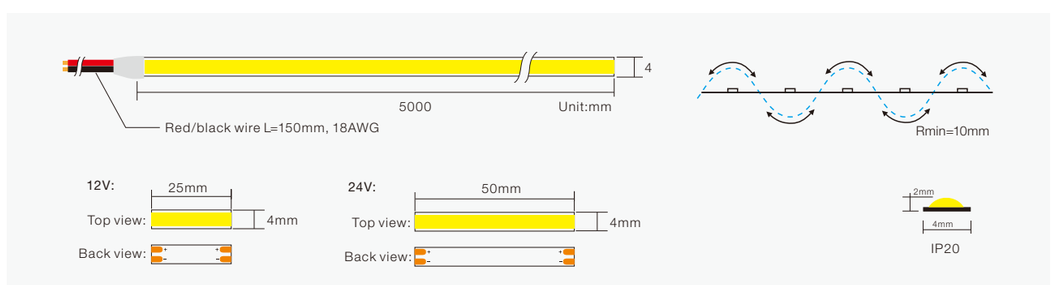
COB STRIP 480Chips/m 4mm 12V/24V 5W

- 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





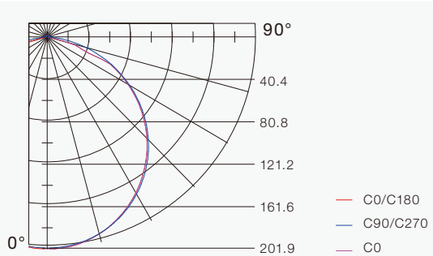
DIMENSIONS & WATERPROOF



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)
Copper foil	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	/	/	/	/

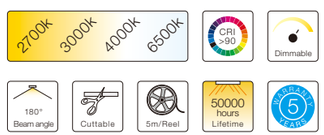
Note:Customized CCT can be realized according to specific requirements.

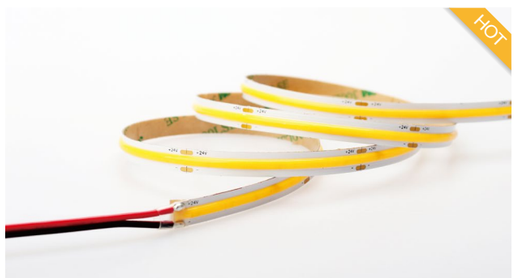
Order code: LY480-COB W30 -W24-4MM-5W-IP20

CCT:W27/W30/W40/W60 — Voltage:W12/W24

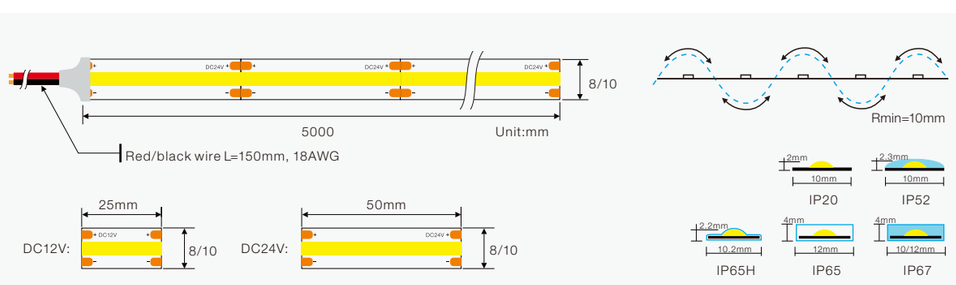
COB STRIP 480Chips/m 10mm 12V/24V 5W/10W/15W

- 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





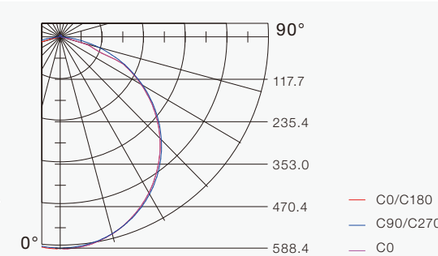
DIMENSIONS & WATERPROOF



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
Copper foil	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	/	/	/	/

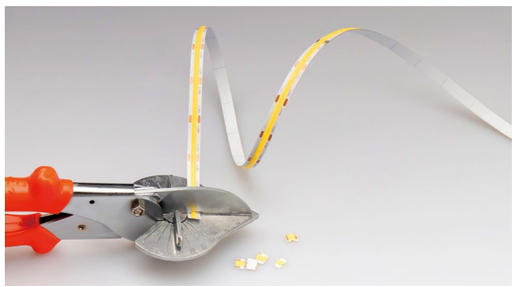
Note:Customized CCT can be realized according to specific requirements.

Order code: LY480-COB W30 -W24-10mm-10W-IP20 — IP20/IP52/IP65H/IP65/IP67

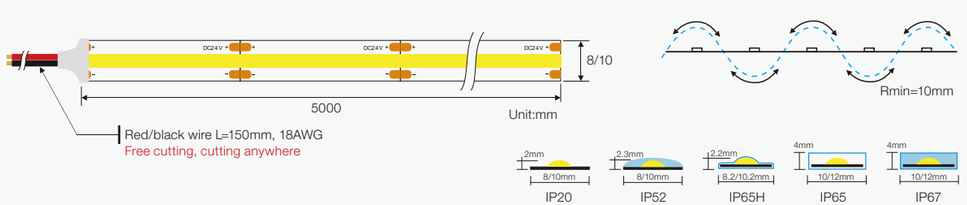
CCT:W27/W30/W40/W60 — Voltage:W12/W24 — Power:5W/10W/15W

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 opition, 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)

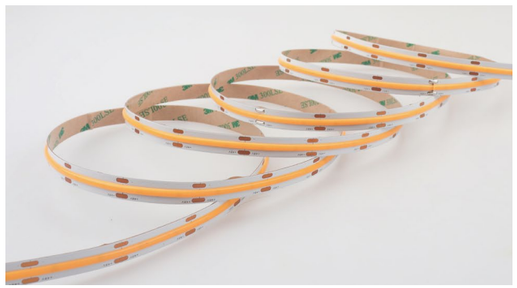
Part Number	CCT(K)	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
LY480-COBW27-W24-8MM	2700±100K	485.25	97.05	1015.10	101.51	1461.45	97.43
LY480-COBW30-W24-8MM	3000±150K	561.65	112.33	1075.50	107.55	1498.50	99.90
LY480-COBW40-W24-8MM	4000±250K	598.35	119.67	1114.70	111.47	1692.60	112.84
LY480-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.

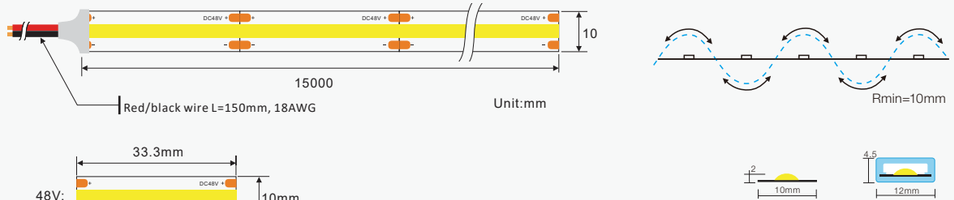
Order code: LY480-COB**W30**-**W24**-**8mm**-**10W**-FC-**IP20**
- IP20/IP52/IP65H/IP65/IP67
- CCT:W27/W30/W40/W65
- Voltage:W12/W24
- 8mm/10mm
- Power:5W/10W/15W

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

- 48V, flexible COB LED strip, 10mm 3OZ PCB, Max long run15meters,
- 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)

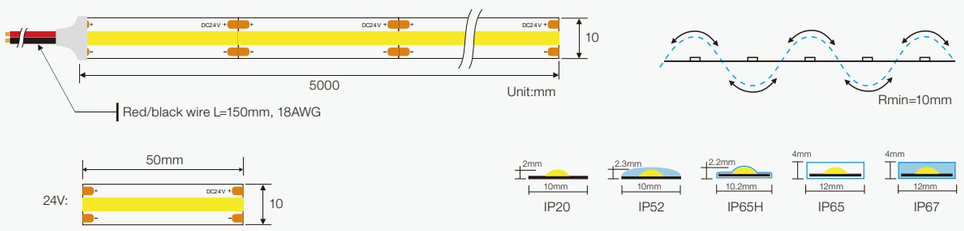
CCT(K)	CRI	Lumen(lm/m)	Efficacy(lm/w)	R9	Rf (Fidelity)	Rg (Gamut)
2700K±100	91	830.60	83.06	47	91	98
3000K±150	91	928.90	92.89	49	91	99
4000K±250	93	1049.00	104.90	62	90	97
6500K±500	92	953.70	95.37	63	91	98

Order code: LY480-COB**W27**-W48-CV-**IP20**
- IP20/IP65
- CCT:W27/W30/W40/W65

COB STRIP CC VERSION 560Chips/m 10mm 24V 15m

- Constant current design, 24vdc input, max length is 15m (5w / m), 10m (10w / m)
- No spot, no shadow, soft light
- The antistatic grade (MIL - STD - 883-e) : HBM level 2 (2000-4000v)
- 180° beam angle

DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000x10x2mm	Voltage(V)	DC24V
Chip Type	COB	Power(W/m)	5W/10W
Chips/m	560pcs	PCB Width	10mm
Step LEDs	28pcs	Beam Angle	180°
Step Length	50mm	Operation Temperature	-20°C~50°C

PRODUCT PHOTOMETRICS (Data base on IP20 CRI > 90)

CCT(K)	CRI	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	Efficacy(lm/w)
2700±100	≥90	355	15	710	10	71
3000±150	≥90	405	15	810	10	81
4000±250	≥90	430	15	860	10	86
6500±500	≥90	440	15	880	10	88

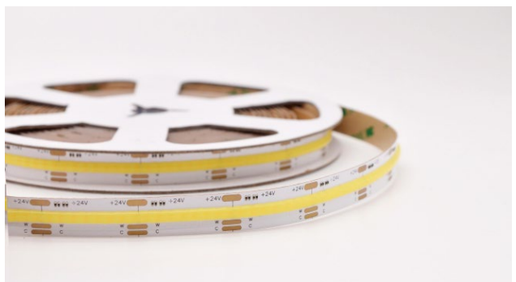
The constant current LED strip is PWM-dimmable. Ensure the dimmer's voltage is in line with the LED strip's rated voltage and its output frequency is under 2KHz.

Order code: LY560-COB[W30]-W24-[10W]-CC-[IP20]
- IP20/IP52/IP65H/IP65/IP67
- CCT:W27/W30/W40/W65
- Power:5W/10W

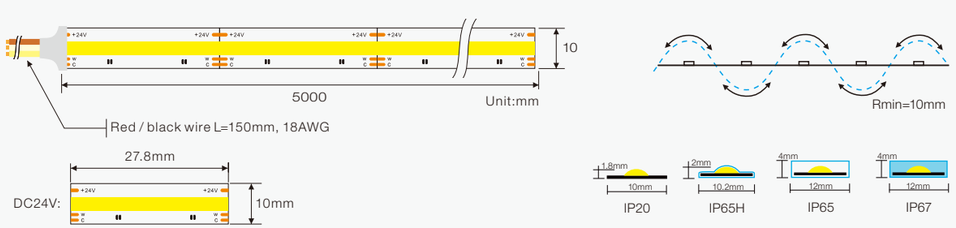
COB MULTICOLOR SERIES

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-layer FPC(2Oz) for good heat dissipation.



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
Stpe LEDs	16LEDs	Beam Angle	180°
Step length	27.8mm	Operation Temperatyre	-20°C~50°C

PRODUCT PHOTOMETRICS (The data base on IP20 24V)

Part Number	CCT(K)	Low power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
COBTW	2700 only	519	5m	750	5m
COBTW	6500 only	614	5m	881	5m
COBTW	2700+6500 both	1120	5m	1605	5m

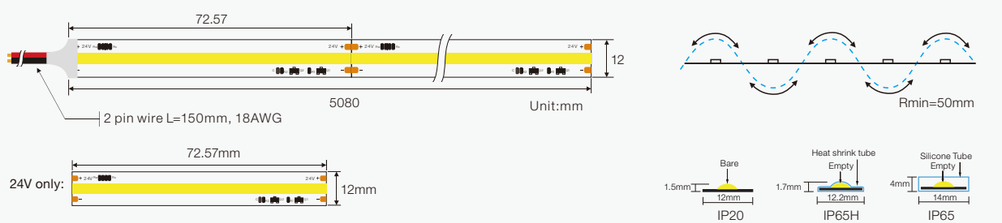
Note:Customized CCT can be realized according to specific requirements.

Order code: LY576-COBTW-W24-10mm-10W-IP20 — IP20/IP65H/IP65/IP67

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

- COB LED technology
- 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

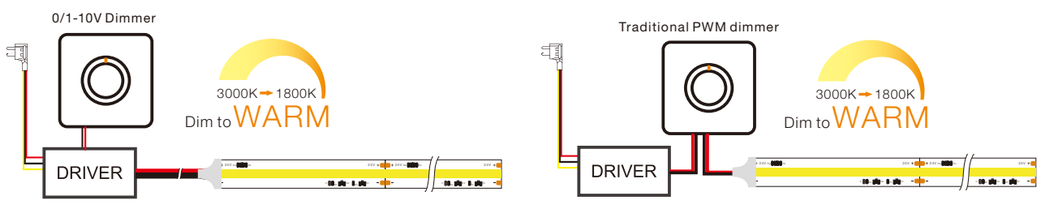
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

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

WIRING DIAGRAM

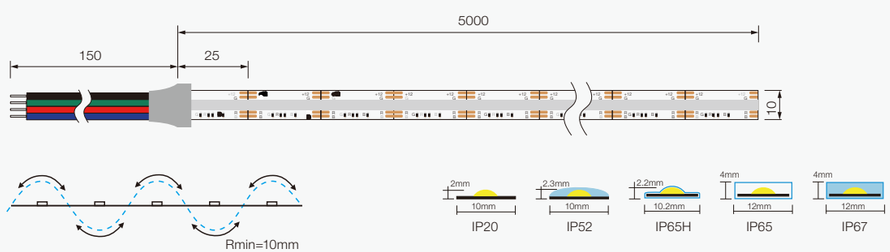


Order code: LY588-COBDTW-W24-IP20 — IP20/IP65H/IP65

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	/
Step LEDs	18pcs	Beam Angle	180°
Step Length	25mm	Operation Temperature	-20°C~50°C

PRODUCT PHOTOMETRICS (Data base on IP20)

Color(nm)	Wave length(NM)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	Unit cut(M/M)	Max.run lengtht(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

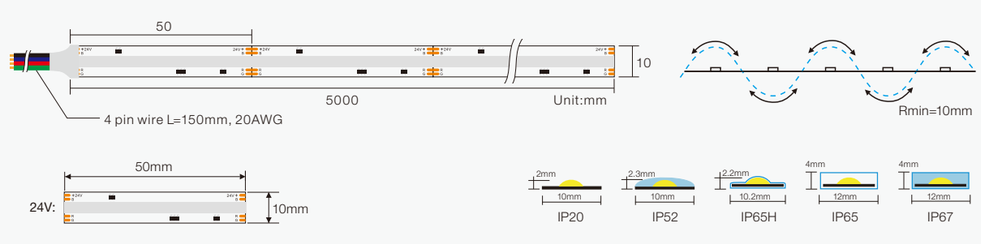
Note:Customized CCT can be realized according to specific requirements.

Order code: LY720-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
Step Chips	42pcs	Copper foil	2oz
Step length	50mm	Ambient temperature	-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

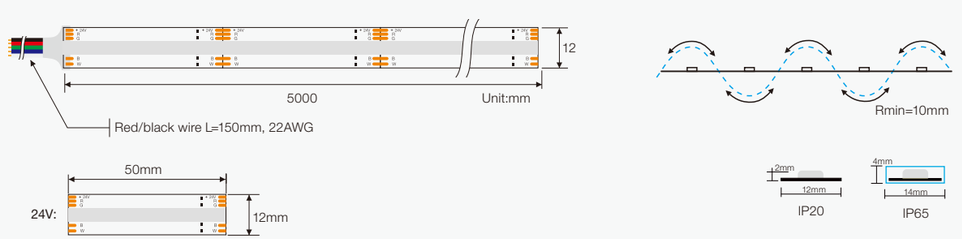
Note:Customized CCT can be realized according to specific requirements.

Order code: LY840-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-layer FPC(2Oz) for good heat dissipation.

DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm	Voltage(V)	DC24V
Chip QTY.	560Chips/meter	Current(A/m)	0.67A(24V)
Step Chips	28pcs(24V)	Copper foil	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

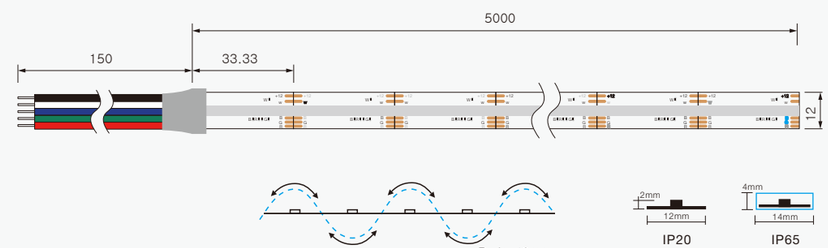
Note:Customized CCT can be realized according to specific requirements.

Order code: LY560-COBRGBW-W24-12mm-16W-IP20 — IP20/IP65

COB STRIP RGBW 720Chips/m 12mm 12V 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)	Wave length(NM)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	Unit cut(M/M)	Max.run lengtht(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

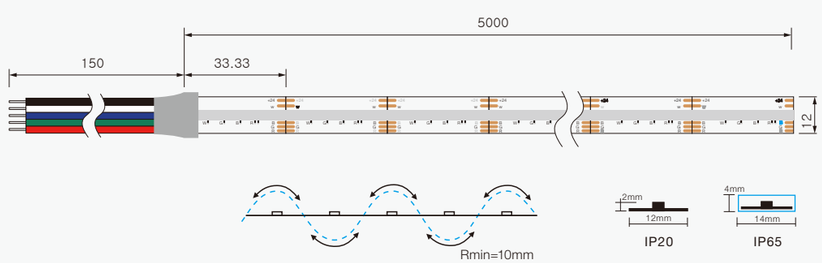
Note:Customized CCT can be realized according to specific requirements.

Order code: LY720-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)	Wave length(NM)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	Unit cut(M/M)	Max.run lengtht(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

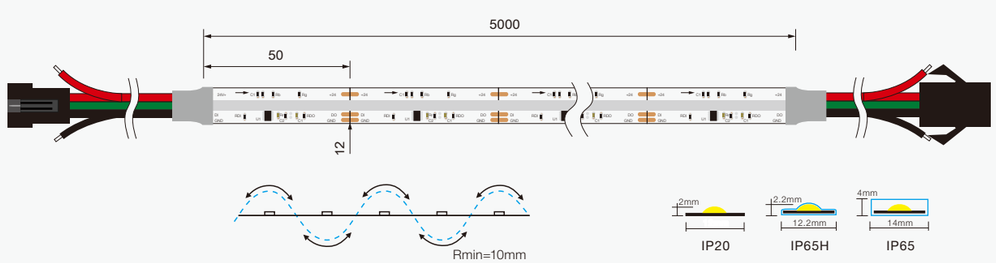
Note:Customized CCT can be realized according to specific requirements.

Order code: LY840-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)	Wave length(NM)	Power(w/m)	Lumen(lm/m)	Efficacy(lm/w)	Unit cut(M/M)	Max.run lengtht(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: LY840-COBRGB-W24-WS2811-IP20 — IP20/IP65/IP65H

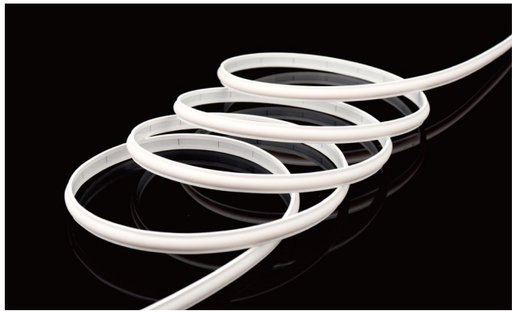
DOTLESS
LED LINE SERIES

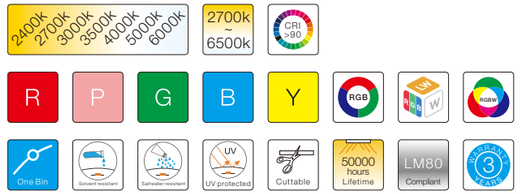
Dotless LED Line, or D-Line, is a high-density LED strip with a milky silicone diffuser, is slim, and has no lighting spot.

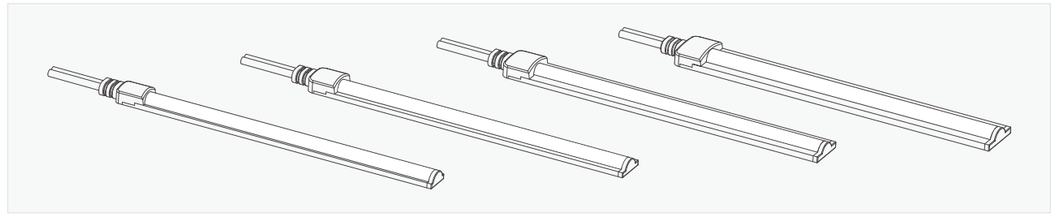
- Slim, no light spot
- Three-color silicone one-piece extrusion process
- Injection molding plug, IP65 rated, no extra width
- Frosted, dust-proof process, anti-UV
- LM80 LED light source, long lifetime
- 8mm / 10mm / 12mm / 14mm width are available
- Single Color / Tunable White / RGB / RGBW / RGBTW / SPI are available

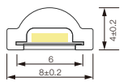
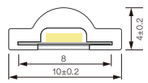
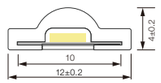
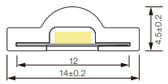
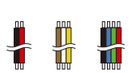
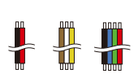
DOTLESS LED LINE SERIES

- Slim size, no light spot
- Three-color silicone one-piece extrusion process
- Injection molding plug, IP65 rated
- Frosted, dust-proof process, anti-UV

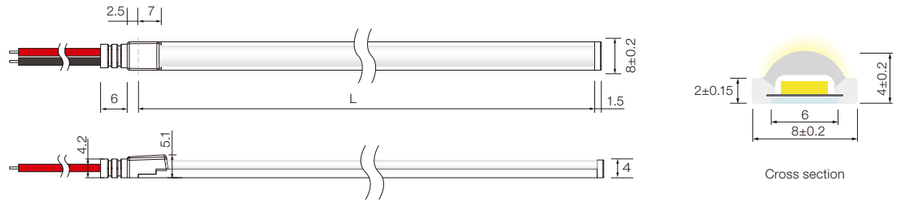
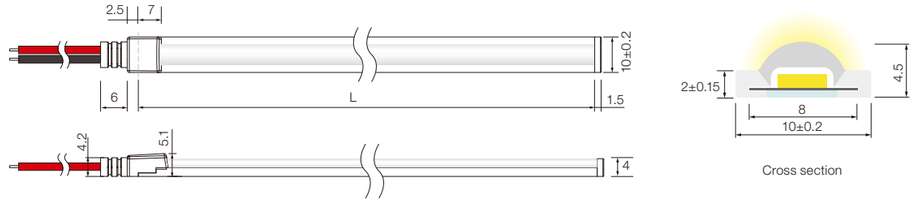
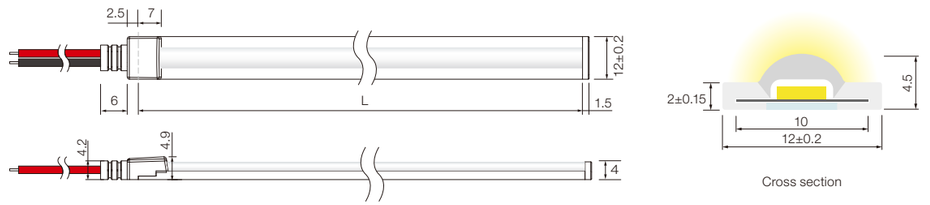
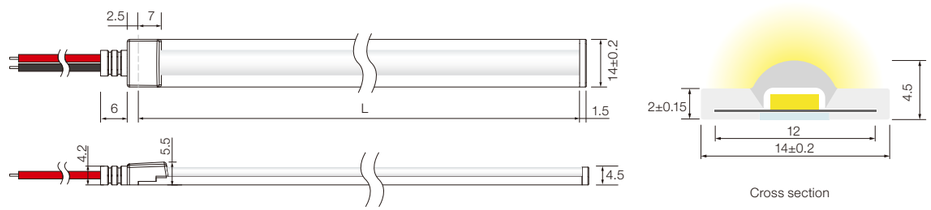






8MM	10MM	12MM	14MM
SW	SW | TW | RGB | SPI	SW | TW | RGB | SPI	SW | TW | RGB RGBW | RGBTW | SPI
 Cross section 8x4mm	 Cross section 10x4mm	 Cross section 12x4mm	 Cross section 14x4.5mm
 W/m: 5 / 10	 W/m: 5 / 10	 W/m: 5 / 10 / 15	 W/m: 5 / 10 / 15
 Max length : 5M	 Max length : 5M	 Max length : 5M	 Max length : 5M
 Wire type	 Wire type	 Wire type	 Wire type

DIMENSIONS

8MM	 Cross section
10MM	 Cross section
12MM	 Cross section
14MM	 Cross section

8MM PHOTOELECTRIC PARAMETERS

Single Color parameter

CCT (K)	CRI	SDCM	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	CV/CC
2400	>90	<5	5	535	107.1	50	5	CV
			10	1010	101.0			
2700	>90	<5	5	546	109.2	50	5	CV
			10	1019	101.9			
3000	>90	<5	5	554	110.9	50	5	CV
			10	1046	104.6			
3500	>90	<5	5	599	119.8	50	5	CV
			10	1130	113.0			
4000	>90	<5	5	558	111.7	50	5	CV
			10	1077	107.7			
5000	>90	<5	5	552	110.4	50	5	CV
			10	1028	102.8			
6500	>90	<5	5	560	111.9	50	5	CV
			10	1056	105.6			
R	--	--	5	145	29.0	50	5	CV
			10	293	29.3			
G	--	--	5	381	76.2	50	5	CV
			10	685	68.5			
B	--	--	5	71	14.2	50	5	CV
			10	134	13.4			
Yellow	--	--	5	116	23.2	50	5	CV
			10	223	22.3			
Amber	--	--	5	136	27.2	50	5	CV
			10	274	27.4			
Pink	--	--	5	315	63.0	50	5	CV
			10	602	60.2			

- The above color temperature values are the finished color temperature.
- The above data are typical values. Due to tolerances in the production process, characteristics of electronic components, and other factors, the test parameters will have an error of ±10%.
- The maximum serial connection length is for single-ended power input.
- For RGB/RGBW/RGBW/SPI, the maximum connection length refers to the recommended connection length of single-ended power supply when the LED strip is fully loaded. In practical applications, depending on the effect of the controller driving the LED strip, the serial connection can be extended as appropriate in the case of low power.

10MM PHOTOELECTRIC PARAMETERS

Single Color parameter

CCT(K)	CRI	SDCM	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	CV/CC
2400	>90	<5	5	409	81.9	25	5	CV
			10	815	81.5			
2700	>90	<5	5	423	84.6	25	5	CV
			10	822	82.2			
3000	>90	<5	5	422	84.4	25	5	CV
			10	829	82.9			
3500	>90	<5	5	476	95.2	25	5	CV
			10	918	91.8			
4000	>90	<5	5	439	87.9	25	5	CV
			10	866	86.6			
5000	>90	<5	5	443	88.5	25	5	CV
			10	869	86.9			
6500	>90	<5	5	453	90.6	25	5	CV
			10	886	88.6			
R	--	--	5	146	29.2	25	5	CV
			10	308	30.8			
G	--	--	5	413	82.6	25	5	CV
			10	707	70.7			
B	--	--	5	70	14.0	25	5	CV
			10	137	13.7			
Yellow	--	--	5	106	21.2	25	5	CV
			10	226	22.6			
Amber	--	--	5	128	25.6	25	5	CV
			10	278	27.8			
Pink	--	--	5	287	57.4	25	5	CV
			10	567	56.7			

Tunable White parameter

CCT(K)	CRI	SDCM	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	CV/CC
2700	>90	<5	5	415	83.0	83.3	5	CV
6500			5	418	83.6			
4000±300		--	10	826	82.6			

10MM PHOTOELECTRIC PARAMETERS

RGB parameter

Power	Color	LM/M	LM/W	Cutting length (mm)	Max length (M)	CV/CC
10	R	60	18.2	50	5	CV
	G	176	53.3			
	B	32	9.7			
	RGB	268	26.8			

SPI parameter

Input voltage	Power	Color	LM/M	LM/W	Pixel No	Signal Type	IC Model	Cutting length (mm)	Max length (M)
DC5V	8	R	19.8	7.4	100	SPI	UCS1903	10	2
		G	59.3	22.2					
		B	11.5	4.3					
		RGB	87.3	10.9					

- The above color temperature values are the finished color temperature.
- The above data are typical values. Due to tolerances in the production process, characteristics of electronic components, and other factors, the test parameters will have an error of ±10%.
- The maximum serial connection length is for single-ended power input.
- For RGB/RGBW/RGBW/SPI, the maximum connection length refers to the recommended connection length of single-ended power supply when the LED strip is fully loaded. In practical applications, depending on the effect of the controller driving the LED strip, the serial connection can be extended as appropriate in the case of low power.

12MM PHOTOELECTRIC PARAMETERS

Single Color parameter

CCT(K)	CRI	SDCM	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	CV/CC
2400	>90	<5	5	429	85.9	25	5	CV
			10	826	82.6			
			15	1208	80.6			
2700	>90	<5	5	433	86.6	25	5	CV
			10	833	83.3			
			15	1244	82.9			
3000	>90	<5	5	436	87.3	25	5	CV
			10	840	84.0			
			15	1243	82.8			
3500	>90	<5	5	484	96.7	25	5	CV
			10	930	93.0			
			15	1364	91.0			
4000	>90	<5	5	442	88.4	25	5	CV
			10	851	85.1			
			15	1258	83.9			
5000	>90	<5	5	443	88.7	25	5	CV
			10	854	85.4			
			15	1259	84.0			
6500	>90	<5	5	450	90.0	25	5	CV
			10	867	86.7			
			15	1270	84.6			
R	--	--	5	142	28.4	25	5	CV
			10	281	28.1			
			15	416	27.7			
G	--	--	5	349	69.8	25	5	CV
			10	628	62.8			
			15	823	54.9			
B	--	--	5	62	12.4	25	5	CV
			10	121	12.1			
			15	176	11.7			
Yellow	--	--	5	88	17.6	25	5	CV
			10	200	20.0			
			15	294	19.6			
Amber	--	--	5	108	21.6	25	5	CV
			10	246	24.6			
			15	345	23.0			
Pink	--	--	5	274	54.8	25	5	CV
			10	519	51.9			
			15	755	50.3			

12MM PHOTOELECTRIC PARAMETERS

Tunable White parameter

CCT(K)	CRI	SDCM	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	Input voltage
2700	>90	<5	5	422	84.4	83.3	5	DC24V
6500			5	434	86.8			
4000±300		--	10	849	84.9			

CCT(K)	CRI	SDCM	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	Input voltage
2700	>90	<5	7.5	619	82.5	83.3	5	DC24V
6500			7.5	639	85.2			
4000±300		--	15	1241	82.7			

RGB parameter

Power	Color	LM/M	LM/W	Cutting length (mm)	Max length (M)	Input voltage
10	R	54	16.4	50	5	DC24V
	G	175	53.0			
	B	31	9.4			
	RGB	264	26.4			

SPI parameter

Input voltage	Power	Color	LM/M	LM/W	Pixel No	Signal Type	IC Model	Cutting length (mm)	Max length (M)
DC12V	13	R	42.6	3.3	100	SPI	UCS1903	10	3
		G	141.6	10.9					
		B	33	2.5					
		RGB	208.5	16.0					

- The above color temperature values are the finished color temperature.
- The above data are typical values. Due to tolerances in the production process, characteristics of electronic components, and other factors, the test parameters will have an error of ±10%.
- The maximum serial connection length is for single-ended power input.
- For RGB/RGBW/RGBW/SPI, the maximum connection length refers to the recommended connection length of single-ended power supply when the LED strip is fully loaded. In practical applications, depending on the effect of the controller driving the LED strip, the serial connection can be extended as appropriate in the case of low power.

14MM PHOTOELECTRIC PARAMETERS

Single Color parameter

CCT(K)	CRI	SDCM	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	CV/CC
2400	>90	<5	5	449	89.8	25	5	CV
			10	845	84.5			
			15	1234	82.3			
2700	>90	<5	5	445	89.1	25	5	CV
			10	853	85.3			
			15	1272	84.8			
3000	>90	<5	5	444	88.7	25	5	CV
			10	858	85.8			
			15	1271	84.7			
3500	>90	<5	5	489	97.7	25	5	CV
			10	950	95.0			
			15	1399	93.2			
4000	>90	<5	5	449	89.9	25	5	CV
			10	862	86.2			
			15	1273	84.9			
5000	>90	<5	5	453	90.6	25	5	CV
			10	869	86.9			
			15	1283	85.5			
6500	>90	<5	5	458	91.6	25	5	CV
			10	879	87.9			
			15	1298	86.5			
R	--	--	5	142	28.4	25	5	CV
			10	282	28.2			
			15	420	28.0			
G	--	--	5	375	75.0	25	5	CV
			10	674	67.4			
			15	882	58.8			
B	--	--	5	70	14.0	25	5	CV
			10	123	12.3			
			15	179	11.9			
Yellow	--	--	5	116	23.2	25	5	CV
			10	223	22.3			
			15	318	21.2			
Amber	--	--	5	140	28.0	25	5	CV
			10	274	27.4			
			15	386	25.7			
Pink	--	--	5	287	57.4	25	5	CV
			10	534	53.4			
			15	782	52.1			

14MM PHOTOELECTRIC PARAMETERS

Tunable White parameter

CCT(K)	CRI	SDCM	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	Input voltage
2700	>90	<5	5	437	87.4	83.3	5	DC24V
6500			5	447	89.4			
4000±300		--	10	860	86			

CCT(K)	CRI	SDCM	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	Input voltage
2700	>90	<5	7.5	641	85.5	83.3	5	DC24V
6500			7.5	658	87.7			
4000±300		--	15	1264	84			

RGB parameter

Power	Color	LM/M	LM/W	Cutting length (mm)	Max length (M)	Input voltage
10	R	49	14.8	50	5	DC24V
	G	169	51.2			
	B	30	9.1			
	RGB	260	26.0			

Power	Color	LM/M	LM/W	Cutting length (mm)	Max length (M)	Input voltage
15	R	69	13.8	50	5	DC24V
	G	226	45.2			
	B	38	7.6			
	RGB	334	22.3			

14MM PHOTOELECTRIC PARAMETERS

RGBW parameter

Power	Color/CCT(K)	CRI	SDCM	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	Input voltage
15	R	--	--	3	52	17.3	83.33	5	DC24V
	G	--	--	3	156	52.0			
	B	--	--	3	26	8.7			
	W:2700K	>90	5	3	486	81.0			
	RGBW	--	--	15	702	46.8			
15	R	--	--	3	58	19.3	83.33	5	DC24V
	G	--	--	3	173	57.7			
	B	--	--	3	23	7.7			
	W:3000K	>90	5	3	480	80.0			
	RGBW	--	--	15	698	46.5			
15	R	--	--	3	56	18.7	83.33	5	DC24V
	G	--	--	3	162	54.0			
	B	--	--	3	32	10.7			
	W:3500K	>90	5	3	514	85.7			
	RGBW	--	--	15	706	47.1			
15	R	--	--	3	55	18.3	83.33	5	DC24V
	G	--	--	3	158	52.7			
	B	--	--	3	33	11.0			
	W:4000K	>90	5	3	477	79.5			
	RGBW	--	--	15	701	46.7			
15	R	--	--	3	54	18.0	83.33	5	DC24V
	G	--	--	3	165	55.0			
	B	--	--	3	32	10.7			
	W:5000K	>90	5	3	487	81.2			
	RGBW	--	--	15	721	48.1			
15	R	--	--	3	52	17.3	83.33	5	DC24V
	G	--	--	3	167	55.7			
	B	--	--	3	32	10.7			
	W:6500K	>90	5	3	486	81.0			
	RGBW	--	--	15	716	47.7			

14MM PHOTOELECTRIC PARAMETERS

RGBTW parameter

Power	Color/CCT(K)	CRI	Power	LM/M	LM/W	Cutting length (mm)	Max length (M)	Input voltage
9	R	--	3	58	19.3	71.4	5	DC24V
	G	--	3	171	57			
	B	--	3	33	11			
	RGB	--	9	248	27.6			
10	2700±100K	>90	5	360	72			
	5500±300K	>90	5	357	71.4			
	3800K±200K	>90	10	722	72.2			

SPI parameter

Input voltage	Power	Color	LM/M	LM/W	Pixel No	Signal Type	IC Model	Cutting length (mm)	Max length (M)
DC12V	13	R	44.4	3.4	100	SPI	UCS1903	10	3
		G	143	11.0					
		B	33.5	2.6					
		RGB	210	16.2					

- The above color temperature values are the finished color temperature.
- The above data are typical values. Due to tolerances in the production process, characteristics of electronic components, and other factors, the test parameters will have an error of ±10%.
- The maximum serial connection length is for single-ended power input.
- For RGB/RGBW/RGBW/SPI, the maximum connection length refers to the recommended connection length of single-ended power supply when the LED strip is fully loaded. In practical applications, depending on the effect of the controller driving the LED strip, the serial connection can be extended as appropriate in the case of low power.

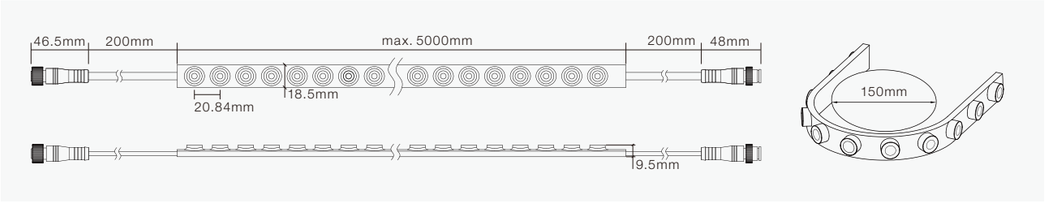
FLEX LED
WALL WASHER SERIES

Flex LED wall washer, adopting TPU material, it's resistant to yellowing, high temperature, corrosion, weak acid and alkali, and has great flexibility. PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability. It can replace the traditional hard wall washer light or LED strip. It's small in size, light in weight, flexible and easy to install. Various beam angles (30°, 45°, 60°, 20*45°) are available for different applications. With low voltage DC24V, higher safety factor.

PU WALL WASHER SERIES Single color 48LEDs 24V

- U-shapes TPU + PU coating materials, it resistant to yellowing, high temperature, corrosion, weak acid and alkali.
- Replaced traditional hard wall washer light, smaller sizes, lighter weights, flexible and easy to install.
- Self-encapsulated design offers optional 2700-6000K.
- Various beam angles (30°, 45°, 60°, 20*45° are available for different applications.

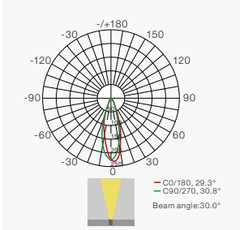
DIMENSIONS & WATERPROOF



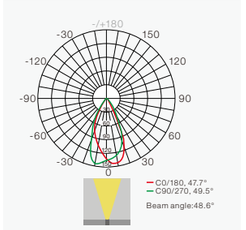
PRODUCT SPECIFICATION

Dimension	5000mmx18.5mmx9.5mm	Power(W)	18Watt/meter
Chip density	48LED,20.8mm LED pitch	Voltage(V)	DC24V
Step LEDs	6LED	Current(A/m)	0.75A
Step length	125mm	Ambient temperature	-25°C~+45°C

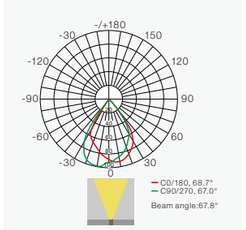
Light Distribution CURVE [Unit: cd]



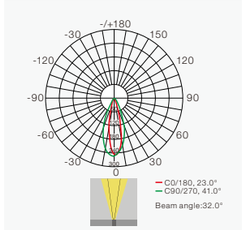
Beam angle:30°



Beam angle:45°



Beam angle:60°



Beam angle:20°*45°

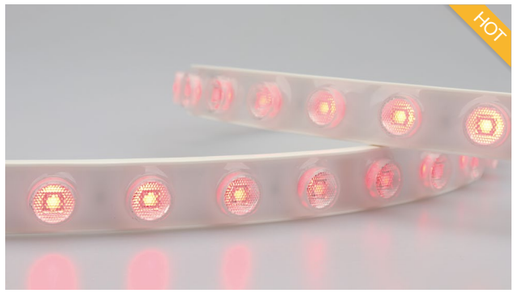
PRODUCT PHOTOMETRICS (The data base on 15W 6000K)

CCT(K)	Lumen(lm/m)	Efficiency(lm/w)	CRI	R9	Rf(Fidelity)	Rg(Gamut)	EEI Class
2700±100	1851	100.83	92.33	62.26	90.55	99.88	A+
3000±100	1915	106.38	93.25	64.51	92.36	100.39	A+
4000±200	2167	120.38	92.93	65.28	94.55	101.19	A+
6500±300	1949	108.27	94.62	66.88	93.98	101.28	A+

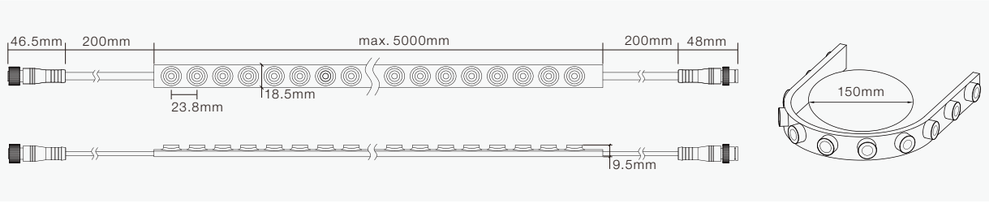
Order code: LY48-FW2835W30-24-IP67-30° — deg.:30°/45°/60°/20*45°
CCT:W27/W30/W40/W65

PU WALL WASHER SERIES RGBX color 42LEDs 24V

- U-shapes TPU + PU coating materials, it resistant to yellowing, high temperature, corrosion, weak acid and alkali.
- Replaced traditional hard wall washer light, smaller sizes, lighter weights, flexible and easy to install.
- Various beam angles (15°, 30°,45°, 20*60° are available for different applications.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000mmx18.5mmx9.5mm	Power(W)	8.5Watt/meter
Chip density	42LED,23.8mm LED pitch	Voltage(V)	DC24V
Step LEDs	6LED	Current(A/m)	0.35A
Step length	166.6mm	Ambient temperature	-25°C~+45°C

PRODUCT PHOTOMETRICS (The data base on IP20 RGB)

Color	Power(w/m)	Lumen(lm/m)	Efficiency(lm/w)	Wavelength(nm)	CCT(K)	CRI
Red	2.3	72	31.30	620~630	-	-
Green	2.1	156	74.29	520~530	-	-
Blue	1.8	34	18.89	460~470	-	-
RGB	6.2	264	42.58	-	42400	48.18

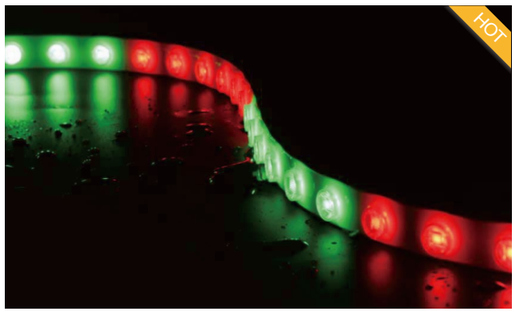
PRODUCT PHOTOMETRICS (The data base on IP20 RGBW)

Color	Power(w/m)	Lumen(lm/m)	Efficiency(lm/w)	Wavelength(nm)	CCT(K)	CRI
Red	2.2	77.0	35.0	620~630	-	-
Green	2.1	212.1	101.0	518~530	-	-
Blue	2	45.0	22.5	464~474	-	-
RGB	6.2	264	42.58	-	42400	48.18
W	1.8	211	117.2	3000k		
RGBW	8	540.0	67.5	-		

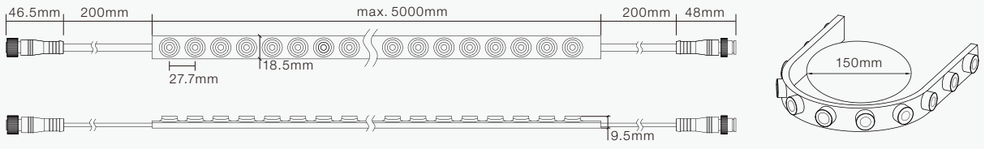
Order code: LY42-FW3535RGB-24-IP67-30° — deg.:15°/30°/45°/15*60°
Color:RGB/RGBW30/RGBW40/RGBW50

PU WALL WASHER SERIES DMX512 36LEDs 24V

- Adopting TPU material, it's resistant to yellowing, high temperature, corrosion, weak acid and alkali,and has great flexibility.
- PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability.
- It can replace the traditional hard wall washer light or LED strip. It's small in size, light in weight, flexible and easy to install.
- Various beam angles (15°, 30°, 45°, 15*60°) are available for different applications.
- With low voltage DC24V, higher safety factor



DIMENSIONS



PRODUCT SPECIFICATION

Dimension	5000mmx18.5mmx9.5mm	Power(W)	8.5Watt/meter
Beam angle	15° / 30° / 45° / 15*60°	Voltage(V)	DC24V
Pixel(pix/m)	6	Current(A/m)	0.35A
Gray Scale	256	Cutting Length	166.6
Control Mode	DMX512	Ambient temperature	-25°C~+45°C

PRODUCT PHOTOMETRICS (The data base on IP20 RGB)

Color	Power(w/m)	Lumen(lm/m)	Efficiency(lm/w)	Wavelength(nm)	CCT(K)	CRI
Red	4	61.2	15.3	620~630	-	-
Green	4	137.2	34.3	520~530	-	-
Blue	4	35.2	8.8	460~470	-	-
RGB	8.5	230.4	27.1	-	43502	49.22

ACCESSORY

3M Tape

Silicone Mounting Clips

Stainless steel Mounting Clips

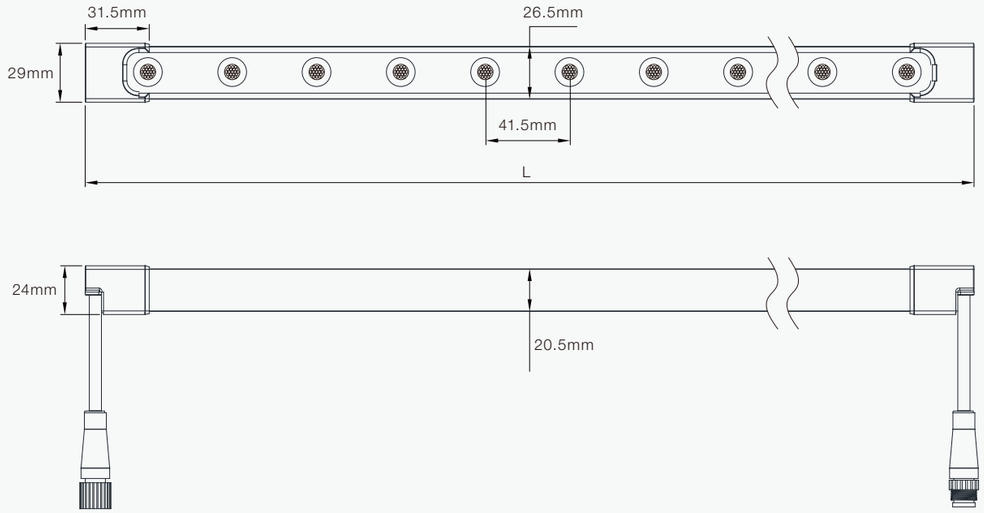
Aluminum Mounting Profile

Order code: LY42-FW3535RGB-DMX512-24-IP67-30° deg.:15°/30°/45°/15*60°

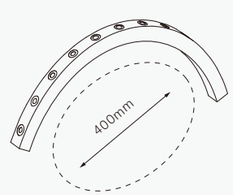
SILICONE FREE BEND SERIES

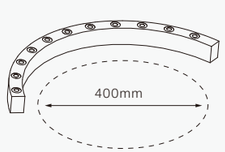
- Using optical grade environmental protection silicone material , salt resistance, acid and alkali corrosion resistance . flame retardant . UV resistance;
- The free bending structure design can perfectly fit the outdoor curved surface of various arcs to achieve the
- Effect of wall washing
- Integrated extrusion molding process , waterproof grade up to Ip65;
- Patented optical structure design , a variety of angles optional;
- Hidden end cap design , easy to insta;

PRODUCT DIMENSION



BENDING DIAMETET





SILICONE FREE BEND SERIES

BASIC PARAMETERS

Input Voltage	24V
CRI	>80
Beam angle	15° / 30° / 50° / 20*35 / 18*20 / 20*55
LEDS / M	24LEDs
Warranty period	3 years
Control mode	PWM

Working temperature	-25°C~+40°C
Cuttable length	250mm
Waterproof level	P65
Max run length	5m
Net weight	590g /m

Note: RGBW only has beam angle: 35° / 30°x45°.

WHITE COLOR PARAMETERS

CCT	LEDs/m	Power(W/M)	CRI	LM/M	LM/M
2700K(2500K-2850K)	24	24	80	1525	63.5
3000K(2800K-3200K)	24	24	80	1580	65.8
4000K(3800K-4200K)	24	24	80	1545	64.4
6500K(6200K-6800K)	24	24	80	1480	61.7

TUNABLE WHITE PARAMETERS

CCT	LEDs/m	Power(W/M)	CRI	LM/M	LM/M
2700K only(2500K-2850K)	/	12	80	850	70.8
6500K only(6200K-6800K)	24	12	80	850	70.0
2700K+6500K	/	24	80	1600	66.7

RGB COLOR PARAMETERS

CCT	LEDs/m	Power(W/M)	LM/M	LM/M
Red only	24	6	150	25.0
Green only	24	6	260	43.3
Blue only	24	6	65	10.8
RGB	24	18	515	28.6

RGBW parameters

CCT	LEDs/m	Power(W/M)	LM/M	LM/M
Red only	24	4.5	140	31
Green only	24	4.5	340	75
Blue only	24	4.5	64	14
White	24	4.5	380	84
RGBW	24	18	850	47

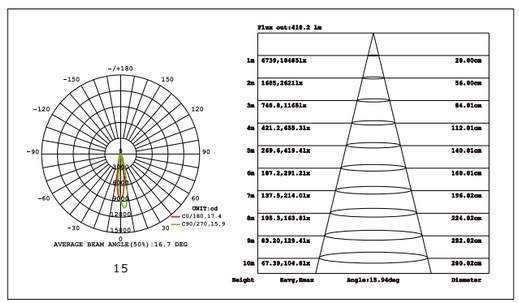
DMX512 RGB parameters

CCT	IC Tyoe	LEDs/m	Pixels/m	Power(W/M)	LM/M	LM/M
Red only	SM18522PH	24	4	6	145	24.2
Green only	SM18522PH	24	4	6	360	60.0
Blue only	SM18522PH	24	4	6	65	10.8
RGB	SM18522PH	24	4	18	515	28.6

Note:
1. Test ambient temperature is 25°C(±2°C);
2. Brightness deviation is ±10%;
3. The Angle of the test sample is30°;

SILICONE FREE BEND SERIES

LIGHT DISTRIBUTION CURVE



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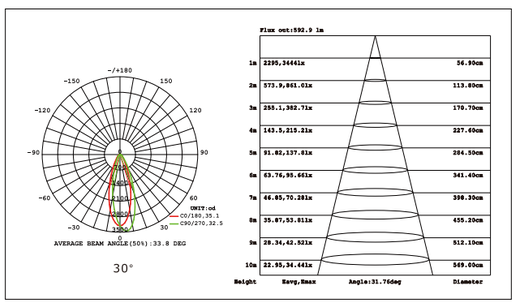
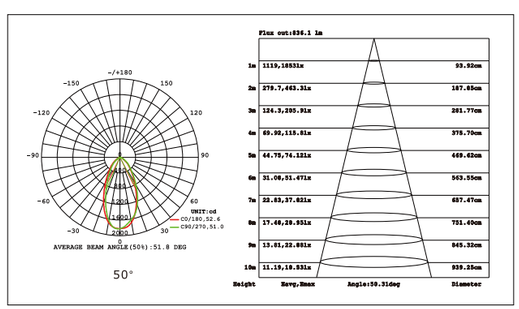
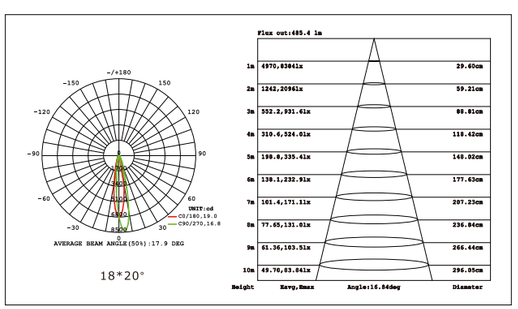


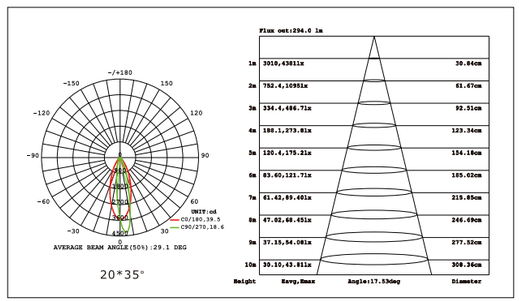
30°



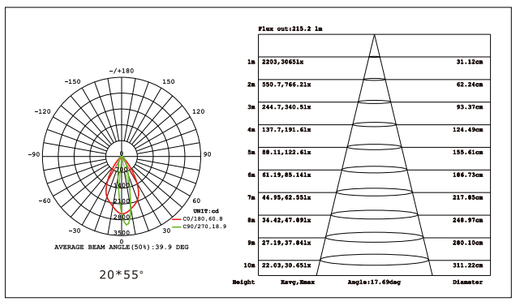
50°



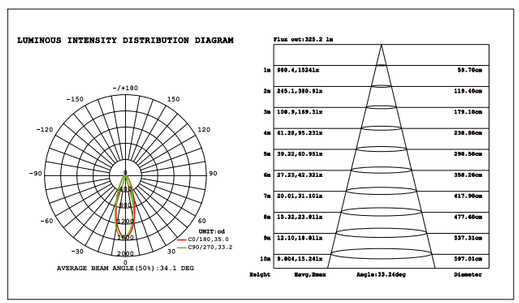
18*20°

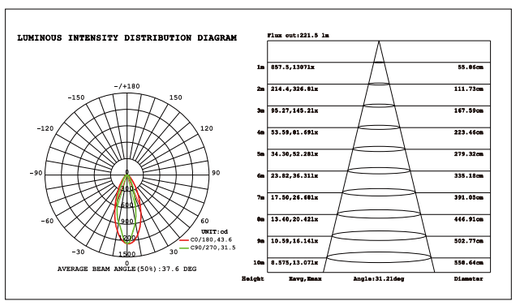


20*35°

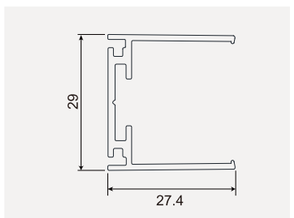


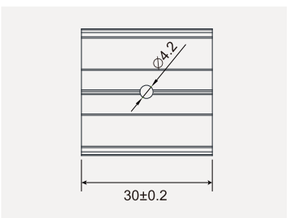
20*55°



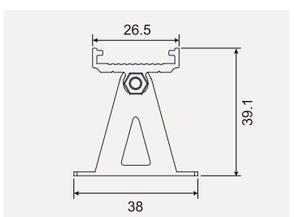


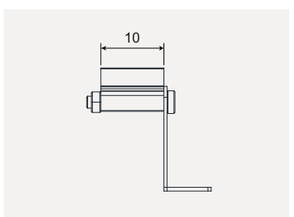
ALUMINUM CLIP

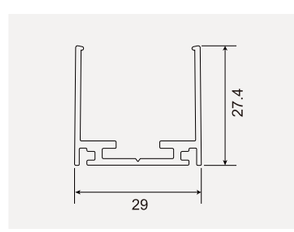




ADJUSTABLE ANGLE CLIP (USE WITH ALUMINUM CLIPS OR PROLE)

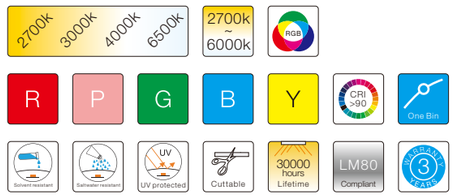




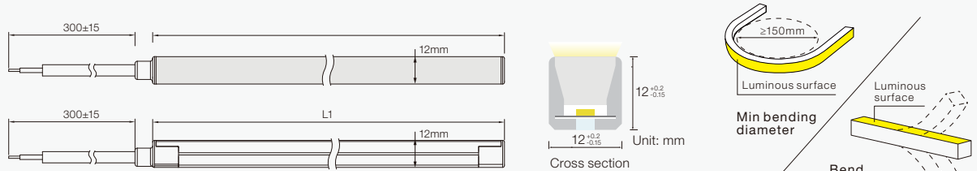


SILICONE NEON WALL WASHER T1212FW 24V

- Using Dow Chemical brand silicone rubber
- Eco-friendly silicone with integrated extrusion process
- Integrated design for enhanced wall washing illumination
- IP67 with resistance to salts, acids, alkalis, and UV
- Matt finished surface, dust-resistant



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	DC24V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~ 60°C
Ambient Temperature	Min.-25°C Max(Table below)
CRI	≥90

SPECIFICATION

Power	Min:5W/M;Max:10W/M
Efficacy@4000K	70lm/w
Max Ambient Temperature	45°C
Beam Angle	75x30°
Max Ambient Temperature	45℃

Due to the tolerance of the production and electrical components, output value and electrical power can very up to 10%

LENGTH STANDARD

Length Range (M)	Final Length		Tolerance
	Integral end cap	Silicone end cap	
0M<Neon Strip(L)≤5M	L+6	L+8	±7
5M<Neon Strip(L)≤10M	L+6	L+8	±10
10M<Neon Stript(L)≤15M	L+6	L+8	±13

Length Range (M)	Final Length		Tolerance
	Integral end cap	Silicone end cap	
15M<Neon Strip(L)≤20M	L+6	L+8	±16
20M<Neon Strip(L)≤25M	L+6	L+8	±19
25M<Neon Strip(L)≤30M	L+6	L+8	±22

PRODUCT PHOTOMETRICS

Part Number	CCT (K)	High power(5w/m) LM/M	LM/W	High power(10w/m) LM/M	LM/W	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1212-W27	2700K±150	302	60.4	604	60.4	50	13(CC)	CC/CV
NS-S1212-W30	3000K±150	318.5	63.7	637	63.7	50	13(CC)	CC/CV
NS-S1212-W40	4000K +400 -200	350	70	700	70	50	13(CC)	CC/CV
NS-S1212-W65	6500K +200 -600	335.5	67.1	671	67.1	50	13(CC)	CC/CV
NS-S1212-R	Red	148	29.6	296	29.6	50	17(CC)	CC/CV
NS-S1212-G	Green	328.5	65.7	657	65.7	50	13(CC)	CC/CV

Part Number	CCT (K)	High power(5w/m) LM/M	LM/W	High power(10w/m) LM/M	LM/W	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1212-B	Blue	73	14.6	146	14.6	50	13(CC)	CC/CV
NS-S1212-Y	Yellow	91.5	18.3	183	18.3	50	17(CC)	CC/CV
NS-S1212-P	Pink	297	59.4	594	59.4	50	13(CC)	CC/CV

PRODUCT PHOTOMETRICS

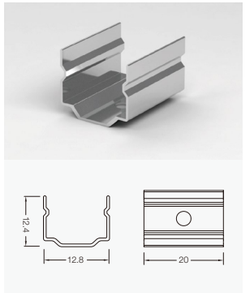
Part Number	CCT (K)	High power(5w/m) LM/M	LM/W	High power(10w/m) LM/M	LM/W	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1212-TW	WW	194.5	77.8	389	77.8	50	5	CV
NS-S1212-TW	W	218.5	87.4	437	87.4	50	5	CV
NS-S1212-TW	W+WW	410.5	82.1	821	82.1	50	5	CV

RGB COLOR PARAMETERS

Part Number	CCT (K)	High power(5w/m) LM/M	LM/W	High power(10w/m) LM/M	LM/W	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1212-RGB	Red	46	27.9	92	27.9	62.5	5	CV
NS-S1212-RGB	Green	151.5	91.8	303	91.8	62.5	5	CV
NS-S1212-RGB	Blue	27	16.4	54	16.4	62.5	5	CV
NS-S1212-RGB	RGB	222.5	44.5	445	44.5	62.5	5	CV

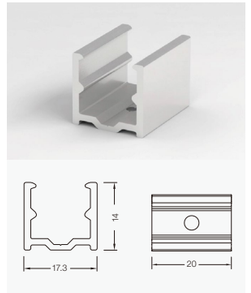
MOUNTING WAY

Mounting Clips



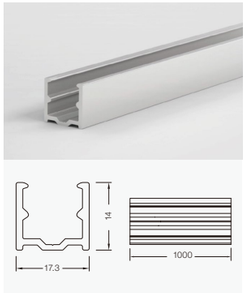
Dimension: 20x12.8x12.4mm
Accessories: Screw M3x15mm

Aluminium Mounting Clips



Dimension: 20x17.3x14mm
Accessories: Screw M3x15mm

Aluminium Profile

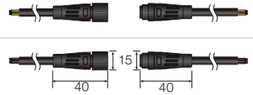


Dimension: 1000(±5)x17.3x14mm
Accessories: Screw M3x15mm

Suspension Installation

Use with the profile

CABLE SPECIFICATION

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm / Inner core: 20AWG	●●	Red V+, Black V-
		OD: 5.0mm / Inner core: 20AWG	○●●	Brown V+, White W, Yellow WW
		OD: 5.5mm / Inner core: 20AWG	●●●●	Black V+, Blue B, Green GR, ed R
Waterproof Connector with PVC Cable		OD: 5.0mm / Inner core: 20AWG M12Male / Female connecto	●●	Red V+, Black V-
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto	○●●	Brown V+, White W, Yellow WW
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto	●●●●	Black V+, Blue B, Green GR, ed R

NEON FLEX SERIES

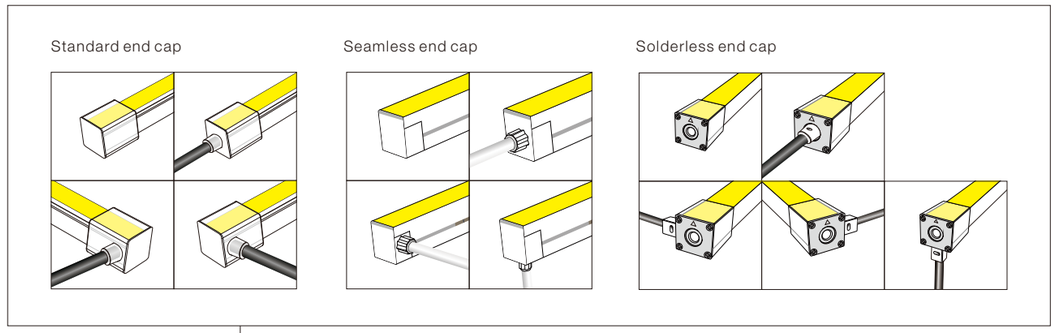
Neon Flex comprises two main types: Silicone Neon and PU Neon.

Silicone Neon: Created using a three-color silicone integrated extrusion shaping process, this neon offers protection grades ranging from IP65 to IP68. This makes it versatile for indoor, outdoor, and even underwater usage. It is resilient against saline solutions, acids, alkalis, corrosive gases, fire, and UV rays. Its applications are diverse, including indoor and outdoor decorative molding, building outlines, and city night scene illumination to achieve impressive lighting effects.

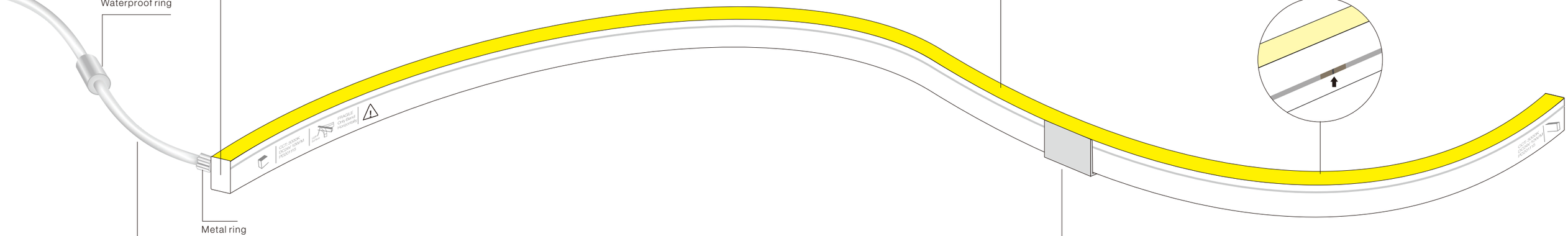
PU Neon: Constructed with a TPU U-shaped milky tube and filled with opal PU glue, this neon holds an IP68 protection grade. It's specifically designed for underwater usage, boasting UV and saltwater resistance, making it ideal for underwater decorative lighting.

NEON FLEX SOLUTION

Cable outlet



Waterproof ring

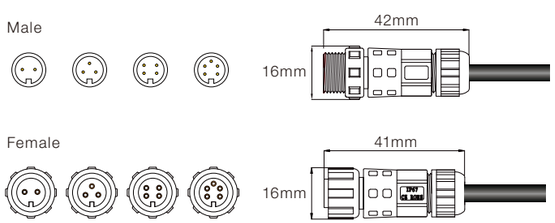


Metal ring

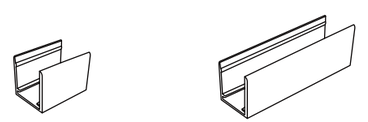
Integrally extruded
Max length up to 50meters with one end power

Cutting mark

IP65/IP67 cable connector



Mounting Accessories



Mounting Clip

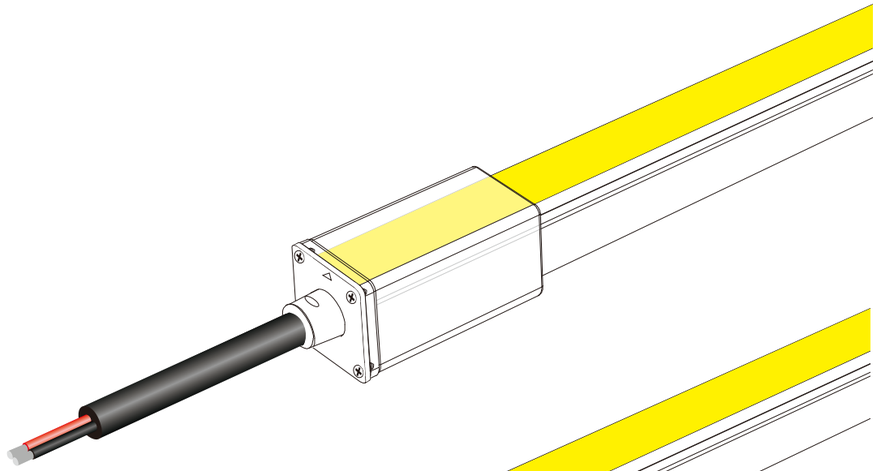
Mounting Profile

Moldable Groovez

IP PROCESS TECHNOLOGY

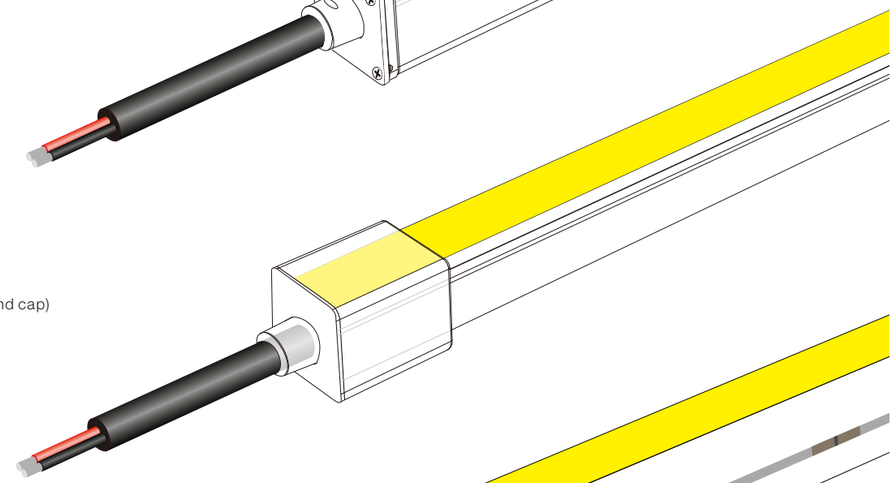
IP65

(Solderless end cap)



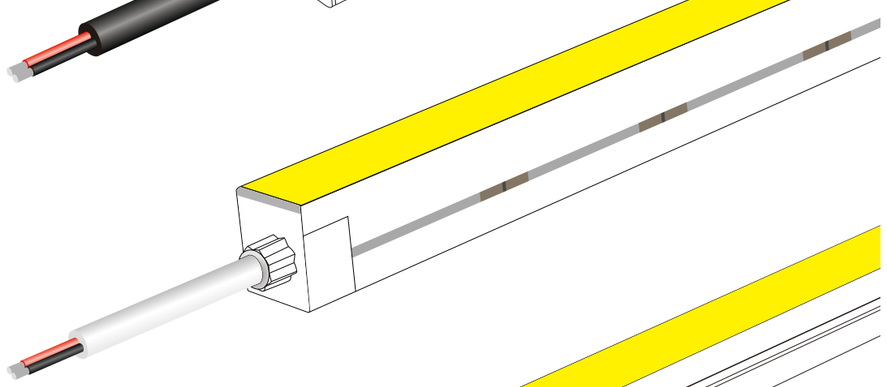
IP67

(Standard silicone end cap)



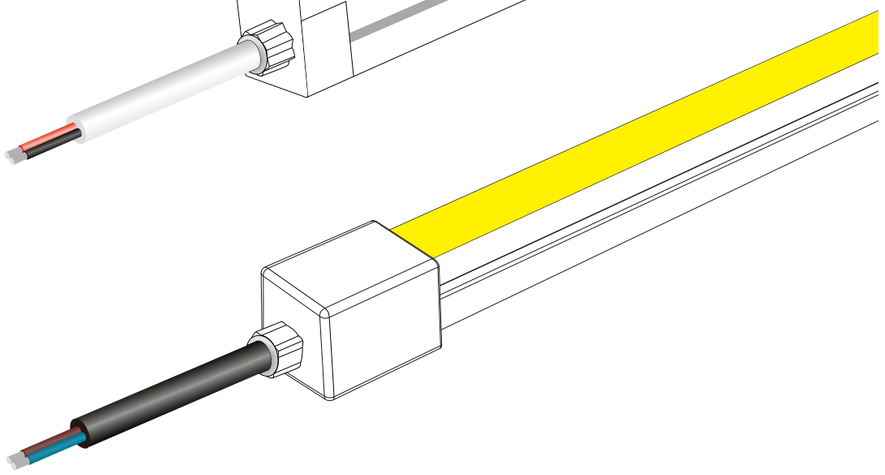
IP67

(Seamless end cap)

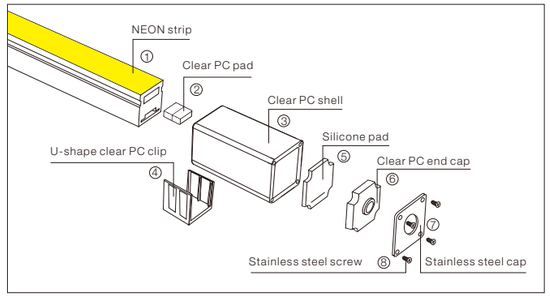


IP68

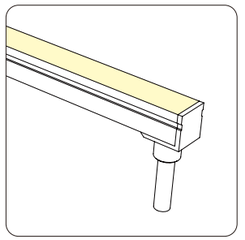
(SILICON NEON)



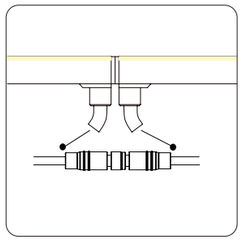
IP65 Solderless end cap deconstruction diagram



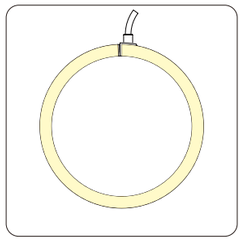
IP67 Seamless end cap without dark area



Linear interconnection without dark area

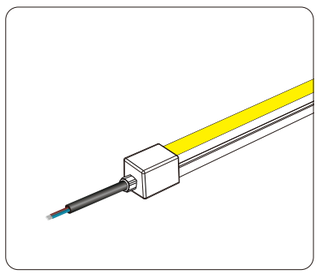


Curve interconnection of lighting outward without dark area



Curve interconnection of lighting outward without dark area

IP68 end cap, used under the water

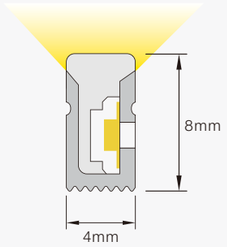


Pool

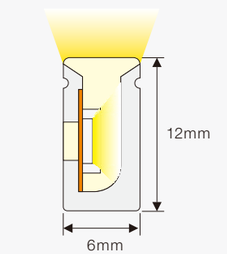
Under water<2meters deep

SIDE BEND

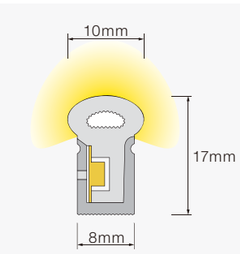
Series	Flat luminous surface series (Side bend)
Model	NS-S0408
Size(mm)	4x8
Voltage	DC24V
Min cut (mm)	25
Power (W/m)	6
Lumen (LM/m)	199-223
CCT / Color	2700K 3000K 4000K 5000K 6500K R P G B Y O
CRI	>90
Min bending radius (mm)	≥30
IP	IP67



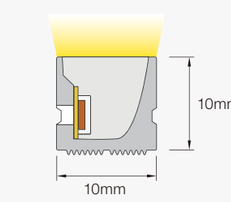
Series	Flat luminous surface series (Side bend)
Model	NS-S0612
Size(mm)	6x12
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	5: 145-190 | 10: 246-360
CCT / Color	2700K 3000K 4000K 5000K 6500K 2200K 5500K R P G B Y
CRI	>90
Min bending radius (mm)	≥50
IP	IP67



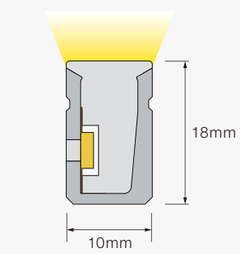
Series	Curve luminous surface series (Side bend)
Model	NS-S0817
Size(mm)	8x17
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	5: 142-174 | 10: 271-340
CCT / Color	2700K 5500K R P G B Y
CRI	>90
Min bending radius (mm)	≥100
IP	IP67



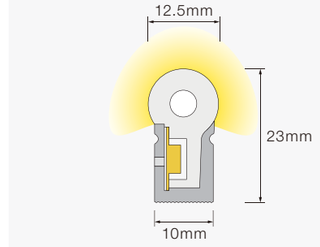
Series	Flat luminous surface series (Side bend)
Model	NS-S1010
Size(mm)	10x10
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	5: 279-356 | 10: 533-690
CCT / Color	2700K 5500K R P G B Y
CRI	>90
Min bending radius (mm)	≥100
IP	IP67



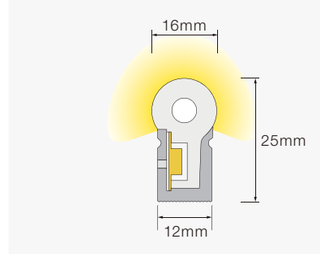
Series	Flat luminous surface series (Side bend)
Model	NS-S1018
Size(mm)	10x18
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 141.4-180.3 | 10: 273.3-356.0 | 15: 371.5-484.1
CCT / Color	2700K 5500K R P G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



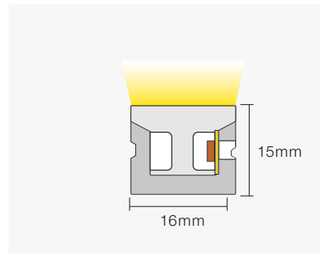
Series	Curve luminous surface series (Side bend)
Model	NS-S1023
Size(mm)	10x23
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 160-197 | 10: 310-387 | 15: 433-542
CCT / Color	2700K 5500K R P G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



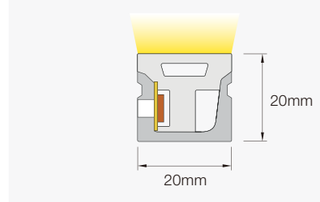
Series	Curve luminous surface series (Side bend)
Model	NS-S1225
Size(mm)	12x25
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 124-160 | 10: 237-318 | 15: 332-441
CCT / Color	2700K 5500K R P G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



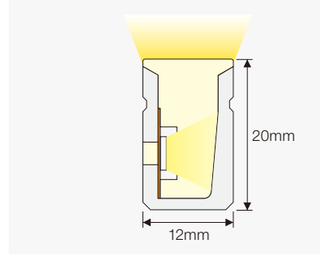
Series	Flat luminous surface series (Side bend)
Model	NS-S1615
Size(mm)	16x15
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 315-390 | 10: 590-750 | 15: 840-1080
CCT / Color	2700K 5500K R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP67



Series	Flat luminous surface series (Side bend)
Model	NS-S2020
Size(mm)	20x20
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 198-240 | 10: 382-464 | 15: 546-671
CCT / Color	2700K 5500K R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

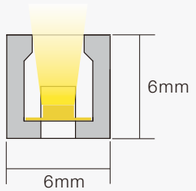


Series	Flat luminous surface series (Side bend)
Model	NS-S1220
Size(mm)	12x20
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW) / 166.7(DMX512)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 131.7-176.9 | 10: 258.7-345.1 | 15: 360.9-475.4
CCT / Color	2200K 5500K R P G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP67

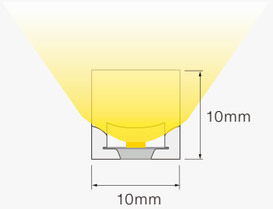


TOP BEND

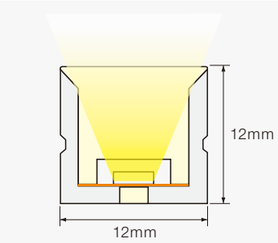
Series	Flat luminous surface series (Top Bend)
Model	NS-T0606
Size(mm)	6x6
Voltage	DC24V
Min cut (mm)	25
Power (W/m)	6
Lumen (LM/m)	235~379
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K 6500K R P G B Y O
CRI	>90
Min bending radius (mm)	≥50
IP	IP67



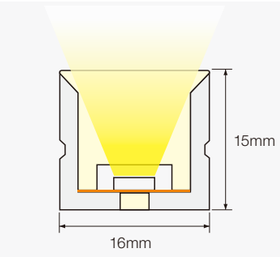
Series	Flat luminous surface series (Top Bend)
Model	NS-T1010
Size(mm)	10x10
Voltage	DC24V
Min cut (mm)	35.7
Power (W/m)	5/10
Lumen (LM/m)	5: 332.5~429.6 | 10: 644.1~828.8
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K 6500K R P G B Y
CRI	>90
Min bending radius (mm)	≥100
IP	IP67



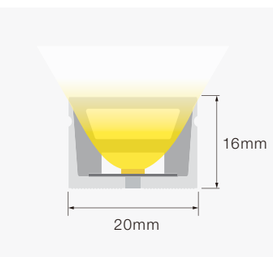
Series	Flat luminous surface series (Top Bend)
Model	NS-T1212
Size(mm)	12x12
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	5: 289.6~354.1 | 10: 559.8~681.9
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K 6500K 2200k 5700k R P G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



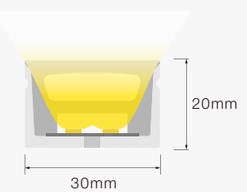
Series	Flat luminous surface series (Top Bend)
Model	NS-T1615
Size(mm)	16x15
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW) / 166.7(DMX512)
Power (W/m)	5/10/15
Lumen (LM/m)	5: 240.3~300.7 | 10: 459.9~583.9 | 15: 627.5~815.8
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K 6500K 2200k 5800k R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP67



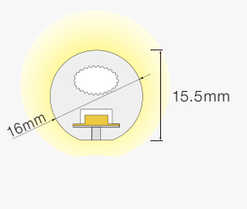
Series	Flat luminous surface series (Top Bend)
Model	NS-T2016
Size(mm)	20x16
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW)
Power (W/m)	12/16/20
Lumen (LM/m)	12: 608~783 | 16: 792~1009 | 20: 942~1220
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K 6500K 3000k 6000k R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP67



Series	Flat luminous surface series (Top Bend)
Model	NS-T3020
Size(mm)	30x20
Voltage	DC24V
Min cut (mm)	50(Single color) / 41.66(Tunable/RGB/RGBW)
Power (W/m)	16/20/24
Lumen (LM/m)	16: 836.9~1067 | 18: 1017~1298 | 24: 1196~1534
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K 6500K 3000k 6000k R P G B Y
CRI	>90
Min bending radius (mm)	≥300
IP	IP67

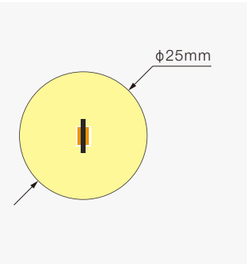


Series	Curve luminous surface series (Top Bend)
Model	NS-D16
Size(mm)	16
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	284~378
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K 6500K 2700k 5400k R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

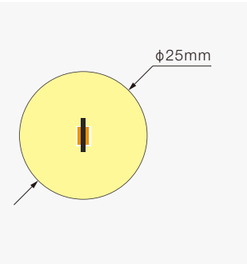


360° SERIES

Series	Round luminous surface series (360° SERIES)
Model	NS-D25
Size(mm)	25
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	5: 256~309 | 10: 551~604
CCT / Color	2400K 2700K 3000K 3500K 4000K 4500K 5000K 2400k 6000k R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

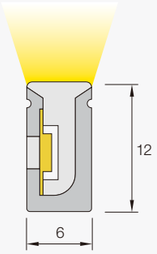


Series	POSEABLE 360°SILICONE NEON (360° SERIES)
Model	NS-D25P
Size(mm)	25
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	363~547
CCT / Color	2700K 3000K 3500K 4000K 4500K R P G B Y
CRI	>90
Min bending radius (mm)	≥400
IP	IP67

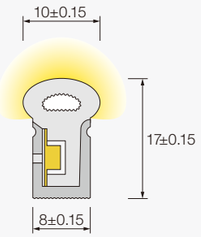


DMX512 & SPI SERIES

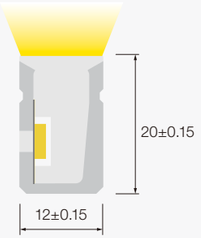
Series	Flat luminous surface series (DMX512 & SPI SERIES)
Model	NS-S0612
Size(mm)	6X12
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	42-162
CCT / Color	
CRI	>90
Min bending radius (mm)	≥30
IP	IP67



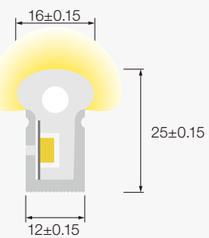
Series	Curve luminous surface series (DMX512 & SPI SERIES)
Model	NS-S0817
Size(mm)	8X17
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	36-152
CCT / Color	
CRI	>90
Min bending radius (mm)	≥100
IP	IP67



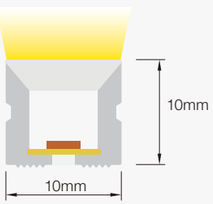
Series	Flat luminous surface series (DMX512 & SPI SERIES)
Model	NS-S1220
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	125
Power (W/m)	12
Lumen (LM/m)	28-159
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



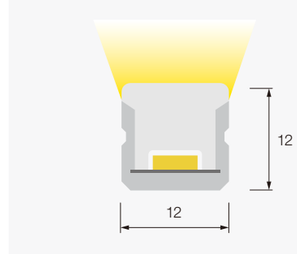
Series	Curve luminous surface series (DMX512 & SPI SERIES)
Model	NS-S1225
Size(mm)	12X25
Voltage	DC24V
Min cut (mm)	125
Power (W/m)	12
Lumen (LM/m)	25-145
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



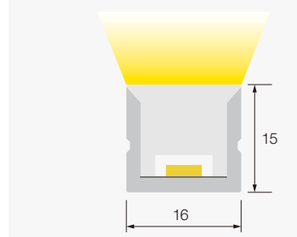
Series	Flat luminous surface series (DMX512 & SPI SERIES)
Model	NS-T1010
Size(mm)	10X10
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	69-304
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



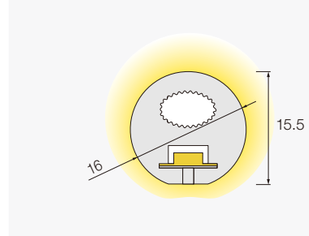
Series	Flat luminous surface series (DMX512 & SPI SERIES)
Model	NS-T1212
Size(mm)	12X12
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	60-266
CCT / Color	
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



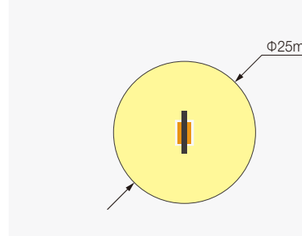
Series	Flat luminous surface series (DMX512 & SPI SERIES)
Model	NS-T1615
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	125
Power (W/m)	12
Lumen (LM/m)	48-262
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67



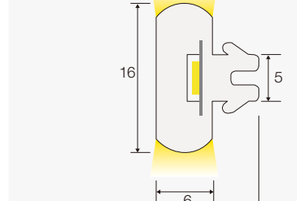
Series	Curve luminous surface series (DMX512 & SPI SERIES)
Model	NS-D16
Size(mm)	16
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	69-294
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67



Series	Round luminous surface series (DMX512 & SPI SERIES)
Model	NS-D25
Size(mm)	25
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	25
Lumen (LM/m)	112-474
CCT / Color	
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

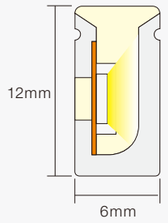


Series	Curve luminous surface series (DMX512 & SPI SERIES)
Model	NS-S0612D
Size(mm)	6X12
Voltage	DC24V
Min cut (mm)	100
Power (W/m)	12.5
Lumen (LM/m)	64-243
CCT / Color	
CRI	>90
Min bending radius (mm)	≥100
IP	IP67

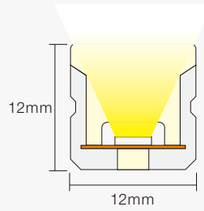


MINI CUTTING SERIES

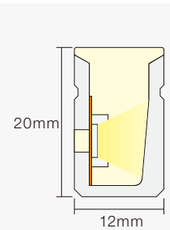
Series	Flat luminous surface series (MINI CUTTING SERIES)
Model	NS-S0612MC
Size(mm)	6X12
Voltage	DC24V
Min cut (mm)	8.33
Power (W/m)	5/10
Lumen (LM/m)	173.25-181.50
CCT / Color	2700K 3000K 4000K 6500K
CRI	>90
Min bending radius (mm)	≥50
IP	IP67



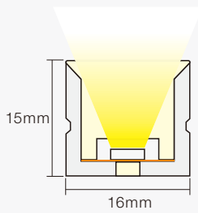
Series	Flat luminous surface series (MINI CUTTING SERIES)
Model	NS-T1212MC
Size(mm)	12X12
Voltage	DC24V
Min cut (mm)	8.33
Power (W/m)	5/10/15
Lumen (LM/m)	299.25-313.50
CCT / Color	2700K 3000K 4000K 6500K
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



Series	Flat luminous surface series (MINI CUTTING SERIES)
Model	NS-S1220MC
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	8.33
Power (W/m)	5/10/15
Lumen (LM/m)	144.37-151.25
CCT / Color	2700K 3000K 4000K 6500K
CRI	>90
Min bending radius (mm)	≥150
IP	IP67

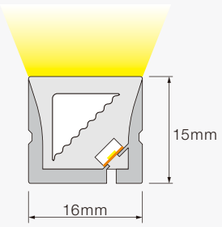


Series	Flat luminous surface series (MINI CUTTING SERIES)
Model	NS-T1615MC
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	8.33
Power (W/m)	5/10/15
Lumen (LM/m)	254.62-266.75
CCT / Color	2700K 3000K 4000K 6500K
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

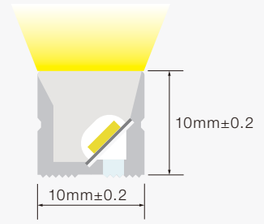


3D SERIES

Series	Flat luminous surface series (3D SERIES)
Model	NS-3D1615
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	316-391
CCT / Color	2700K 3000K 4000K 5300K 6500K
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

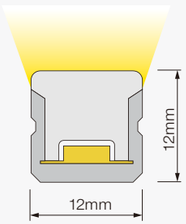


Series	Flat luminous surface series (3D SERIES)
Model	NS-3D1010
Size(mm)	10±0.2X10±0.2
Voltage	DC24V
Min cut (mm)	35.7
Power (W/m)	10
Lumen (LM/m)	5: 232-253 | 10: 464-506
CCT / Color	2700K 3000K 4000K 5300K 6500K
CRI	>90
Min bending radius (mm)	Top>300 Side>400
IP	IP67

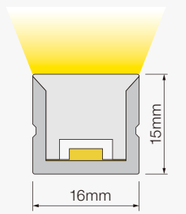


HIGH EFFICIENCY SERIES

Series	Flat luminous surface series (HIGH EFFICIENCY SERIES)
Model	NS-T1212H
Size(mm)	12X12
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	420-480
CCT / Color	2700K 3000K 4000K 5300K 6500K
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

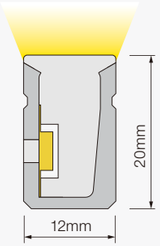


Series	Flat luminous surface series (HIGH EFFICIENCY SERIES)
Model	NS-T1615H
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10/15
Lumen (LM/m)	375-450
CCT / Color	2700K 3000K 4000K 5300K 6500K
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

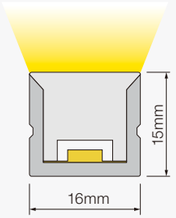


BLACK SERIES

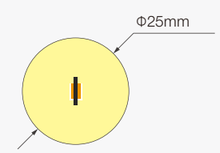
Series	Flat luminous surface series (BLACK SERIES)
Model	NS-S1220B
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10/15
Lumen (LM/m)	9.1–10.1
CCT / Color	2700K 3000K 4000K 5000K 6000K R G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP67



Series	Flat luminous surface series (BLACK SERIES)
Model	NS-T1615B
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10/15
Lumen (LM/m)	10.3–10.9
CCT / Color	2700K 3000K 4000K 5000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

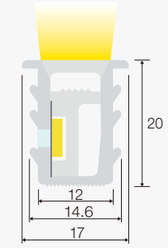


Series	Round luminous surface series (BLACK SERIES)
Model	NS-D25B
Size(mm)	25
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	5: 37–40 | 10: 75–83
CCT / Color	2700K 3000K 4000K 5000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP67

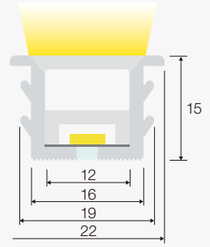


WING-DESIGNED NEON

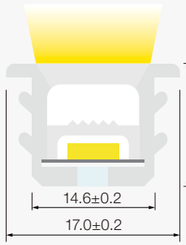
Series	Flat luminous surface series (IP44 SERIES)
Model	NS-S1220T
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	374–407
CCT / Color	2400K 2700K 3000K 4000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP44



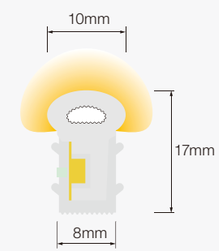
Series	Flat luminous surface series (IP44 SERIES)
Model	NS-T1615T
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	48.8–63.0
CCT / Color	2400K 2700K 3000K 4000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP44



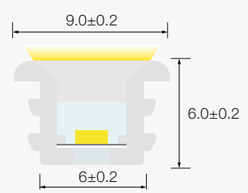
Series	Flat luminous surface series (IP65 SERIES)
Model	NS-T1212T
Size(mm)	12X12
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	488–585
CCT / Color	2400K 2700K 3000K 4000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥150
IP	IP65



Series	Curve luminous surface series (IP44 SERIES)
Model	NS-S0817T
Size(mm)	8X17
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	340–414
CCT / Color	2700K 3000K 4000K 5000K 6000K R P G B Y O
CRI	>90
Min bending radius (mm)	≥100
IP	IP44

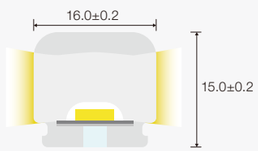


Series	Flat luminous surface series (IP65 SERIES)
Model	NS-S0606T
Size(mm)	6X6
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	6
Lumen (LM/m)	415.2–442.8
CCT / Color	2400K 2700K 3000K 4000K 6000K R P G B Y
CRI	>90
Min bending radius (mm)	≥50
IP	IP65

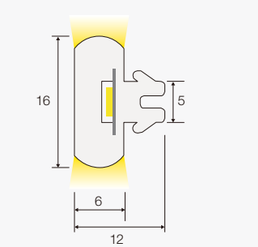


DOUBLE-SIDE EMITTING NEON FLEX

Series	Double-side emitting Neon flex
Model	NS-DT1615
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	604~638
CCT / Color	2700K 3000K 3500K 4000K 5000K 6500K R P G B Y O
CRI	>90
Min bending radius (mm)	≥200
IP	IP65

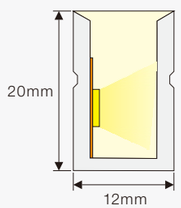


Series	Double-side emitting Neon flex
Model	NS-DS1612
Size(mm)	16X12
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	520~600
CCT / Color	2700K 3000K 3500K 4000K 5000K 6500K R P G B Y
CRI	>90
Min bending radius (mm)	≥200
IP	IP65

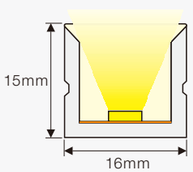


IP68 PU SERIES

Series	Flat luminous surface series (PU SERIES)
Model	NP-S1220
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10/15
Lumen (LM/m)	314~330
CCT / Color	2700K 3000K 3500K 4000K 5000K 6500K
CRI	>80
Min bending radius (mm)	≥300
IP	IP68

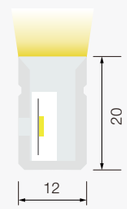


Series	Flat luminous surface series (PU SERIES)
Model	NP-T1615
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10/15
Lumen (LM/m)	498~513
CCT / Color	2700K 3000K 3500K 4000K 5000K 6500K
CRI	>80
Min bending radius (mm)	≥300
IP	IP68

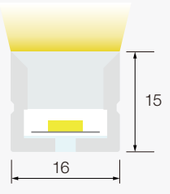


IP68 SILICONE NEON

Series	Flat luminous surface series (PU SERIES)
Model	NP-S1220
Size(mm)	12X20
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	242~290
CCT / Color	2400K 2700K 3000K 4000K 6000K R P G B Y O
CRI	>90
Min bending radius (mm)	≥150
IP	IP68



Series	Flat luminous surface series (PU SERIES)
Model	NP-T1615
Size(mm)	16X15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	10
Lumen (LM/m)	370~410
CCT / Color	2400K 2700K 3000K 4000K 6000K R P G B Y O
CRI	>90
Min bending radius (mm)	≥200
IP	IP68



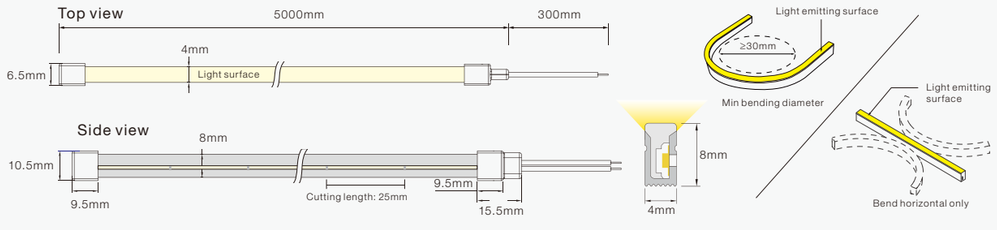
SIDE / HORIZONTAL BEND SERIES

This series of LED neon lights can be bent either on the side or horizontally.

SIDE / HORIZONTAL BEND S0408 NEON 24V

- Regular power 6W/m
- Max length 5 meters with one end power
- Seven CCT optional from 2100K to 5300K

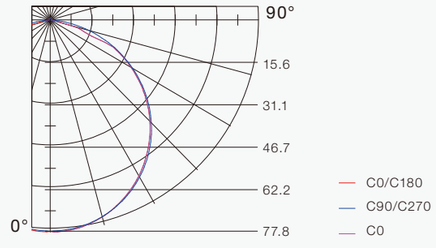
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
S0408	
Power(W/m)	6
Efficacy(lm/W)@3000K	42.2
Max Length(m)	5

POLAR CURVE (The data base on 6W 5300K)

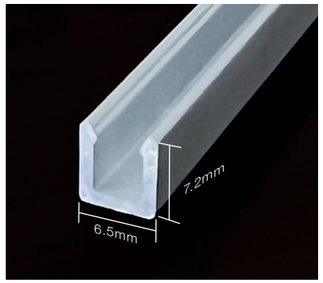


PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Lumen(lm/m)	Efficacy(lm/w)
NS-S0408-W21	2000-2300K	199	33.2
NS-S0408-W24	2300-2600K	212	35.3
NS-S0408-W26	2400-2800K	219	36.5
NS-S0408-W30	2800-3300K	253	42.2
NS-S0408-W35	3200-3900K	223	37.2
NS-S0408-W42	3900-4600K	214	35.7
NS-S0408-W53	5000-5700K	221	36.8

ACCESSORY

Mounting accessories



Mounting clip (length: 1.5cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap Standard end cap

Endcap without hole

Outlet from the end

Wire cable

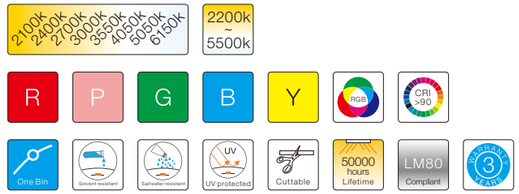
2PIN cable

Connector

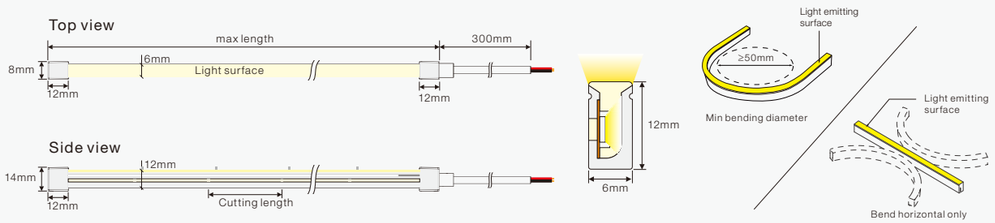
2PIN connector (Single color)

SIDE / HORIZONTAL BEND S0612 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 20 meters with one end power
- Silicone end cap
- Eight CCT optional from 2100K to 6150K



DIMENSIONS & WATERPROOF

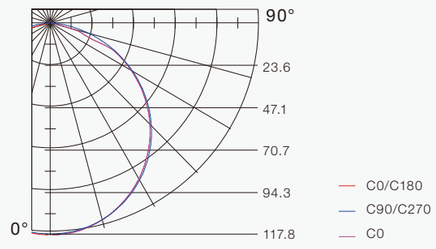


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	50mm

POLAR CURVE (The data base on 10W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-S0612-W21	2000-2200K	145	15m	246	10m
NS-S0612-W24	2300-2500K	173	15m	312	10m
NS-S0612-W27	2600-2800K	178	15m	353	10m
NS-S0612-W30	2900-3100K	154	15m	299	10m
NS-S0612-W35	3400-3700K	169	15m	327	10m
NS-S0612-W40	3800-4300K	186	15m	360	10m
NS-S0612-W50	4800-5300K	187	15m	360	10m
NS-S0612-W60	5900-6400K	190	15m	359	10m

TUNABLE COLOR PARAMETERS

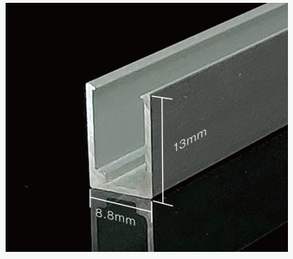
Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-S0612-TW	2000-2300K	58	5m	126	5m
NS-S0612-TW	5000-5500K	88	5m	177	5m
NS-S0612-TW	3400-3700K	158	5m	269	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-S0612-R	620-625nm	82.0	20m	160.0	13m
NS-S0612-G	515-525nm	240.0	15m	398.0	10m
NS-S0612-B	460-465nm	29.7	15m	51.6	10m
NS-S0612-Y	585-595nm	61.4	20m	125.0	13m
NS-S0612-P	-	78.0	15m	144.6	10m
NS-S0612-RGB	15000-30000K	73.0	5m	126.6	5m

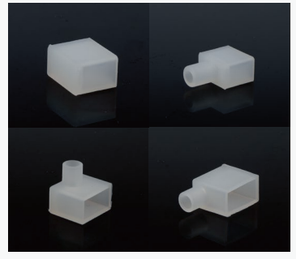
ACCESSORY

Mounting accessories



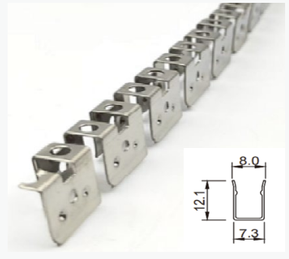
Mounting clip(length: 2cm)
Mounting channel(length: 1m, 2m,3m)

Endcap



Standard end cap

Curved Stainless Steel mounting profile



Wire cable

2PIN cable

3PIN cable

4PIN cable

Connector

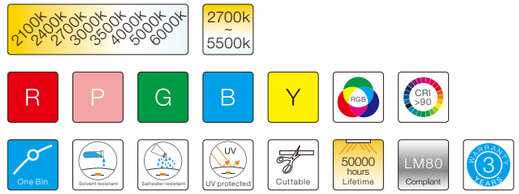
2PIN connector (Single color)

3PIN connector (Tunable White)

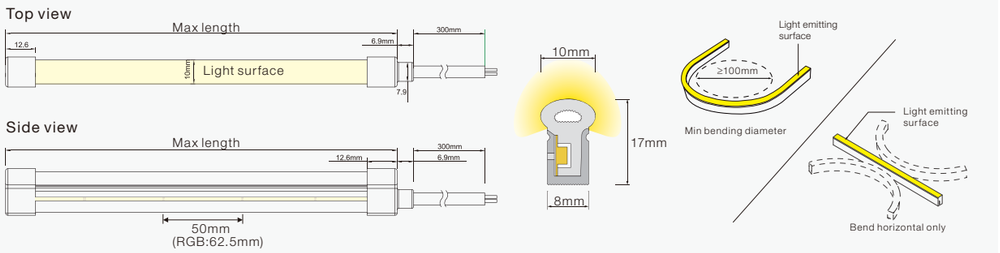
4PIN connector (RGB color)

SIDE / HORIZONTAL BEND S0817 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 25 meters with one end power
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

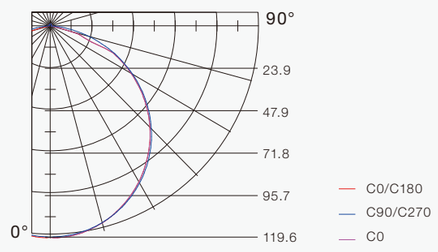


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE (The data base on 10W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-S0817-W21	2000~2200K	142	19m	271	13m
NS-S0817-W24	2300~2500K	148	19m	285	13m
NS-S0817-W27	2600~2800K	159	19m	310	13m
NS-S0817-W30	2900~3100K	154	19m	311	13m
NS-S0817-W35	3400~3700K	160	19m	323	13m
NS-S0817-W40	3800~4300K	174	19m	340	13m
NS-S0817-W50	4800~5300K	175	19m	344	13m
NS-S0817-W60	5900~6300K	166	19m	319	13m

TUNABLE COLOR PARAMETERS

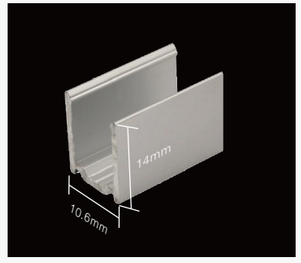
Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-S0817-TW	2500-2900K	81	5m	169	5m
NS-S0817-TW	5000-5800K	83	5m	173	5m
NS-S0817-TW	3500-4200K	161	5m	332	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-S0817-R	Red(620-625nm)	67.7	25m	192.2	17m
NS-S0817-G	Green(515-525nm)	195.0	19m	466.0	13m
NS-S0817-B	Blue(460-465nm)	34.7	19m	92.7	17m
NS-S0817-Y	Yellow(585-595nm)	14.6	25m	37.4	13m
NS-S0817-P	Pink	74.3	19m	195.8	17m
NS-S0817-RGB	RGB	77.4	5m	108.0	5m

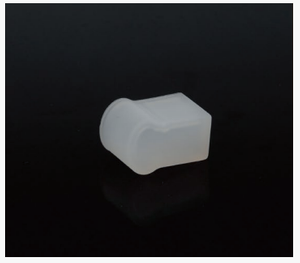
ACCESSORY

Mounting accessories

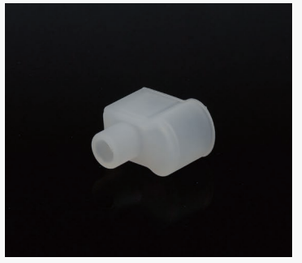


Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap Standard end cap

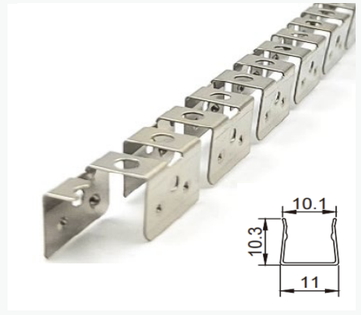


Endcap without hole



Outlet from the end

Curved Stainless Steel mounting profile



Wire cable

2PIN cable

3PIN cable

4PIN cable

Connector

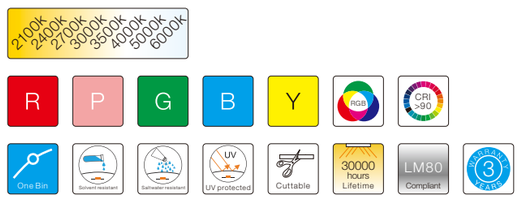
2PIN connector (Single color)

3PIN connector (Tunable White)

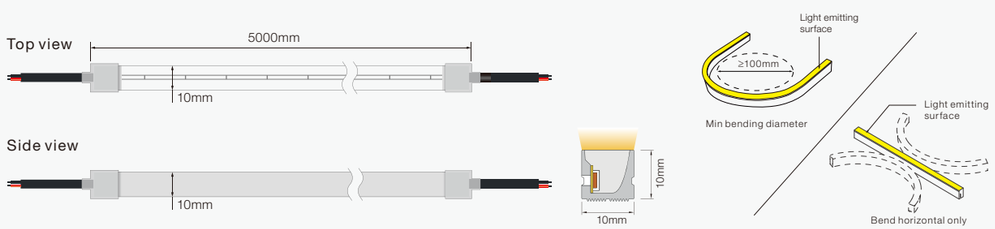
4PIN connector (RGB color)

SIDE / HORIZONTAL BEND S1010 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 5 meters with one end power
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

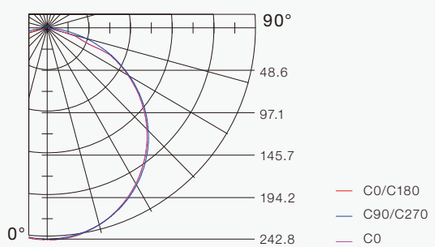


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~60°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE (The data base on 10W 4000K)



PRODUCT PHOTOMETRICS

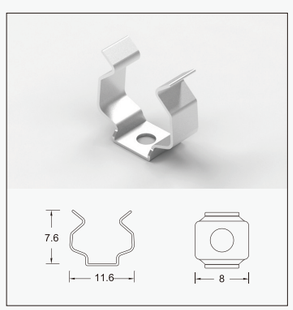
Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-S1010-W21	2000~2200K	279	5m	533	5m
NS-S1010-W24	2300~2500K	292	5m	564	5m
NS-S1010-W27	2600~2800K	298	5m	571	5m
NS-S1010-W30	2900~3100K	322	5m	623	5m
NS-S1010-W35	3400~3700K	306	5m	593	5m
NS-S1010-W40	3800~4300K	340	5m	660	5m
NS-S1010-W50	4800~5300K	346	5m	677	5m
NS-S1010-W60	5900~6400K	356	5m	690	5m

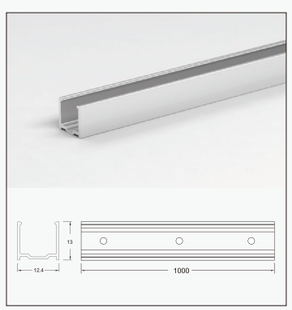
RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-S1010-R	Red(620-625nm)	140	5m	275	5m
NS-S1010-G	Green(515-525nm)	276	5m	540	5m
NS-S1010-B	Blue(460-465nm)	71	5m	131	5m
NS-S1010-Y	Yellow(585-595nm)	127	5m	246	5m
NS-S1010-P	Pink	232	5m	452	5m

ACCESSORY

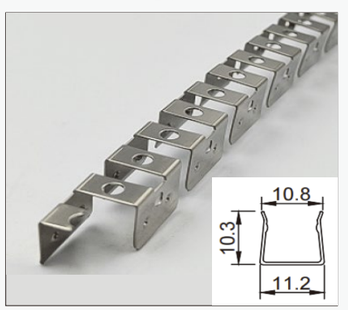
Mounting accessories





Stainless Steel Mounting Clips

Curved Stainless Steel mounting profile



Aluminium Profile

Wire cable

2PIN cable

3PIN cable

4PIN cable

Connector

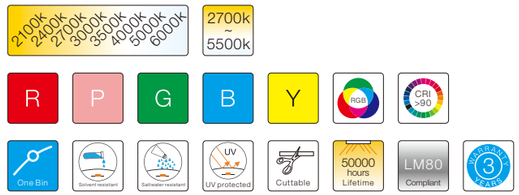
2PIN connector (Single color)

3PIN connector (Tunable White)

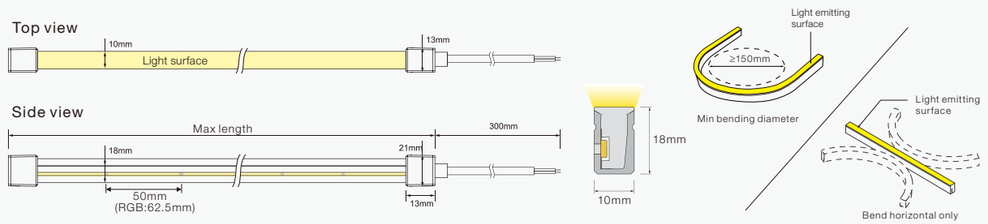
4PIN connector (RGB color)

SIDE / HORIZONTAL BEND S1018 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 33 meters with one end power
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

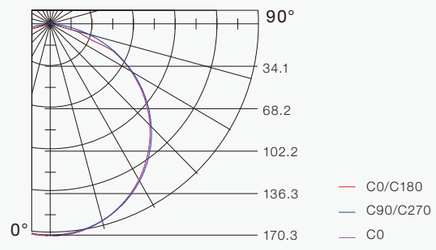


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE (The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	Medium power(10W/m) (lm/m)	(max length)	High power(15W/m) (lm/m)	(max length)
NS-S1018-W21	2000~2200K	141.4	25m	276.4	17m	375.9	12m
NS-S1018-W24	2300~2500K	138.7	25m	273.3	17m	371.5	12m
NS-S1018-W27	2600~2800K	160.4	25m	312.6	17m	421.9	12m
NS-S1018-W30	2900~3100K	163.4	25m	328.4	17m	441.3	12m
NS-S1018-W35	3400~3700K	170.3	25m	327.0	17m	452.6	12m
NS-S1018-W40	3800~4300K	178.3	25m	356.0	17m	484.1	12m
NS-S1018-W50	4800~5300K	180.3	25m	346.0	17m	483.9	12m
NS-S1018-W60	5900~6300K	177.2	25m	353.9	17m	468.5	12m

TUNABLE COLOR PARAMETERS

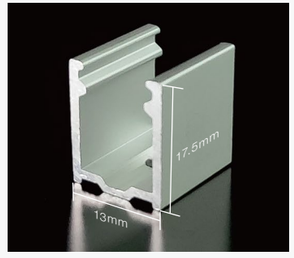
Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	Medium power(10W/m) (lm/m)	(max length)	High power(15W/m) (lm/m)	(max length)
NS-S1018-TW	2500-2900K	77.2	5m	163.2	5m	219.0	5m
NS-S1018-TW	5000-5800K	83.0	5m	173.5	5m	231.5	5m
NS-S1018-TW	3500-4200K	160.8	5m	337.0	5m	451.8	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m) (lm/m)	(max length)	Medium power(10W/m) (lm/m)	(max length)	High power(15W/m) (lm/m)	(max length)
NS-S1018-R	Red(620-625nm)	70	33m	150	22m	192.2	17m
NS-S1018-G	Green(515-525nm)	190	25m	356	17m	466.0	12m
NS-S1018-B	Blue(460-465nm)	38	25m	71	17m	92.7	12m
NS-S1018-Y	Yellow(585-595nm)	59	33m	116	22m	37.4	17m
NS-S1018-P	Pink	74	25m	148	17m	195.8	12m
NS-S1018-RGB	RGB	82	5m	144	5m	108.0	5m

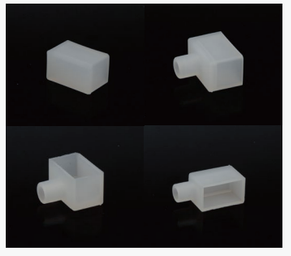
ACCESSORY

Mounting accessories



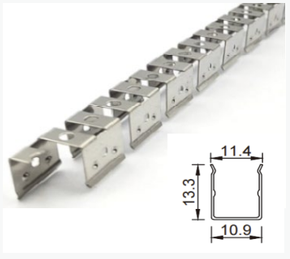
Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap



Standard end cap

Curved Stainless Steel mounting profile



Wire cable

2PIN cable

3PIN cable

4PIN cable

Connector

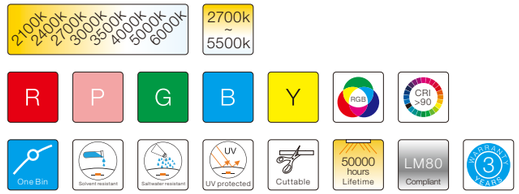
2PIN connector (Single color)

3PIN connector (Tunable White)

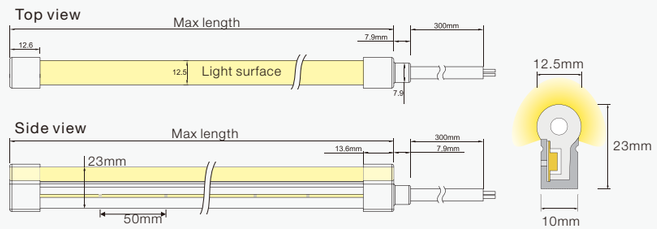
4PIN connector (RGB color)

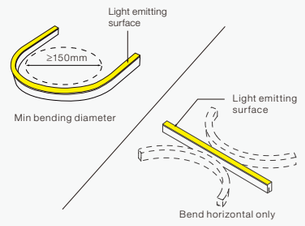
SIDE / HORIZONTAL BEND S1023 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 33 meters with one end power
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF



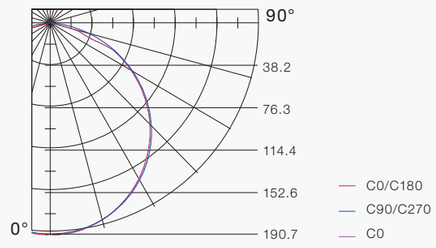


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE (The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

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)
NS-S1023-W21	2000~2200K	160	25m	310	17m	433	13m
NS-S1023-W24	2300~2500K	167	25m	322	17m	454	13m
NS-S1023-W27	2600~2800K	179	25m	349	17m	491	13m
NS-S1023-W30	2900~3100K	175	25m	345	17m	478	13m
NS-S1023-W35	3400~3700K	194	25m	381	17m	534	13m
NS-S1023-W40	3800~4300K	197	25m	387	17m	542	13m
NS-S1023-W50	4800~5300K	191	25m	376	17m	531	13m
NS-S1023-W60	5900~6300K	179	25m	350	17m	500	13m

TUNABLE COLOR PARAMETERS

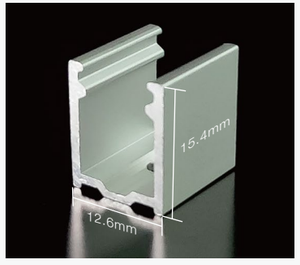
Part Number	CCT(K)	Low power(5W/m)		Medium powerr(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1023-TW	2500-2900K	85	5m	180	5m	251	5m
NS-S1023-TW	5000-5800K	89	5m	190	5m	262	5m
NS-S1023-TW	3500-4200K	175	5m	362	5m	509	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1023-R	Red(620-625nm)	69	33m	148	22m	197	17m
NS-S1023-G	Green(515-525nm)	213	25m	404	17m	513	13m
NS-S1023-B	Blue(460-465nm)	40	25m	74	17m	103	13m
NS-S1023-Y	Yellow(585-595nm)	63	33m	125	22m	156	17m
NS-S1023-P	Pink	81	25m	162	17m	218	13m
NS-S1023-RGB	RGB	78	5m	145	5m	181	5m

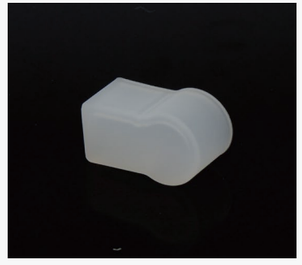
ACCESSORY

Mounting accessories

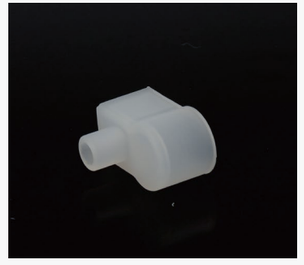


Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap Standard end cap



Endcap without hole



Outlet from the end

Wire cable

2PIN cable

3PIN cable

4PIN cable

Connector

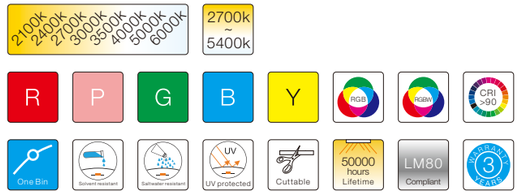
2PIN connector (Single color)

3PIN connector (Tunable White)

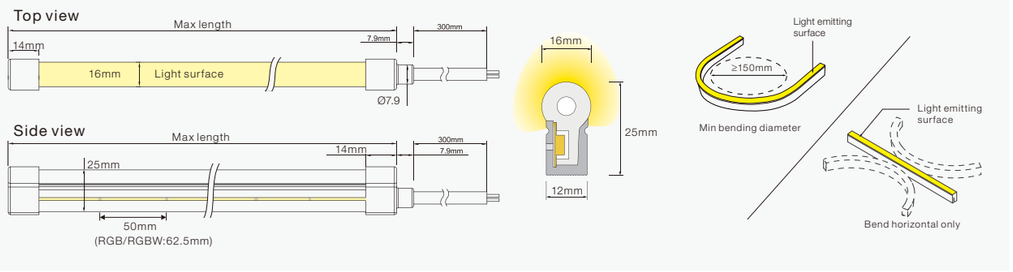
4PIN connector (RGB color)

SIDE / HORIZONTAL BEND S1225 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 35 meters with one end power
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

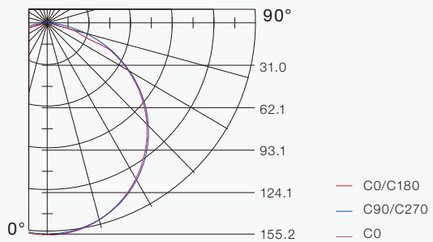


(RGB/RGBW:62.5mm)

PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE (The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

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)
NS-S1225-W21	2000~2200K	124	27m	237	17m	332	14m
NS-S1225-W24	2300~2500K	139	27m	270	17m	382	14m
NS-S1225-W27	2600~2800K	146	27m	286	17m	400	14m
NS-S1225-W30	2900~3100K	144	27m	286	17m	395	14m
NS-S1225-W35	3400~3700K	153	27m	304	17m	428	14m
NS-S1225-W40	3800~4300K	160	27m	318	17m	441	14m
NS-S1225-W50	4800~5300K	153	27m	301	17m	423	14m
NS-S1225-W60	5900~6300K	159	27m	313	17m	436	14m

TUNABLE COLOR PARAMETERS

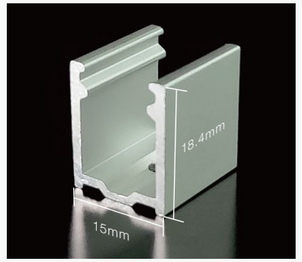
Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1225-TW	2500-2900K	73	5m	150	5m	207	5m
NS-S1225-TW	5000-5800K	75	5m	156	5m	216	5m
NS-S1225-TW	3400-4000K	142	5m	291	5m	403	5m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1225-R	Red(620-625nm)	55.6	35m	123	23m	172	18m
NS-S1225-G	Green(515-525nm)	181	27m	340.7	17m	426	14m
NS-S1225-B	Blue(460-465nm)	32	27m	61.4	17m	85.7	14m
NS-S1225-Y	Yellow(585-595nm)	49.6	35m	102.5	23m	126.7	18m
NS-S1225-P	Pink	65.6	27m	131.7	17m	175.8	14m
NS-S1225-RGB	RGB	70.4	5m	131.6	5m	161.2	5m
NS-S1225-RGBW50	RGB+5000K	91.7	5m	180.8	5m	254.7	5m

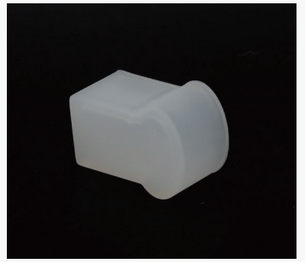
ACCESSORY

Mounting accessories

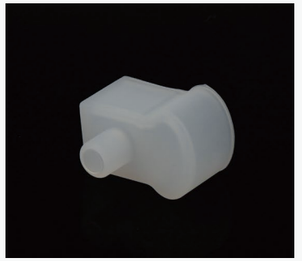


Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap Standard end cap



Endcap without hole



Outlet from the end

Wire cable

2PIN cable

3PIN cable

4PIN cable

5PIN cable

Connector

2PIN connector (Single color)

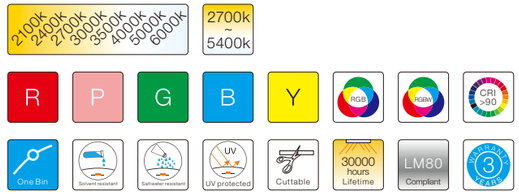
3PIN connector (Tunable White)

4PIN connector (RGB color)

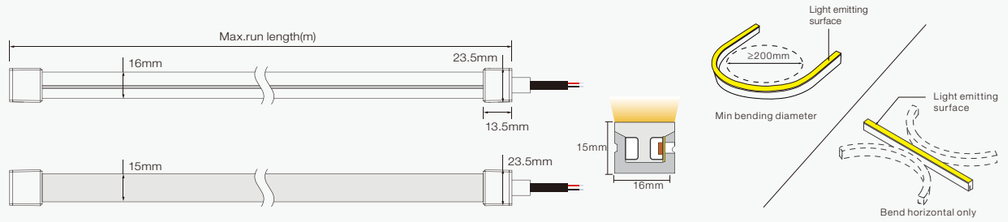
5PIN connector (RGB+White color)

SIDE / HORIZONTAL BEND S1615 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 25 meters with one end power
- Integrated extrusion molding processr
- Eight CCT optional from 2100K to 6000K



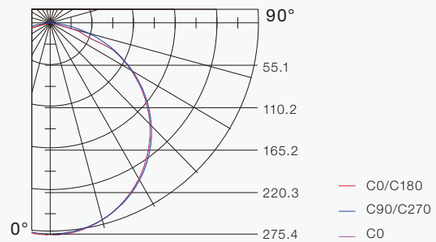
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~60°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE (The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

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)
NS-S1615-W21	2000-2200K	315	25m	590	17m	840	13m
NS-S1615-W24	2300-2500K	345	25m	640	17m	915	13m
NS-S1615-W27	2600-2800K	340	25m	640	17m	915	13m
NS-S1615-W30	2900-3100K	350	25m	670	17m	960	13m
NS-S1615-W35	3400-3700K	345	25m	650	17m	930	13m
NS-S1615-W40	3800-4300K	380	25m	730	17m	1050	13m
NS-S1615-W50	4800-5300K	390	25m	750	17m	1080	13m
NS-S1615-W60	5900-6400K	385	25m	730	17m	1050	13m

TUNABLE COLOR PARAMETERS

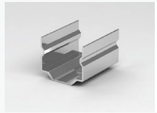
Part Number	CCT(K)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1615-TW	WW:2600-2800K	180	5m	188	5m	370	5m
NS-S1615-TW	CW:5100-5700K	350	5m	365	5m	710	5m
NS-S1615-TW	WW+CW:3500-4200K	510	5m	533	5m	1035	5m

RGB & RGBW COLOR PARAMETERS

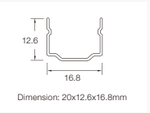
Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-S1615-R	Red(620-625nm)	160	25m	310	17m	435	13m
NS-S1615-G	Green(515-525nm)	300	25m	580	17m	825	13m
NS-S1615-B	Blue(460-465nm)	75	25m	140	17m	180	13m
NS-S1615-Y	Yellow(585-595nm)	160	25m	310	17m	450	13m
NS-S1615-P	Pink	260	25m	500	17m	720	13m
NS-S1615-RGB	R	43	5m	80	5m	110	5m
NS-S1615-RGB	G	107	5m	207	5m	300	5m
NS-S1615-RGB	B	23	5m	40	5m	50	5m
NS-S1615-RGB	RGB	185	5m	330	5m	450	5m

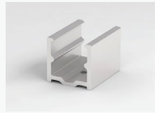
ACCESSORY

Mounting accessories

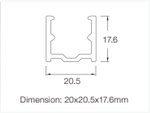


Stainless Steel Mounting clips

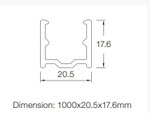




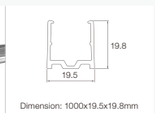
Aluminium Mounting clips



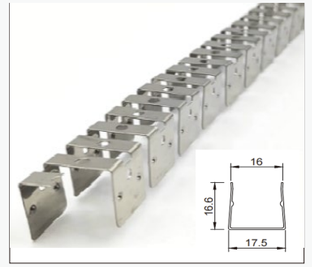
Aluminium Profile



Transparent plastic groove



Curved Stainless Steel mounting profile



Wire cable

2PIN cable

3PIN cable

4PIN cable

5PIN cable

Connector

2PIN connector (Single color)

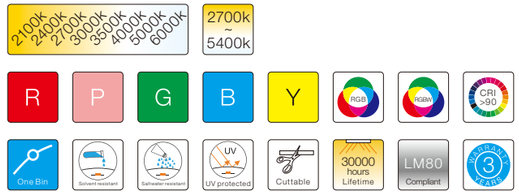
3PIN connector (Tunable White)

4PIN connector (RGB color)

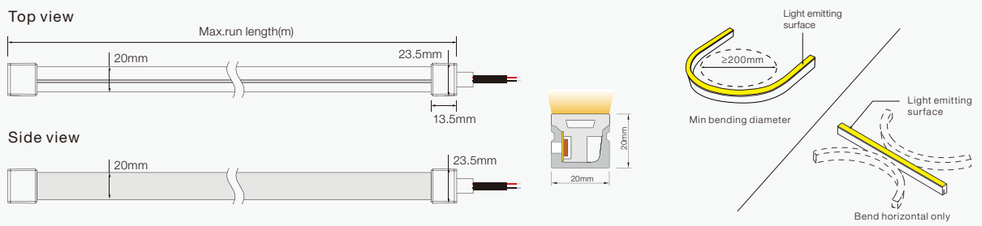
5PIN connector (RGB+White color)

SIDE / HORIZONTAL BEND S2020 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 27 meters with one end powe
- Integrated extrusion molding processr
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

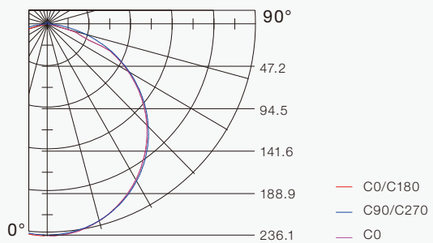


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~60°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE (The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	Medium power(10W/m) (lm/m)	(max length)	High power(15W/m) (lm/m)	(max length)
NS-S2020-W21	2000~2200K	198	27m	382	17m	546	14m
NS-S2020-W24	2300~2500K	235	27m	453	17m	650	14m
NS-S2020-W27	2600~2800K	239	27m	461	17m	662	14m
NS-S2020-W30	2900~3100K	225	27m	432	17m	617	14m
NS-S2020-W35	3400~3700K	248	27m	480	17m	687	14m
NS-S2020-W40	3800~4300K	242	27m	467	17m	635	14m
NS-S2020-W50	4800~5300K	241	27m	466	17m	665	14m
NS-S2020-W60	5900~6300K	240	27m	464	17m	671	14m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	Medium power(10W/m) (lm/m)	(max length)	High power(15W/m) (lm/m)	(max length)
NS-S2020-TW	2600-2800K	131	5m	250	5m	360	5m
NS-S2020-TW	5100-5700K	133	5m	256	5m	368	5m
NS-S2020-TW	3800-4300K	251	5m	489	5m	693	5m

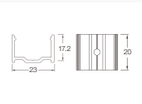
RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m) (lm/m)	(max length)	Medium power(10W/m) (lm/m)	(max length)	High power(15W/m) (lm/m)	(max length)
NS-S2020-R	Red(620-625nm)	120	27m	220	17m	300	14m
NS-S2020-G	Green(515-525nm)	185	27m	350	17m	495	41m
NS-S2020-B	Blue(460-465nm)	53	27m	95	17m	128	14m
NS-S2020-Y	Yellow(585-595nm)	110	27m	205	17m	293	14m
NS-S2020-P	Pink	180	27m	340	17m	480	14m
NS-S2020-RGB	RGB	112	5m	209	5m	284	5m
NS-S2020-RGBW50	RGB+5000K	153	5m	285	5m	396	5m

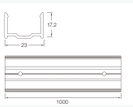
ACCESSORY

Mounting accessories

Aluminium Mounting clips



Aluminium Profile



Wire cable

2PIN cable

3PIN cable

4PIN cable

5PIN cable

Connector

2PIN connector (Single color)

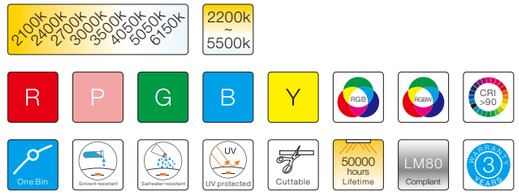
3PIN connector (Tunable White)

4PIN connector (RGB color)

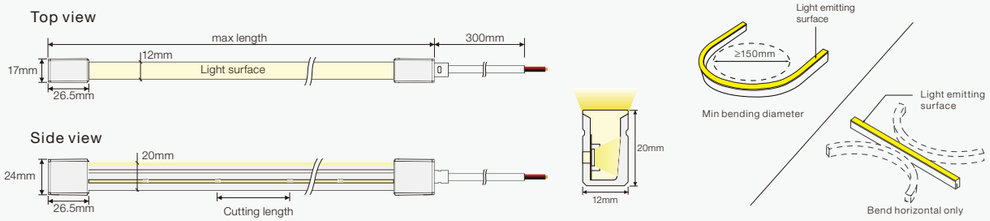
5PIN connector (RGB+White color)

SIDE / HORIZONTAL BEND S1220 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 35 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2100K to 6150K



DIMENSIONS & WATERPROOF

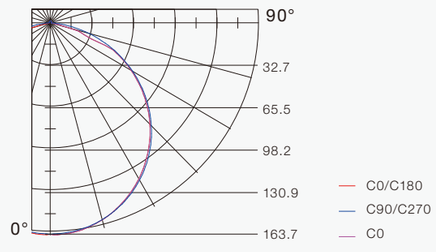


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE (The data base on 15W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	Medium power(10W/m) (lm/m)	(max length)	High power(15W/m) (lm/m)	(max length)
NS-S1220-W21	2000~2200K	131.7	27m	258.7	17m	360.9	14m
NS-S1220-W24	2300~2500K	150.4	27m	293.0	17m	410.1	14m
NS-S1220-W27	2600~2800K	152.7	27m	303.2	17m	431.7	14m
NS-S1220-W30	2900~3100K	156.7	27m	307.2	17m	432.3	14m
NS-S1220-W35	3400~3700K	176.9	27m	345.1	17m	475.4	14m
NS-S1220-W40	3800~4300K	170.1	27m	335.6	17m	470.1	14m
NS-S1220-W50	4800~5300K	170.0	27m	329.4	17m	461.8	14m
NS-S1220-W60	5900~6400K	168.2	27m	328.3	17m	465.1	14m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	Medium power(10W/m) (lm/m)	(max length)	High power(15W/m) (lm/m)	(max length)
NS-S1220-TW	2500-2900K	80.2	5m	171.3	5m	229.0	5m
NS-S1220-TW	5000-5800K	85.6	5m	186.0	5m	244.3	5m
NS-S1220-TW	3500-4200K	167.4	5m	353.5	5m	476.3	5m

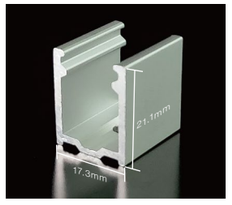
RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m) (lm/m)	(max length)	Medium power(10W/m) (lm/m)	(max length)	High power(15W/m) (lm/m)	(max length)
NS-S1220-R	Red(620-625nm)	73.8	35m	155.4	23m	204.7	18m
NS-S1220-G	Green(515-525nm)	198.2	27m	372.6	17m	473.2	14m
NS-S1220-B	Blue(460-465nm)	35.2	27m	69.8	17m	93.3	14m
NS-S1220-Y	Yellow(585-595nm)	15.5	35m	30.4	23m	40.8	18m
NS-S1220-P	Pink	74.6	27m	148.2	17m	199	14m
NS-S1220-RGB	RGB	86.1	5m	160.2	5m	200.3	5m
NS-S1220-RGBW	RGBW	110.7	5m	211.2	5m	301.8	5m

Note: RGB Constant Current version for option, Max length 13meters with one end power, power is 11w/m, lumen (lm/m) is R:41 G:140 B:23 RGB:200

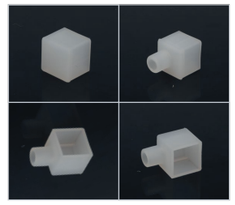
ACCESSORY

Mounting accessories

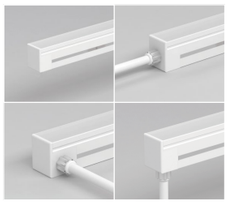


Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

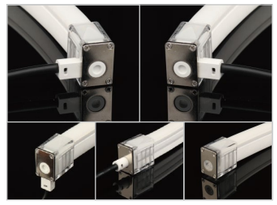
Endcap



Standard end cap



Standard end cap



Standard end cap
Anti syphon metal ring
(Used with seamless end cap for outdoor)

Connector

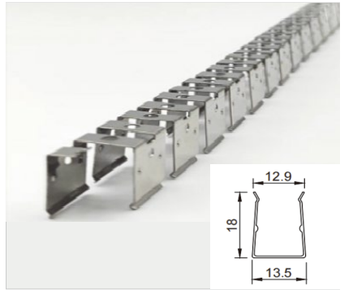
2PIN connector
(Single color)

3PIN connector
(Tunable White)

4PIN connector
(RGB color)

5PIN connector
(RGB+White color)

Curved Stainless Steel mounting profile



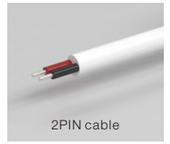
Wire cable

2PIN cable

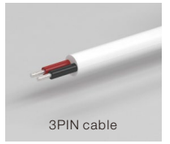
3PIN cable

4PIN cable

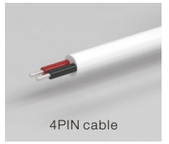
5PIN cable



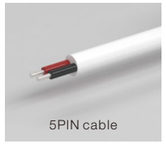
2PIN cable



3PIN cable



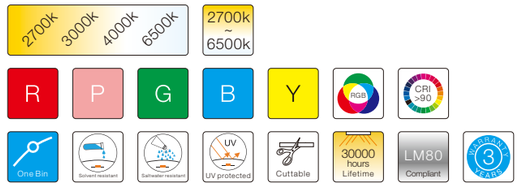
4PIN cable



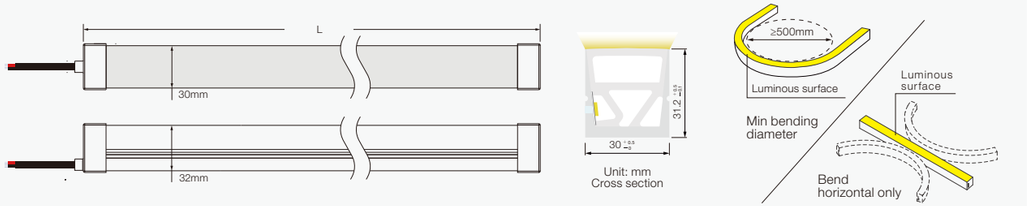
5PIN cable

SIDE / HORIZONTAL BEND S3032 NEON 24V

- Using Dow Chemical brand silicone rubber
- Eco-friendly silicone with integrated extrusion process
- Unique optical design for even, shadow-free illumination
- IP67 with resistance to salts, acids, alkalis, and UV
- Matt finished surface, dust-resistant



DIMENSIONS & WATERPROOF



Electrical Parameter

Voltage	DC24V
LED PIN Temperature	Max. 65℃
Storage Temperature	-25℃~ 60℃
Ambient Temperature	Min.-25°C, Max (Table below)
CRI	＞90

Specification

Power	15w/m
Efficacy@4000K	49.5lm/w
Max Ambient Temperature	45℃

Due to the tolerance of the production and electrical components, output value and electrical power can very up to 10%

Length Standard

Length Range (M)	Final Length	Tolerance
0M<Neon Strip(L)≤5M	L+8	±7
5M<Neon Strip(L)≤10M	L+8	±10

Length Range (M)	Final Length	Tolerance
10M<Neon Strip(L)≤15M	L+8	±13

Single color (Lm/m)

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700±150	≥90	DC24V	15	645	43	50	12 (CC)	CC/CV
3000±150	≥90	DC24V	15	660	44	50	12 (CC)	CC/CV
4000±300	≥90	DC24V	15	743	49.5	50	12 (CC)	CC/CV
6500±500	≥90	DC24V	15	666	44.4	50	12 (CC)	CC/CV
Red	--	DC24V	15	284	18.9	50	12 (CC)	CC/CV
Green	--	DC24V	15	632	42.1	50	12 (CC)	CC/CV
Blue	--	DC24V	15	149	9.9	50	12 (CC)	CC/CV
Yellow	--	DC24V	15	195	13	50	12 (CC)	CC/CV
Orange	--	DC24V	15	273	18.2	50	12 (CC)	CC/CV
Pink	--	DC24V	15	581	38.7	50	12 (CC)	CC/CV

CCT Tunable (Lm/m)

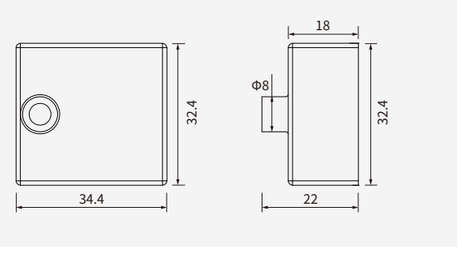
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
(2700K±150)WW	≥90	DC24V	7.5	314	41.9	62.5	5	CV
(6000K±500)W	≥90	DC24V	7.5	341	45.4	62.5	5	CV
(4000K±300)WW+W	≥90	DC24V	15	650	43.3	62.5	5	CV

RGB (Lm/m)

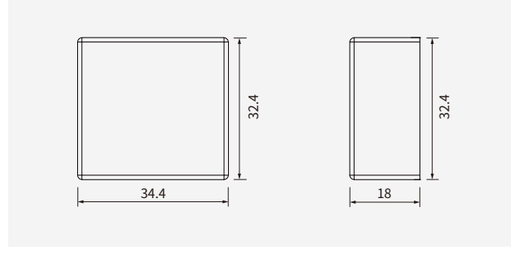
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	75	14.9	83.3	5	CV
G	--	DC24V	5	275	54.9	83.3	5	CV
B	--	DC24V	5	48	9.6	83.3	5	CV
RGB	--	DC24V	15	375	25	83.3	5	CV

- The maximum series length refers to the maximum single end power supply length of the constant current strip under the condition of standard 30cm wire .
- The given color temperature is the temperature of finished product.
- 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%.
- All products can be dimmed; the dimmer' s voltage should conform to the rated voltage of the led light.
- The output frequency of the dimmer of the constant-current led light should be less than 2K Hz, and the output PWM can control the led light.

Silicone end cap

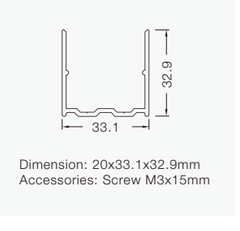


Front Cable Entry

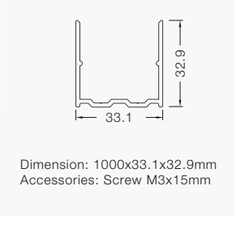


closed end cap

Mounting Way



Dimension: 20x33.1x32.9mm
Accessories: Screw M3x15mm



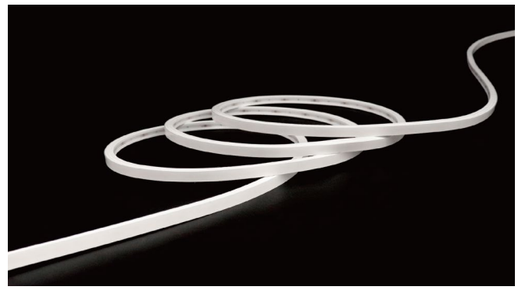
Dimension: 1000x33.1x32.9mm
Accessories: Screw M3x15mm

TOP / VERTICAL BEND SERIES

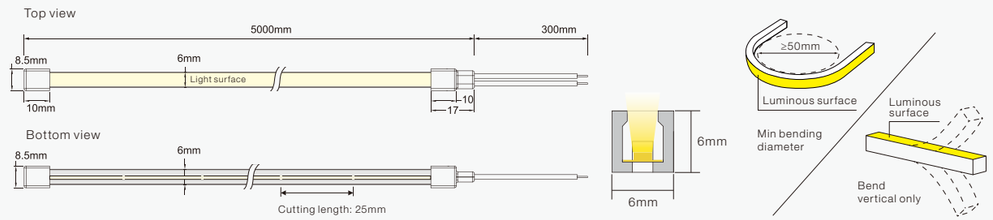
This series of LED neon lights can be bent either on the top or vertically.

TOP / VERTICAL BEND T0606 NEON 24V

- Regular power 6W/m
- Max length 5 meters with one end power
- Nine CCT optional from 1700K to 5600K



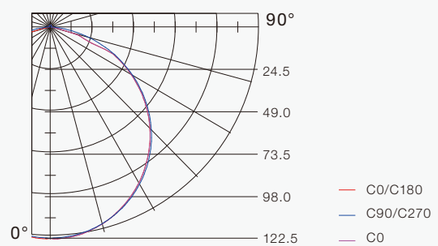
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
T0606	
Power(W/m)	6
Efficacy(lm/W)@3000K	58
Max Length(m)	5

POLAR CURVE (The data base on 6W 6000K)

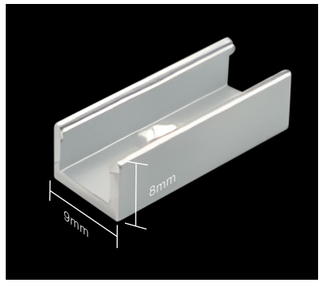


PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Efficacy(lm/w)	Lumen(lm/m)
NS-T0606-W17	1600-1900K	39.2	235
NS-T0606-W22	2100-2400K	54.2	325
NS-T0606-W24	2200-2600K	55.0	330
NS-T0606-W26	2400-2800K	56.2	337
NS-T0606-W28	2600-3000K	57.5	345
NS-T0606-W32	3000-3500K	58.0	348
NS-T0606-W38	3500-4200K	59.7	358
NS-T0606-W44	4000-4800K	58.8	353
NS-T0606-W56	5300-6000K	63.2	379

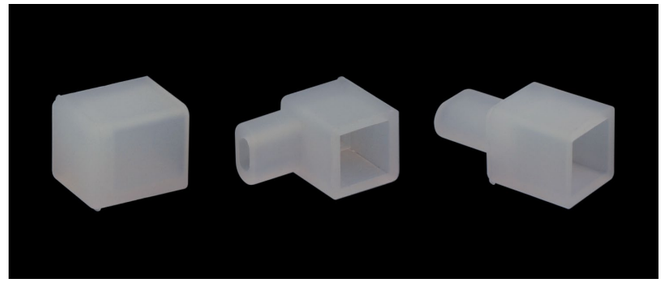
ACCESSORY

Mounting accessories



Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap



Standard end cap

Wire cable

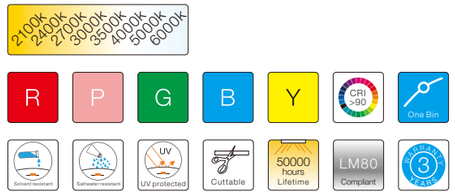
2PIN cable

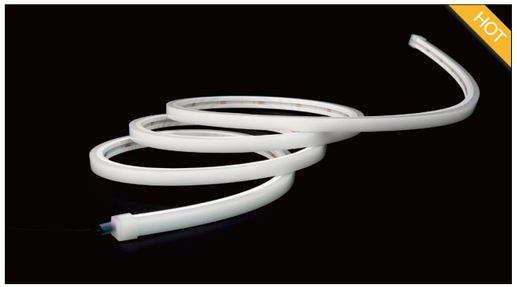
Connector

2PIN connector (Single color)

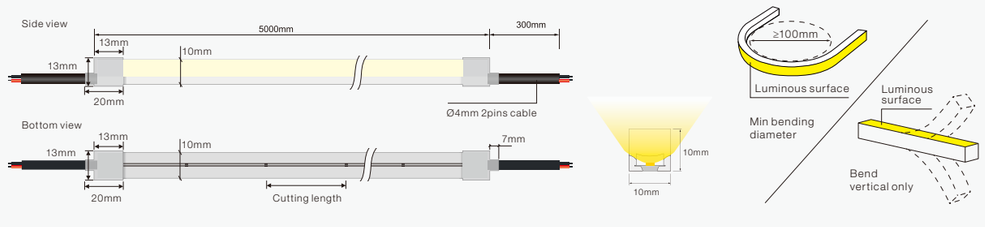
TOP / VERTICAL BEND T1010 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 5 meters with one end power
- Eight CCT optional from 2100K to 6000K





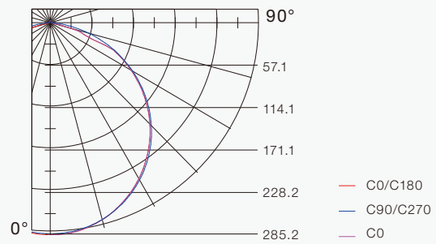
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	35.7mm

POLAR CURVE (The data base on 10W 6000K)

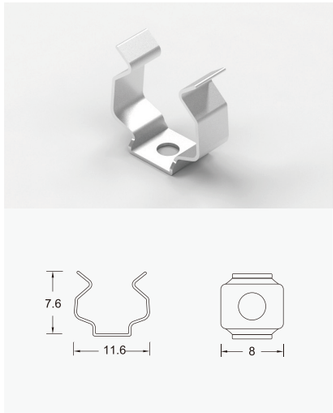


PRODUCT PHOTOMETRICS

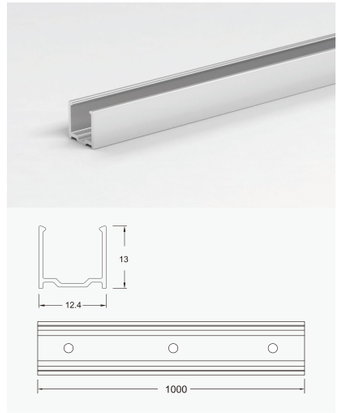
Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-T1010-W21	2000-2200K	332.5	5m	644.1	5m
NS-T1010-W24	2300-2500K	354.8	5m	684.7	5m
NS-T1010-W27	2600-2800K	380.2	5m	737.9	5m
NS-T1010-W30	2900-3100K	401.6	5m	785.9	5m
NS-T1010-W35	3400-3700K	371.3	5m	718.7	5m
NS-T1010-W40	3800-4300K	429.6	5m	828.8	5m
NS-T1010-W50	4800-5300K	427.6	5m	827.7	5m
NS-T1010-W60	5900-6400K	419.0	5m	810.6	5m
NS-T1010-R	RED	153.7	5m	331.6	5m
NS-T1010-G	GREEN	512.7	5m	920.8	5m
NS-T1010-B	BLUE	93.96	5m	173.6	5m
NS-T1010-Y	YELLOW	127.4	5m	268.1	5m
NS-T1010-P	PINK	179.0	5m	347.5	5m

ACCESSORY

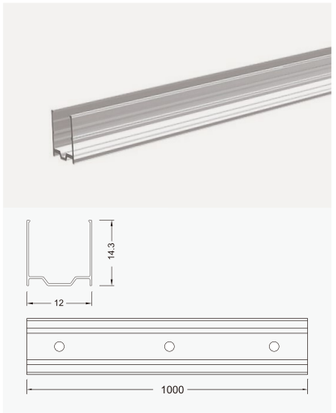
Mounting accessories



Stainless Steel Mounting Clips

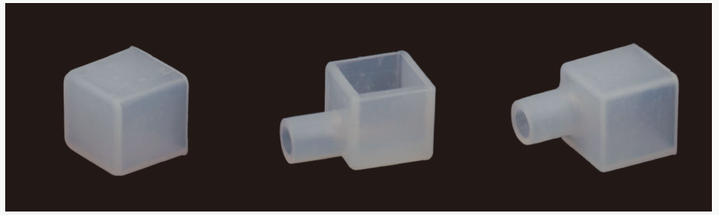


Aluminium Profile



transparent plastic groove

Endcap



Standard end cap

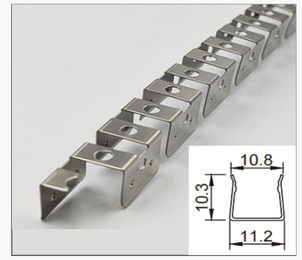
Wire cable

2PIN cable

Connector

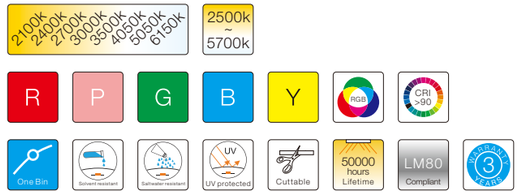
2PIN connector (Single color)

Curved Stainless Steel mounting profile

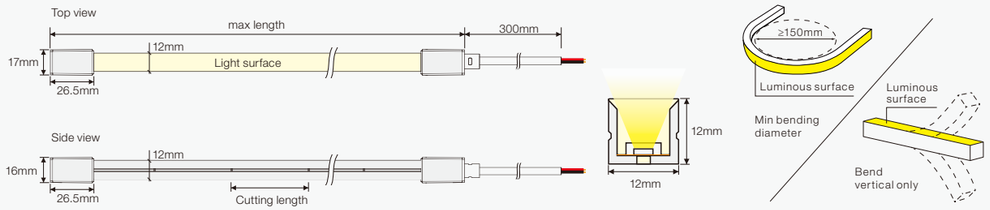


TOP / VERTICAL BEND T1212 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 25 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2100K to 6150K



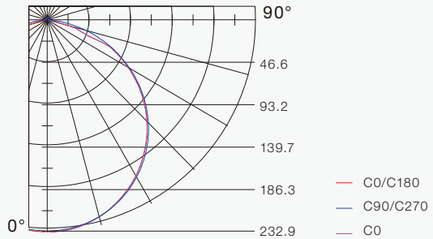
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE (The data base on 10W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-T1212-W21	2000-2200K	290.8	19m	559.8	13m
NS-T1212-W24	2300-2500K	289.6	19m	562.4	13m
NS-T1212-W27	2600-2800K	349.5	19m	668.3	13m
NS-T1212-W30	2900-3100K	329.7	19m	638.8	13m
NS-T1212-W35	3400-3700K	354.1	19m	661.7	13m
NS-T1212-W40	3800-4300K	347.1	19m	677.4	13m
NS-T1212-W50	4800-5300K	346.7	19m	681.9	13m
NS-T1212-W60	5900-6400K	336.2	19m	661.8	13m

TUNABLE COLOR PARAMETERS

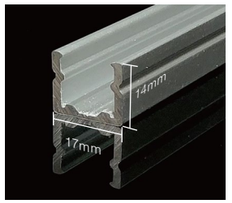
Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-T1212-TW	2500-2900K	151.2	5m	314.5	5m
NS-T1212-TW	5000-5700K	161.2	5m	336.6	5m
NS-T1212-TW	3600-4200K	316.0	5m	646.1	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-T1212-R	Red(620-625nm)	132.0	25m	276.7	17m
NS-T1212-G	Green(515-525nm)	374.0	19m	703.0	13m
NS-T1212-B	Blue(460-465nm)	70.0	19m	129.0	17m
NS-T1212-Y	Yellow(585-595nm)	27.9	25m	50.7	13m
NS-T1212-P	Pink	143.0	19m	278.0	17m
NS-T1212-RGB	RGB	174.0	5m	288.0	5m

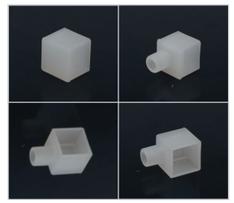
ACCESSORY

Mounting accessories

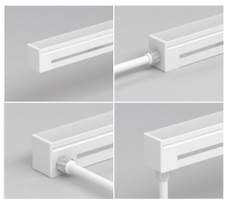


Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap



Standard end cap

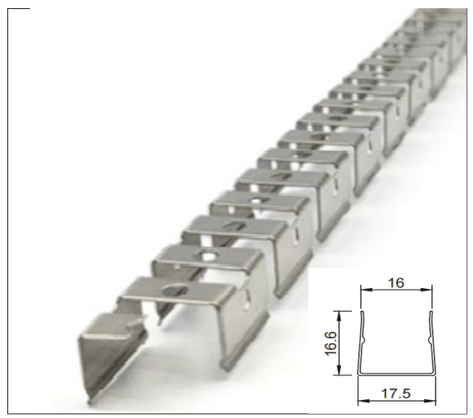


Standard end cap

Standard end cap

Anti syphon metal ring
(Used with seamless end cap for outdoor)

Curved Stainless Steel mounting profile



Connector

2PIN connector
(Single color)

3PIN connector
(Tunable White)

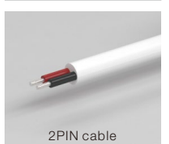
4PIN connector
(RGB color)

Wire cable

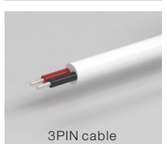
2PIN cable

3PIN cable

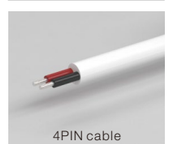
4PIN cable



2PIN cable



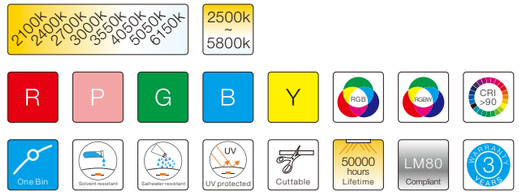
3PIN cable

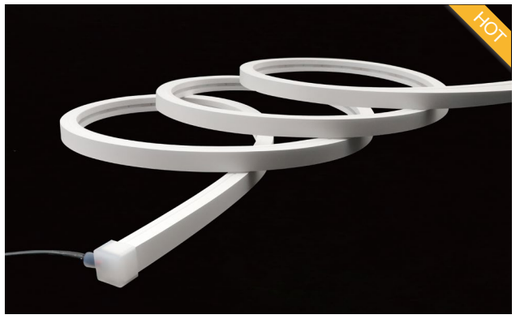


4PIN cable

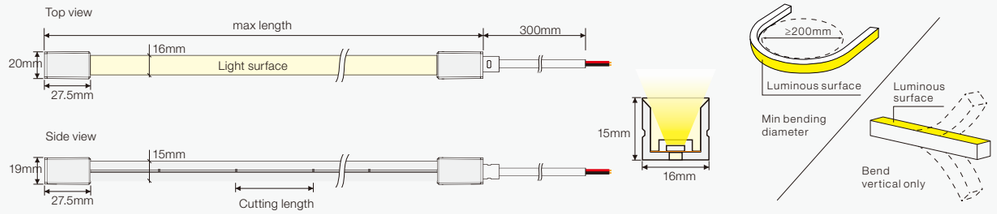
TOP / VERTICAL BEND T1615 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 35 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2100K to 6150K





DIMENSIONS & WATERPROOF

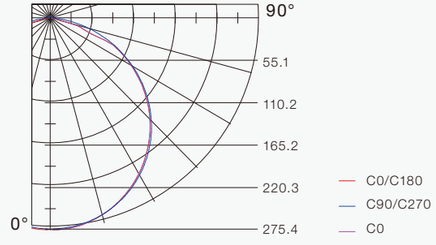


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE (The data base on 15W 6000K)



PRODUCT PHOTOMETRICS

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)
NS-T1615-W21	2000-2200K	240.3	27m	459.9	17m	627.5	14m
NS-T1615-W24	2300-2500K	242.0	27m	468.1	17m	659.7	14m
NS-T1615-W27	2600-2800K	285.8	27m	552.7	17m	771.5	14m
NS-T1615-W30	2900-3100K	286.3	27m	539.3	17m	766.9	14m
NS-T1615-W35	3400-3700K	300.7	27m	583.9	17m	815.8	14m
NS-T1615-W40	3800-4300K	294.1	27m	573.4	17m	807.0	14m
NS-T1615-W50	4800-5300K	297.8	27m	570.3	17m	793.9	14m
NS-T1615-W60	5900-6400K	293.9	27m	572.9	17m	782.6	14m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m)		Mediumpower(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T1615-TW	2500-2900K	133.0	5m	274.0	5m	363.7	5m
NS-T1615-TW	5000-5800K	143.9	5m	295.1	5m	387.2	5m
NS-T1615-TW	3500-4200K	279.5	5m	569.6	5m	766.2	5m

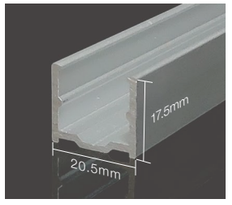
RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Mediumpower(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NS-T1615-R	Red(620-625nm)	111.6	35m	237.5	23m	323.2	18m
NS-T1615-G	Green(515-525nm)	308.0	27m	548.2	17m	697.4	14m
NS-T1615-B	Blue(460-465nm)	57.0	27m	106.9	17m	148.6	14m
NS-T1615-Y	Yellow(585-595nm)	25.6	35m	44.4	23m	61.0	18m
NS-T1615-P	Pink	116.7	27m	224.5	17m	302.2	14m
NS-T1615-RGB	RGB	147.8	5m	267.8	5m	323.5	5m
NS-T1615-RGBW	RGBW	189.5	5m	366.0	5m	496.4	5m

Note: RGB Constant Current version for option, Max length 13meters with one end power, power is 11w/m, lumen (lm/m) is R:41 R:66 G:220 B:35 RGB:320

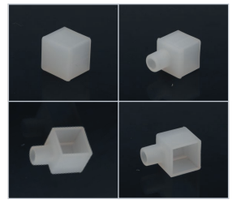
ACCESSORY

Mounting accessories

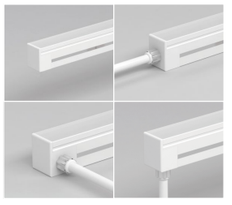


Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap



Standard end cap



Standard end cap

Standard end cap

Anti syphon metal ring
(Used with seamless end cap for outdoor)

Connector

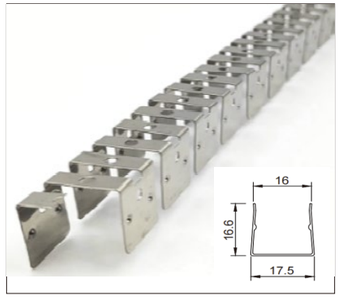
2PIN connector
(Single color)

3PIN connector
(Tunable White)

4PIN connector
(RGB color)

5PIN connector
(RGB+White color)

Curved Stainless Steel mounting profile



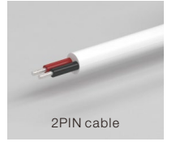
Wire cable

2PIN cable

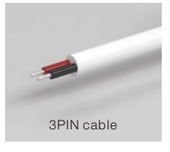
3PIN cable

4PIN cable

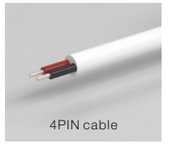
5PIN cable



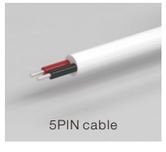
2PIN cable



3PIN cable



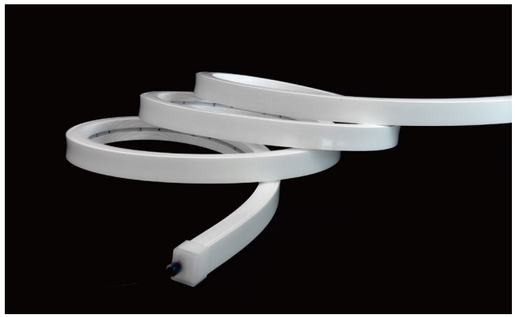
4PIN cable

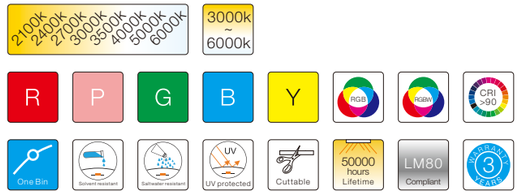


5PIN cable

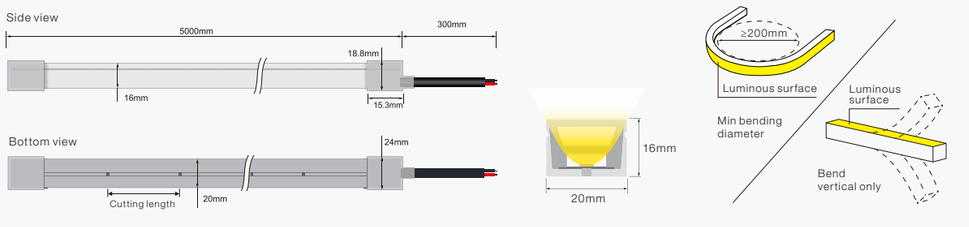
TOP / VERTICAL BEND T2016 NEON 24V

- Regular power 12W/m,16W/m and 20W/m for option
- Max length 17 meters with one end power
- Eight CCT optional from 2100K to 6000K





DIMENSIONS & WATERPROOF

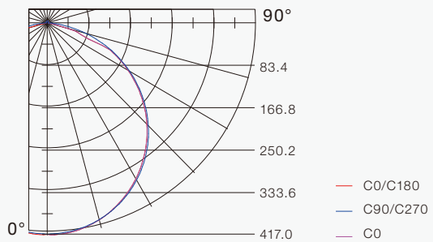


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm
RGBW color	62.5mm

POLAR CURVE (The data base on 20W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(12W/m) (lm/m)	(max length)	Medium power(16W/m) (lm/m)	(max length)	High power(20W/m) (lm/m)	(max length)
NS-T2016-W21	2000-2200K	608	17m	792	14m	942	12m
NS-T2016-W24	2300-2500K	651	17m	837	14m	1010	12m
NS-T2016-W27	2600-2800K	733	17m	945	14m	1136	12m
NS-T2016-W30	2900-3100K	724	17m	937	14m	1119	12m
NS-T2016-W35	3400-3700K	680	17m	886	14m	1058	12m
NS-T2016-W40	3800-4300K	783	17m	1009	14m	1220	12m
NS-T2016-W50	4800-5300K	773	17m	997	14m	1207	12m
NS-T2016-W60	5900-6400K	767	17m	999	14m	1185	12m

TUNABLE COLOR PARAMETERS

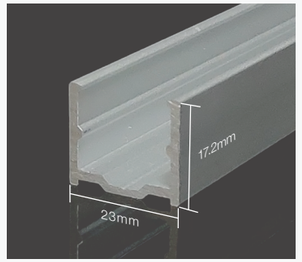
Part Number	CCT(K)	Low power(12W/m) (lm/m)	(max length)	Mediumpower(16W/m) (lm/m)	(max length)	High power(20W/m) (lm/m)	(max length)
NS-T2016-TW	2500-2900K	384	5m	498	5m	617	5m
NS-T2016-TW	5000-5800K	395	5m	524	5m	642	5m
NS-T2016-TW	3500-4200K	785	5m	1013	5m	1258	5m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(12W/m) (lm/m)	(max length)	Mediumpower(16W/m) (lm/m)	(max length)	High power(20W/m) (lm/m)	(max length)
NS-T2016-R	Red(620-625nm)	335	25m	458	21m	524	18m
NS-T2016-G	Green(515-525nm)	788	17m	973	14m	1134	12m
NS-T2016-B	Blue(460-465nm)	169	17m	214	14m	262	12m
NS-T2016-Y	Yellow(585-595nm)	270	25m	335	21m	344	18m
NS-T2016-P	Pink	325	17m	412	14m	502	12m
NS-T2016-RGB	RGB	360.2	5m	449.4	5m	518.4	5m
NS-T2016-RGBW	RGBW	479.6	5m	635.1	5m	739.6	5m

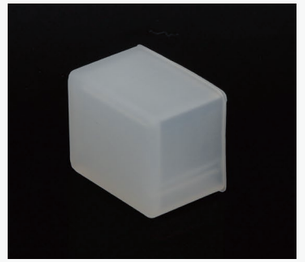
ACCESSORY

Mounting accessories

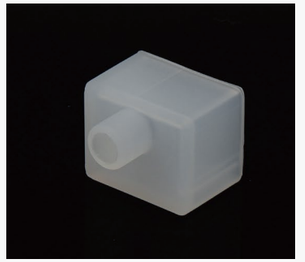


Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

Endcap Standard end cap

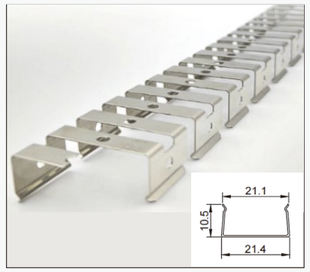


Endcap without hole



Outlet from the end

Curved Stainless Steel mounting profile



Wire cable

2PIN cable

3PIN cable

4PIN cable

5PIN cable

Connector

2PIN connector (Single color)

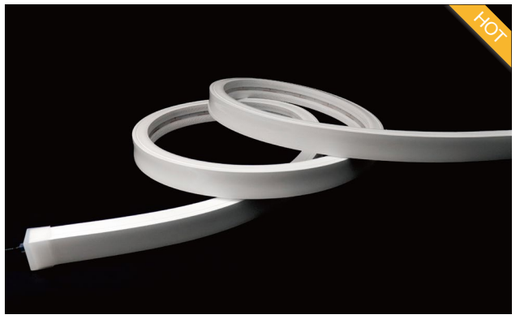
3PIN connector (Tunable White)

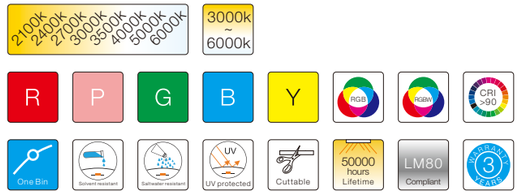
4PIN connector (RGB color)

5PIN connector (RGB+White color)

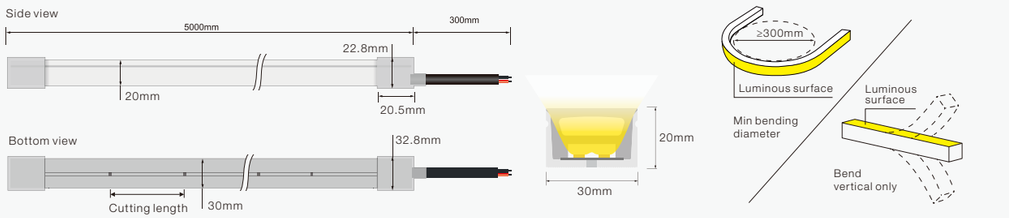
TOP / VERTICAL BEND T3020 NEON 24V

- Regular power 16W/m,20W/m and 24W/m for option
- Max length 25 meters with one end power
- Eight CCT optional from 2100K to 6000K





DIMENSIONS & WATERPROOF

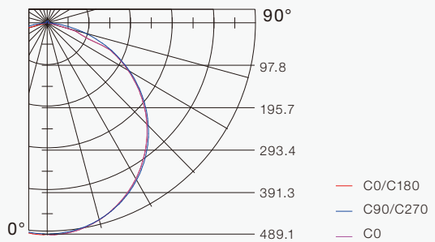


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	41.66mm
RGB color	41.66mm
RGBW color	41.66mm

POLAR CURVE (The data base on 20W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(16W/m) (lm/m)	(max length)	Medium power(20W/m) (lm/m)	(max length)	High power(24W/m) (lm/m)	(max length)
NS-T3020-W21	2000-2200K	836.9	18m	1017	16m	1196	14m
NS-T3020-W24	2300-2500K	855.5	18m	1040.6	16m	1226	14m
NS-T3020-W27	2600-2800K	991	18m	1209.6	16m	1426	14m
NS-T3020-W30	2900-3100K	1001	18m	1222	16m	1439	14m
NS-T3020-W35	3400-3700K	925.7	18m	1129.4	16m	1333	14m
NS-T3020-W40	3800-4300K	1050	18m	1280	16m	1511	14m
NS-T3020-W50	4800-5300K	1067	18m	1298	16m	1534	14m
NS-T3020-W60	5900-6400K	962.6	18m	1176	16m	1390	14m

TUNABLE COLOR PARAMETERS

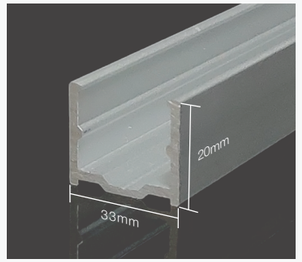
Part Number	CCT(K)	Low power(16W/m) (lm/m)	(max length)	Mediumpower(20W/m) (lm/m)	(max length)	High power(24W/m) (lm/m)	(max length)
NS-T3020-TW	2700-3000K	500.5	5m	609.7	5m	722.2	5m
NS-T3020-TW	5600-6300K	528.5	5m	651.1	5m	769.5	5m
NS-T3020-TW	3800-4300K	1008	5m	1232.8	5m	1457	5m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(16W/m) (lm/m)	(max length)	Mediumpower(20W/m) (lm/m)	(max length)	High power(24W/m) (lm/m)	(max length)
NS-T3020-R	Red(620-625nm)	435.4	25m	530	22m	617.5	19m
NS-T3020-G	Green(515-525nm)	1071	18m	1243	16m	1445	14m
NS-T3020-B	Blue(460-465nm)	221.7	18m	268.2	16m	314.3	14m
NS-T3020-Y	Amber	352.8	25m	338	22m	367.8	19m
NS-T3020-P	Pink	431.3	18m	518.8	16m	613.2	14m
NS-T3020-RGB	RGB	461.3	5m	536	5m	614	5m
NS-T3020-RGBW	RGBW	591.3	5m	719.8	5m	840.7	5m

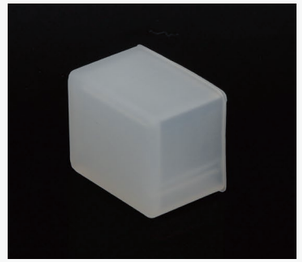
ACCESSORY

Mounting accessories



Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

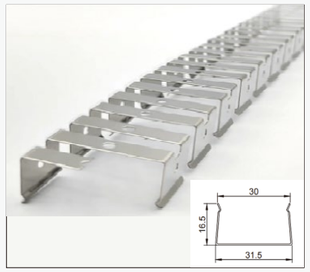
Endcap Standard end cap



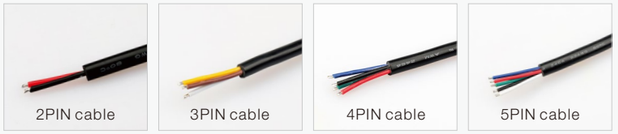
Endcap without hole

Outlet from the end

Curved Stainless Steel mounting profile



Wire cable



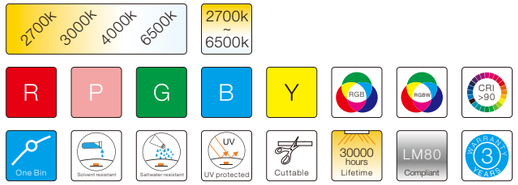
2PIN cable | 3PIN cable | 4PIN cable | 5PIN cable

Connector

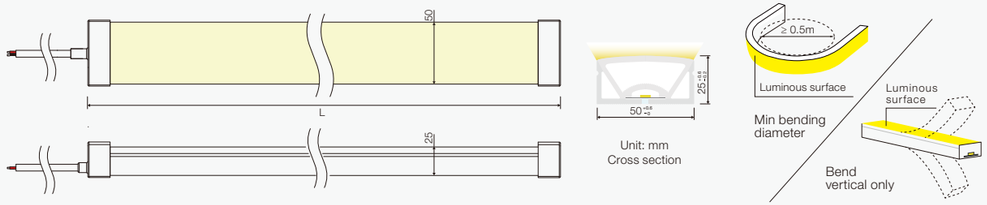
2PIN connector (Single color) | 3PIN connector (Tunable White) | 4PIN connector (RGB color) | 5PIN connector (RGB+White color)

TOP / VERTICAL BEND T5025NEON 24V

- Using Dow Chemical brand silicone rubber
- Eco-friendly silicone with integrated extrusion process
- Unique optical design for even, shadow-free illumination
- IP67 with resistance to salts, acids, alkalis, and UV
- Matt finished surface, dust-resistant



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	DC24V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~ 60°C
Ambient Temperature	Min.-25°C Max(Table below)
CRI	≥90

SPECIFICATION

Power	15 w/m
Efficacy@4000K	57.9lm/w
Max Ambient Temperature	45°C

Due to the tolerance of the production and electrical components, output value and electrical power can very up to 10%

LENGTH STANDARD

Length Range (M)	Final Length	Tolerance
0M<Neon Strip(L)≤5M	L+8	±7
5M<Neon Strip(L)≤10M	L+8	±10

Length Range (M)	Final Length	Tolerance
10M<Neon Strip(L)≤15M	L+8	±13
15M<Neon Strip(L)≤20M	L+8	±16

SINGLE COLOR (LM/M)

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2700K±150	≥90	DC24V	15	792	52.8	50	12 (CC)	CC/CV
3000K±150	≥90	DC24V	15	808	53.9	50	12 (CC)	CC/CV
4000K±300	≥90	DC24V	15	869	57.9	50	12 (CC)	CC/CV
6000K±500	≥90	DC24V	15	826	55.1	50	12 (CC)	CC/CV
Red	--	DC24V	15	365	24.4	50	12 (CC)	CC/CV
Green	--	DC24V	15	974	65.0	50	12 (CC)	CC/CV
Blue	--	DC24V	15	216	14.4	50	12 (CC)	CC/CV
Yellow	--	DC24V	15	292	19.5	50	12 (CC)	CC/CV
Orange	--	DC24V	15	370	24.7	50	12 (CC)	CC/CV
Pink	--	DC24V	15	762	50.8	50	12 (CC)	CC/CV

CCT TUNABLE (LM/M)

CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
(2700K±150)WW	≥90	DC24V	7.5	390	52.1	41.7	5	CV
(6000K±500)W	≥90	DC24V	7.5	402	53.6	41.7	5	CV
(4000K±300)WW+W	≥90	DC24V	15	794	53.0	41.7	5	CV

RGB (LM/M)

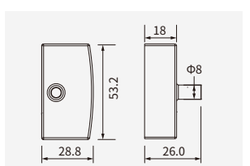
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	5	85	17.1	41.7	5	CV
G	--	DC24V	5	330	66.0	41.7	5	CV
B	--	DC24V	5	61	12.2	41.7	5	CV
RGB	--	DC24V	15	516	34.4	41.7	5	CV

RGBW (LM/M)

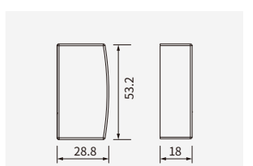
CCT(K)	CRI	Voltage	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
R	--	DC24V	3.75	64	17.1	41.7	5	CV
G	--	DC24V	3.75	187	49.9	41.7	5	CV
B	--	DC24V	3.75	51	13.5	41.7	5	CV
2700±150	>80	DC24V	3.75	205	54.7	41.7	5	CV
RGBW	--	DC24V	15	512	34.1	41.7	5	CV
R	--	DC24V	3.75	65	17.2	41.7	5	CV
G	--	DC24V	3.75	188	50.2	41.7	5	CV
B	--	DC24V	3.75	52	13.8	41.7	5	CV
3000 $^{+300}_{-0}$	>80	DC24V	3.75	199	52.9	41.7	5	CV
RGBW	--	DC24V	15	506	33.7	41.7	5	CV
R	--	DC24V	3.75	66	17.6	41.7	5	CV
G	--	DC24V	3.75	189	50.4	41.7	5	CV
B	--	DC24V	3.75	54	14.4	41.7	5	CV
4000 $^{+200}_{-400}$	>80	DC24V	3.75	210	56.0	41.7	5	CV
RGBW	--	DC24V	15	524	35.0	41.7	5	CV
R	--	DC24V	3.75	65	17.4	41.7	5	CV
G	--	DC24V	3.75	191	51.0	41.7	5	CV
B	--	DC24V	3.75	54	14.3	41.7	5	CV
5500±500	>80	DC24V	3.75	215	57.5	41.7	5	CV
RGBW	--	DC24V	15	528	35.2	41.7	5	CV

- The maximum series length refers to the maximum single end power supply length of the constant current strip under the condition of standard 30cm wire .
- The given color temperature is the temperature of finished product.
- 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%.
- All products can be dimmed; the dimmer' s voltage should conform to the rated voltage of the led light.
- The output frequency of the dimmer of the constant-current led light should be less than 2K Hz, and the output PWM can control the led light.

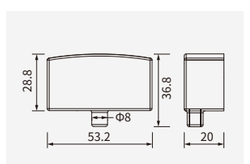
SILICONE END CAP



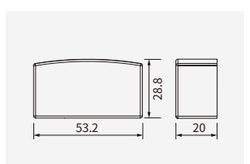
Front Cable Entry



Closed End Cap



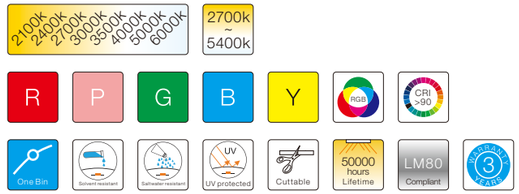
Bottom Cable Entry



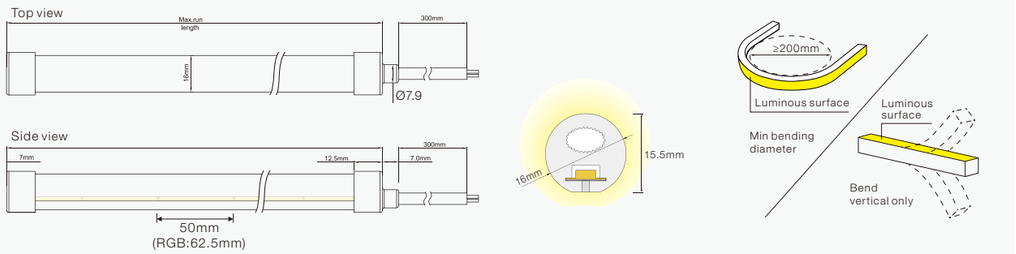
Closed End Cap

TOP / VERTICAL BEND D16 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 25 meters with one end power
- Eight CCT optional from 2100K to 6000K



DIMENSIONS & WATERPROOF

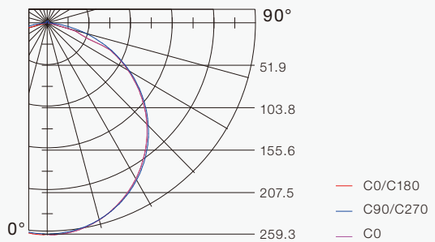


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	62.5mm

POLAR CURVE (The data base on 10W 4000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-D16-W21	2000-2200K	284	19m	558	13m
NS-D16-W24	2300-2500K	306	19m	591	13m
NS-D16-W27	2600-2800K	340	19m	663	13m
NS-D16-W30	2900-3100K	338	19m	653	13m
NS-D16-W35	3400-3700K	324	19m	626	13m
NS-D16-W40	3800-4300K	365	19m	707	13m
NS-D16-W50	4800-5300K	374	19m	734	13m
NS-D16-W60	5900-6300K	378	19m	735	13m

TUNABLE COLOR PARAMETERS

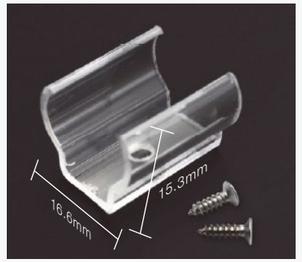
Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-D16-TW	2600-2900K	172	5m	366	5m
NS-D16-TW	5800-6300K	179	5m	377	5m
NS-D16-TW	3800-4200K	352	5m	726	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-D16-R	Red(620-625nm)	139	25m	305	17m
NS-D16-G	Green(515-525nm)	408	19m	778	13m
NS-D16-B	Blue(460-465nm)	85	19m	155	17m
NS-D16-Y	Yellow(585-595nm)	112	25m	235	13m
NS-D16-P	Pink	156	19m	328	17m
NS-D16-RGB	RGB	199	5m	344	5m

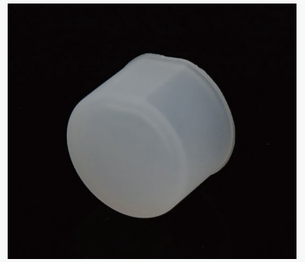
ACCESSORY

Mounting accessories



Mounting clip
(Size: 15.3*16.6*20mm/1000mm)

Endcap Standard end cap



Endcap without hole

Outlet from the end

Wire cable

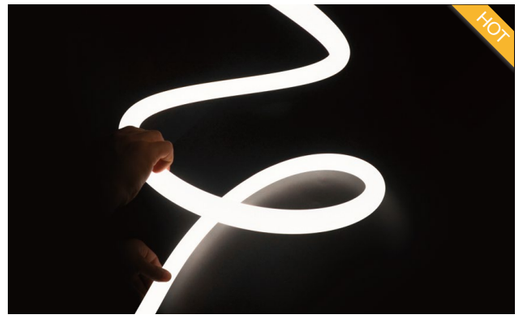
2PIN cable | 3PIN cable | 4PIN cable | 5PIN cable

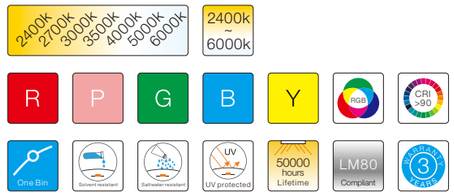
Connector

2PIN connector (Single color) | 3PIN connector (Tunable White) | 4PIN connector (RGB color) | 5PIN connector (RGB+White color)

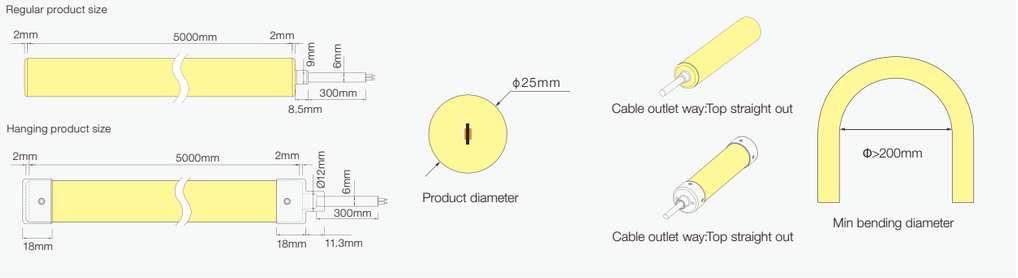
360° SILICONE NEON ND25 NEON 24V

- Regular power 5W/m and 10W/m for option
- 360° uniform round-glowing design
- Eight CCT optional from 2400K to 6000K
- Max length 5 meters with one end power





DIMENSIONS & WATERPROOF



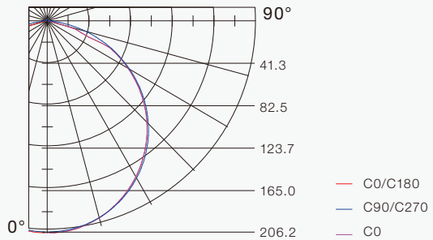
PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	50mm

Note: Only support factory-customized length, not on-site cutting!

POLAR CURVE (The data base on 10W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-ND25-W24	2300-2500K	272	5m	525	5m
NS-ND25-W27	2600-2800K	276	5m	517	5m
NS-ND25-W30	2900-3100K	284	5m	529	5m
NS-ND25-W35	3300-3700K	306	5m	600	5m
NS-ND25-W40	3700-4300K	298	5m	556	5m
NS-ND25-W50	4700-5300K	309	5m	604	5m
NS-ND25-W60	5700-6300K	302	5m	586	5m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-ND25-TW	2700 (ww)	124	5m	258	5m
NS-ND25-TW	5000 (w)	127	5m	262	5m
NS-ND25-TW	3500(WW+W)	250	5m	517	5m

PRODUCT PHOTOMETRICS

Part Number	Color(nm)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-ND25-R	Red(620-625nm)	114	5m	246	5m
NS-ND25-G	Green(515-525nm)	289	5m	502	5m
NS-ND25-B	Blue(460-465nm)	61	5m	114	5m
NS-ND25-Y	Yellow(585-595nm)	97	5m	209	5m
NS-ND25-P	Pink	210	5m	409	5m
NS-ND25-RGB	RGB	145	5m	308	5m
		(16w/m)		CRI(Ra)	
NS-ND25-RGBW	RGBW	518	5m	90	

White color CCT: 2200±100/2700±100/3000±100/4000±200/4500±200

PRODUCT ACCESSORIES INFORMATION (The data base on IP20 RGB)

Name: ND25 - Surface mounting with open PC clips
Model: ND25-IA01
Attachment: Transparent PC mounting clips, Tapping screws,Expandable rubber plugs

Name: ND25 - Surface mounting with PC profile
Model: ND25-IA02
Attachment: Transparent PC mounting profile, Tapping screws, Expandable rubber plugs

Name: ND25 -"—" type hanging mounting with open PC clips
Model: ND25-IA03
Attachment: Transparent PC mounting clips, Kit of hanging rope, Screws

Name: ND25 -"—" type hanging mounting with PC profile
Model: ND25-IA04
Atachment: Transparent PC mounting profile, Kit of hanging rope , Screws

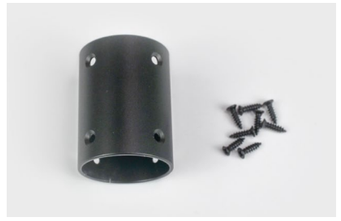
Name: ND25 -"I" type hanging mounting
Model: ND25-IA05
Attachment: Kit of "I" type hanging mounting, Tapping screws,Expandable rubber plugs

Name: ND25-"U" type hanging mounting
Model: ND25-IA06
Attachment: Kit of "I" type hanging mounting Tapping screws, Expandable rubber plugs

PRODUCT ACCESSORIES INFORMATION

Name: ND25 -"I" type hanging mounting with rope
Model: ND25 - IA07
Attachment: Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs

Name: ND25-Connector with side outlet
Model: ND25-IA08
Attachment: Metal connector with side outlet Tapping screws



Name: ND25 - Connector
Model: ND25-IA09
Attachment: Metal connector, Tapping screws

Name: ND25 - Surface mounting with closed PC clips
Model: ND25- IA10
Attachment:"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Tapping screws, Expandable rubber plugs

Name : ND25 -"—"type hanging mounting with closed PC clips
Model : ND25- IA11
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws

Name: R25 - Surface mounting with concealed PC clips
Model: R25-IA12
Attachment: Transparent PC pedestals with two holes,Transparent PC pedestals with five holes, Tapping screws,Tapping screws, Expandable rubber plugs

Name: ND25-"—"type hanging mounting with concealed PC clips
Model: ND25-IA13
Attachment: Transparent PC pedestals with five holes, Tapping screws, Kit of hanging rope, Machine screws

Name: ND25-"—"type adjustable hanging mounting with open PC clips
Model: ND25-IA14
Attachment: Transparent PC mounting clips, Machine screws, Kit of telescopic rod

Name : ND25 -"—"type adjustable hanging mounting with PC profile
Model : ND25-IA15
Attachment: Transparent PC mounting profile, Machine screws , Kit of telescopic rod

PRODUCT ACCESSORIES INFORMATION

Name: ND25 -"—"type adjustable hanging mounting with closed PC clips
Model: ND25-IA16
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod

Name : ND25 -"—"type adjustable hanging mounting with concealed PC clips
Model : ND25-IA17
Attachment: Transparent PC pedestals with five holes, Tapping screws, Kit of telescopic rod, Machine screws

Name: ND25 side outlet transparent connector
Model: ND25-IA18
Attachment: Screws, PMMA transparent side outlet connector

Name: ND25 side outlet transparent connector with lifting rope
Model: ND25-IA19
Attachment: Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, PMMA transparent side outlet connector

Name: ND25 transparent connector
Mode: ND25-IA20
Attachment: Screws , PMMA transparent connector

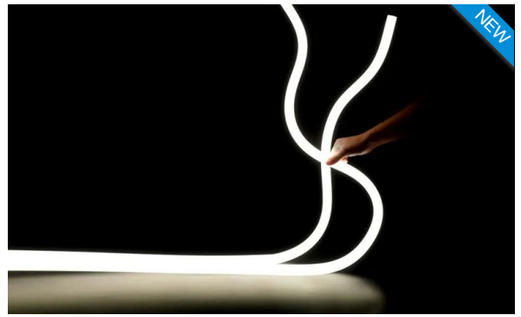
Name: ND25 transparent connector with lifting rope
Model: ND25-IA21
Attachment: Screws, Kit of hanging rope Expandable rubber plugs, Tapping screws, PMMA transparent connector

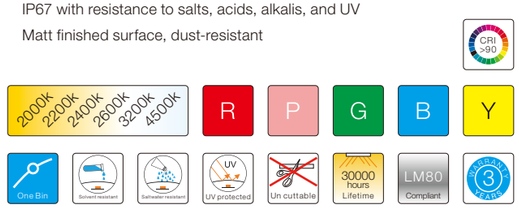
Name: ND25-Horizontal hanging circular tube 1M
Model: ND25-IA22
Attachnent: Screws, Kit of hanging rope Expandable rubber plugs, Tapping screws, PMMA transparent circular tube

Name: ND25-Horizontal hanging circular tube 2M
Model: ND25-IA23
Attachment: Screws, Kit of hanging rope Expandable rubber plugs , Tapping screws, PMMA transparent circular tube ;

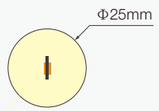
POSEABLE 360°SILICONE NEON ND25P NEON 24V

- Light source: Premium COB LED strip, certified by LM80 test.
- Design flexibility: Rigid or flexible with high plasticity.
- Using Dow Chemical brand silicone rubber
- Eco-friendly silicone with integrated extrusion process
  IP67 with resistance to salts, acids, alkalis, and UV
  Matt finished surface, dust-resistant

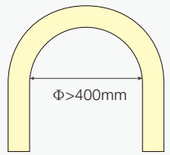




DIMENSIONS & WATERPROOF

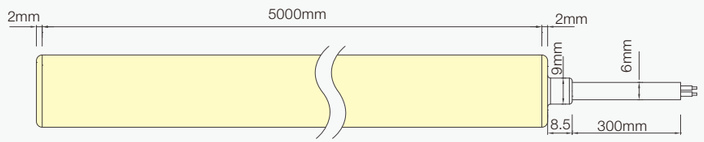


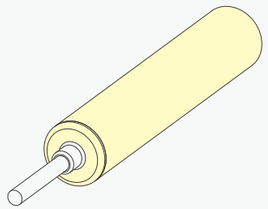
Diameter



Minimum bending diameter

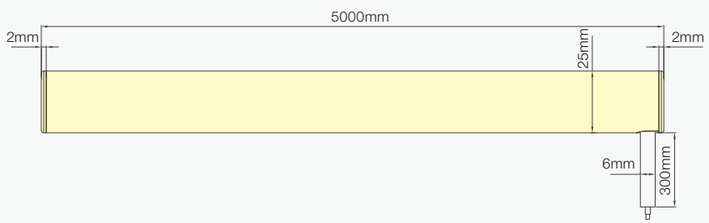
Front entry Integral End cap (IP65)

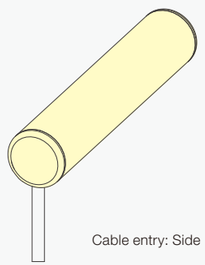




Cable entry: Front

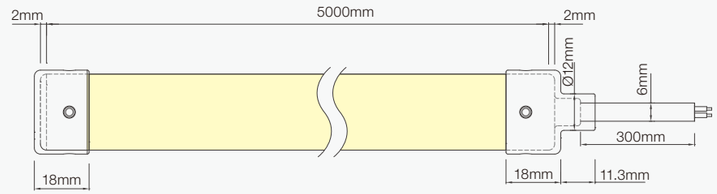
Side entry Intergral End Cap (IP65)

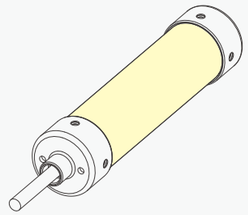




Cable entry: Side

Silicone End Cap(IP65)





Cable Entry : Front

The Head

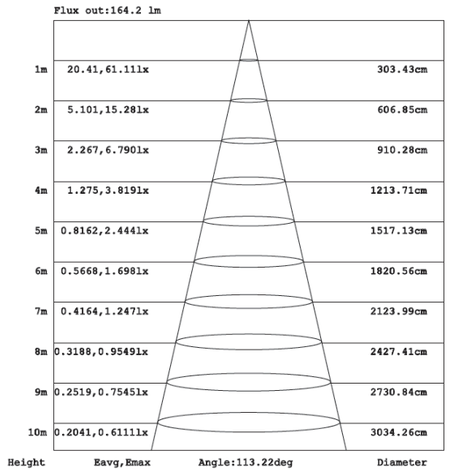
The End

SINGLE COLOR (LM/M)

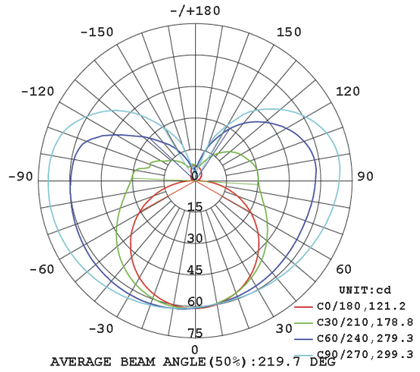
CCT	CRI(Ra)	Voltage (v)	Power(W)	Lumen (LM/M)	Efficiency (LM/W)	Unit Length (mm)	Max. Run Length (M)	CC/CV
2000 $^{+100}_{-200}$	≥90	DC24V	10	363	36.3	50	5	CV
2200 $^{+100}_{-200}$	≥90	DC24V	10	380	38	50	5	CV
2400 $^{+100}_{-200}$	≥90	DC24V	10	417	41.7	50	5	CV
2600±150	≥90	DC24V	10	477	47.7	50	5	CV
3200±200	≥90	DC24V	10	524	52.4	50	5	CV
4500±400	≥90	DC24V	10	547	54.7	50	5	CV
Red	--	DC24V	10	58	5.8	50	5	CV
Green	--	DC24V	10	637	63.7	50	5	CV
Blue	--	DC24V	10	103	10.3	50	5	CV
Yellow	--	DC24V	10	402	40.2	50	5	CV
Orange	--	DC24V	10	240	24	50	5	CV
Pink	--	DC24V	10	116	11.6	50	5	CV

- The maximum series length refers to the maximum single end power supply length of the constant current strip under the condition of standard 30cm wire .
- The given color temperature is the temperature of finished product.
- 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%.
- All products can be dimmed; the dimmer's voltage should conform to the rated voltage of the led light. The output frequency of the dimmer of the constant-current led light should be less than 2K Hz, and the output PWM can control the led light.

LIGHT DISTRIBUTION CURVE



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



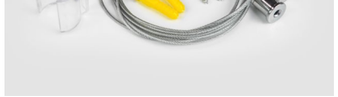
Light distribution curve

Note: The above data is based on the test results of the single white 3000K led strip.

PRODUCT ACCESSORIES INFORMATION (The data base on IP20 RGB)

Name: ND25 - Surface mounting with open PC clips
Model: ND25-IA01
Attachment: Transparent PC mounting clips,Tapping screws,Expandable rubber plugs

Name: ND25 - Surface mounting with PC profile
Model: ND25-IA02
Attachment: Transparent PC mounting profile, Tapping screws, Expandable rubber plugs



Name: ND25 -"—" type hanging mounting with open PC clips
Model: ND25-IA03
Attachment: Transparent PC mounting clips, Kit of hanging rope, Screws

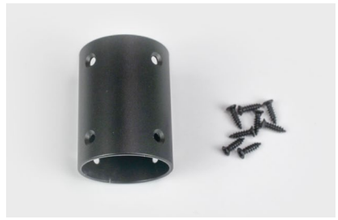
Name: ND25 -"—" type hanging mounting with PC profile
Model: ND25-IA04
Atachment: Transparent PC mounting profile, Kit of hanging rope , Screws

Name: ND25 -"I" type hanging mounting
Model: ND25-IA05
Attachment: Kit of "I" type hanging mounting, Tapping screws,Expandable rubber plugs

Name: ND25-"U" type hanging mounting
Model: ND25-IA06
Attachment: Kit of "I" type hanging mounting Tapping screws, Expandable rubber plugs

PRODUCT ACCESSORIES INFORMATION

Name: ND25-Connector with side outlet
Model: ND25-IA08
Attachment: Metal connector with side outlet Tapping screws



Name: ND25 - Connector
Model: ND25-IA09
Attachment: Metal connector, Tapping screws

Name: ND25 - Surface mounting with closed PC clips
Model: ND25- IA10
Attachment:"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Tapping screws, Expandable rubber plugs

Name : ND25 -"—"type hanging mounting with closed PC clips
Model : ND25- IA11
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws

Name: ND25-"—"type adjustable hanging mountingwith open PC clips
Model: ND25-IA14
Attachment: Transparent PC mounting clips, Machine screws, Kit of telescopic rod

Name : ND25 -"—"type adjustable hanging mounting with PC profile
Model : ND25-IA15
Attachment: Transparent PC mounting profile, Machine screws , Kit of telescopic rod

Name: ND25 -"—"type adjustable hanging mountingwith closed PC clips
Model: ND25-IA16
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod

Name: ND25 side outlet transparent connector
Model: ND25-IA18
Attachment: Screws, PMMA transparent side outlet connector

Name: ND25 side outlet transparent connector with lifting rope
Model: ND25-IA19
Attachment: Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, PMMA transparent side outlet connector

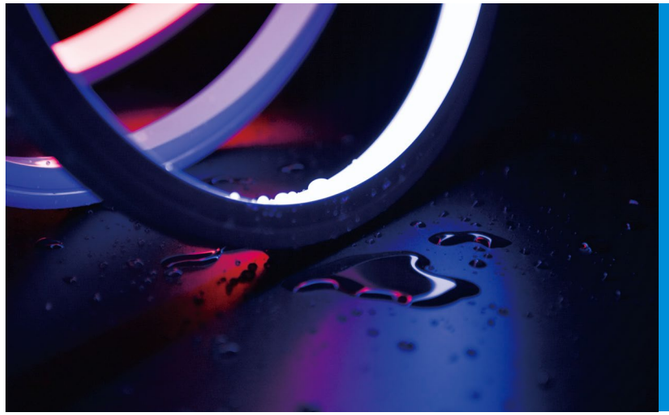
Name: ND25 transparent connector
Mode: ND25-IA20
Attachment: Screws , PMMA transparent connector

Name: ND25 transparent connector with lifting rope
Model: ND25-IA21
Attachment: Screws, Kit of hanging rope Expandable rubber plugs, Tapping screws, PMMA transparent connector

ADDRESSABLE SERIES

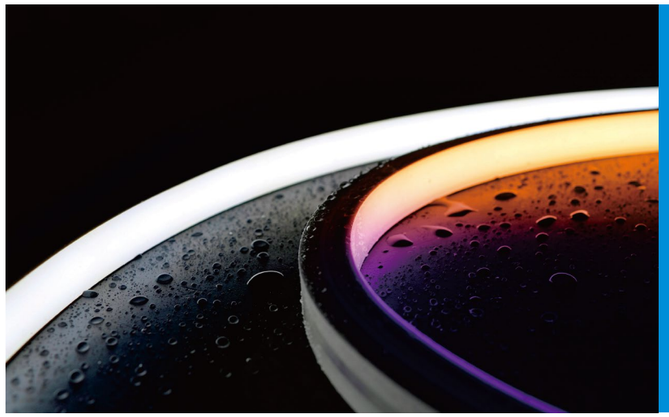
Addressable LED Neon Flex offers the possibility to create complex lighting effects, and comes in both DMX512 and SPI addressable options.

DMX512 & SPI ADDRESSABLE NEON FLEX



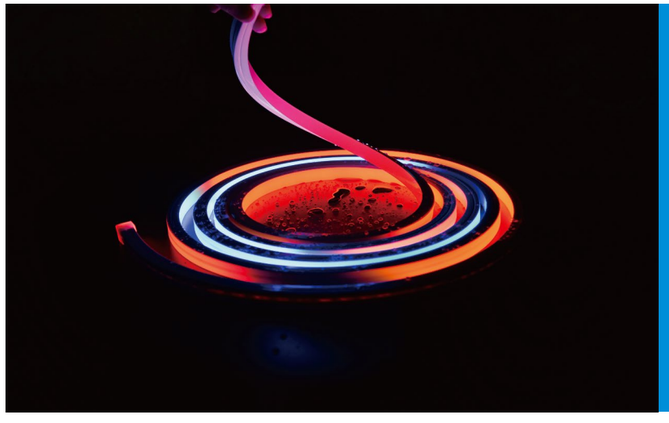
SPI (Single data cable)

Simple application, only need a single data cable can complete the transmission of data.



SPI (Dual data cable)

With dual data cable, the main data cable can be automatically switched to the standby data cable when the fault occurs, enhance thereliability of data transmission, which is also called breakpoint resume transmission.



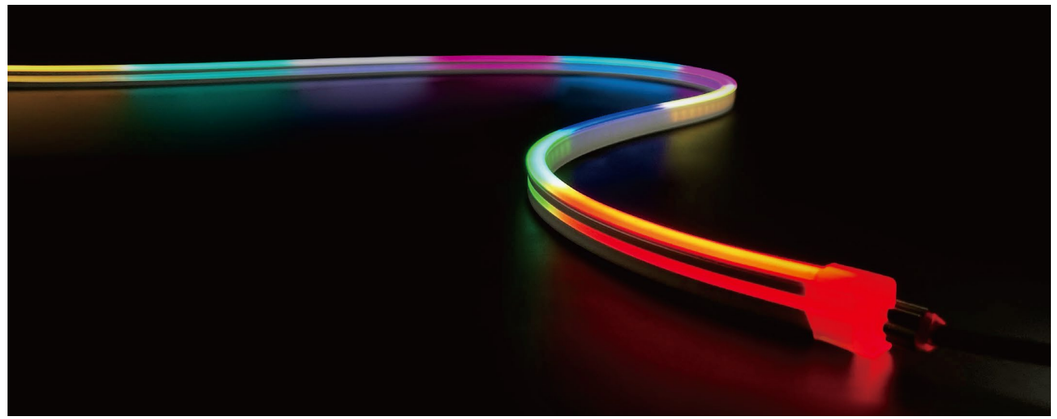
DMX512

Compatible with international standard protocol DMX512 (1990). Adopting signal differential transmission mode, to ensure stronger anti-interference ability and longer transmission distance.

Product List

Model	Voltage (V)	Power (W/M)	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	IC Model	Page
NS-T1615-RGB-WS2818	DC24V	12	262	21.8	8	125	UCS2603 WS2818	235
NS-T1615-RGBW-UCS2904	DC24V	14.5	342	23.6	8	125	UCS2904	
NS-T1615-RGB-DMX512	DC24V	12	266	22.2	8	125	UCS512C2L	
NS-T1615-RGBW-DMX512	DC24V	15	329	21.9	8	125	UCS512C2L	
NS-S1220-RGB-WS2818	DC24V	12	159	13.3	8	125	UCS2603 WS2818	229
NS-S1220-RGBW-UCS2904	DC24V	14.5	218	15.0	8	125	UCS2904	
NS-S1220-RGB-DMX512	DC24V	12	161	13.4	8	125	UCS512C2L	
NS-S1220-RGBW-DMX512	DC24V	15	211	14.1	8	125	UCS512C2L	
NS-S1225-RGB-WS2818	DC24V	12	145	12.1	8	125	UCS2603 WS2818	231
NS-S1225-RGBW-UCS2904	DC24V	14.5	200	13.8	8	125	UCS2904	
NS-S1225-RGB-DXM512	DC24V	12	148	12.3	8	125	UCS512C2L	
NS-S1225-RGBW-DXM512	DC24V	15	208	13.9	8	125	UCS512C2L	
NS-T1212-RGB-WS2811	DC24V	12.5	266	21.3	10	100	WS2811	234
NS-S0612-RGB-WS2811	DC24V	12.5	162	13.0	10	100	WS2811	227
NS-S0817-RGB-WS2811	DC24V	12.5	152	12.2	10	100	WS2811	228
NS-T1010-RGB-WS2811	DC24V	12.5	304	24.3	10	100	WS2811	233
NS-D16-RGB-WS2811	DC24V	12.5	294	23.5	10	100	WS2811	237
NS-S0612D-RGB-WS2811	DC24V	12.5	266	21.3	10	100	WS2811	239
NS-ND25-RGB-WS2811	DC24V	25	474	19	10	100	WS2811	238

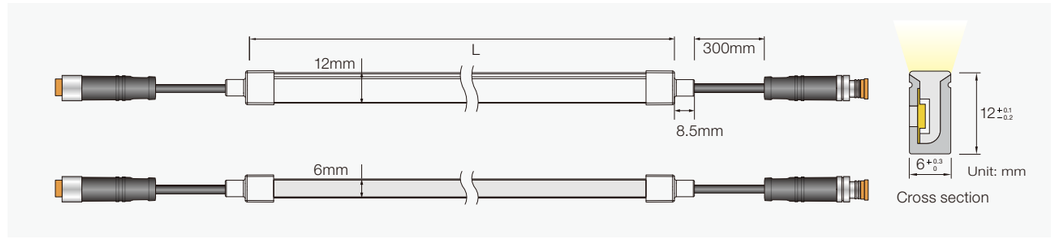
ADDRESSABLE NEON FLEX NS-S0612



PRODUCT FEATURES

- It is made of Dow Chemical SILASTICTM ET-7021 silicone rubber, which provides high transparency and high strength.
- Environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;

DIMENSION STRUCTURE



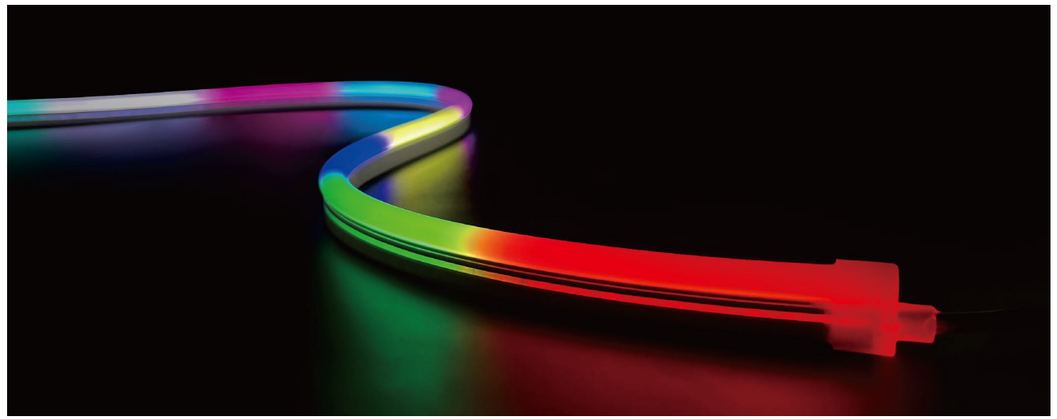
CABLE

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

RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	42	8.8	10	100	SPI (Single data cable)	WS2811
	4.8	G	122	25.4				
	4.8	B	22	4.6				
	12.5	RGB	162	13.0				

ADDRESSABLE NEON FLEX NS-S0817



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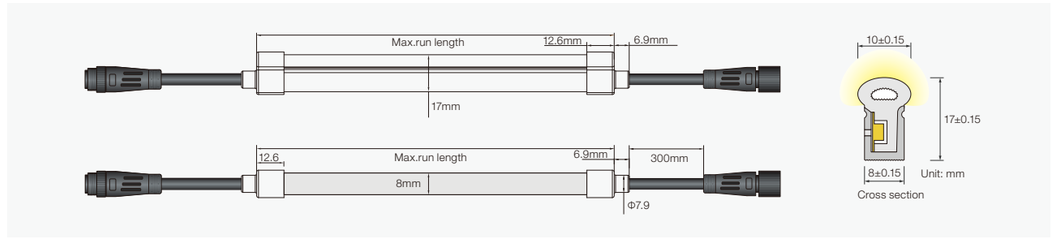
DIMENSION STRUCTURE



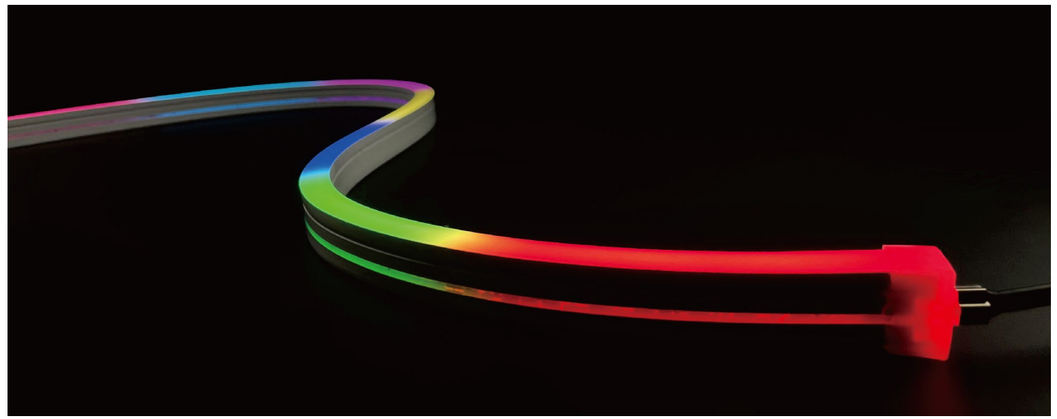
CABLE

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

RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	36	7.5	10	100	SPI (Single data cable)	WS2811
	4.8	G	114	23.8				
	4.8	B	19	4.0				
	12.5	RGB	152	12.2				

ADDRESSABLE NEON FLEX NS-S1220



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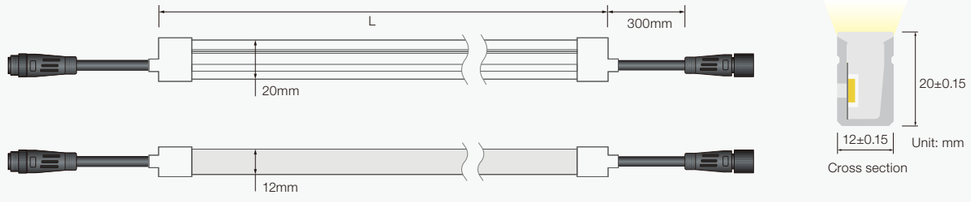
DIMENSION STRUCTURE



CABLE

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-
	40 40 15	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-
	40 40 15	OD: 6.0mm	●●●○●	DMX512 : RedV+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-

RGB (NS-S1220-RGB-WS2818)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	5	R	28	5.6	8	125	SPI (Single data cable)	UCS2603/WS2818
	5	G	110	22.1				
	5	B	20	4.0				
	12	RGB	159	13.2				

RGBW (NS-S1220-RGBW-UCS2904)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	29	6.0	8	125	SPI (Single data cable)	UCS2904
	4.8	G	78	16.3				
	4.8	B	23	4.8				
	4.8	W(4000K)	96	20.0				
	14.5	RGBW	218	15.0				

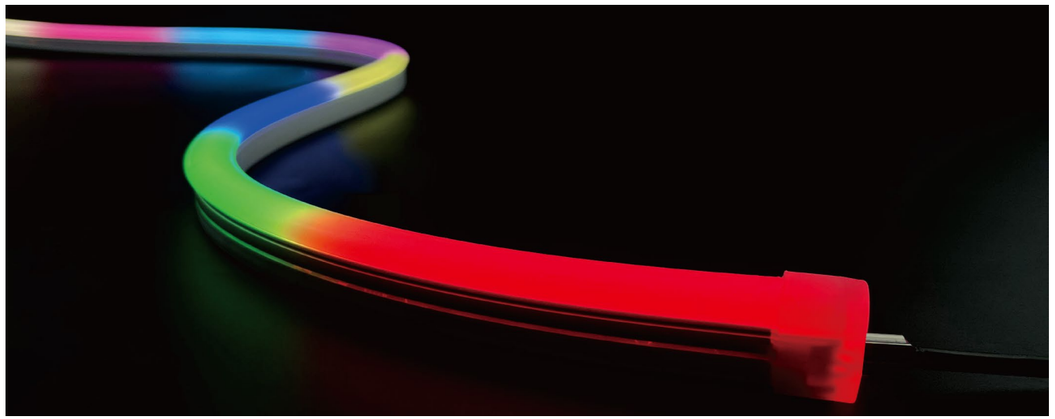
RGB (NS-S1220-RGB-DMX512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	30	6.3	8	125	DMX512	UCS512C2L
	4.8	G	115	24.0				
	4.8	B	20	4.2				
	12	RGB	161	13.4				

RGBW (NS-S1220-RGBW-DMX512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	28	5.8	8	125	DMX512	UCS512C2L
	4.8	G	80	16.7				
	4.8	B	16	3.3				
	4.8	W(4000K)	96	20.0				
	15	RGBW	211	14.1				

ADDRESSABLE NEON FLEX NS-S1225



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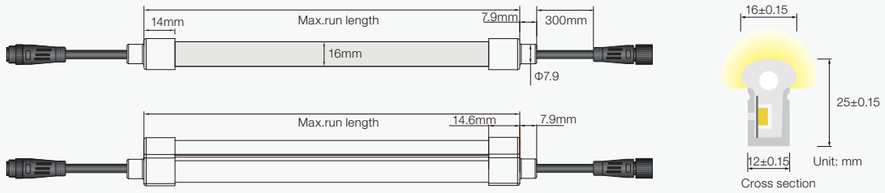
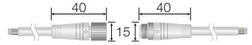
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;

DIMENSION STRUCTURE



CABLE

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-

RGB (NS-S1225-RGB-WS2818)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	5	R	24	5.0	8	125	SPI (Single data cable)	UCS2603/WS2818
	5	G	102	20.4				
	5	B	19	3.8				
	12	RGB	145	12.1				

RGBW (NS-S1225-RGBW-UCS2904)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	24	5.0	8	125	SPI (Single data cable)	UCS2904
	4.8	G	72	15.0				
	4.8	B	22	4.6				
	4.8	W(4000K)	87	18.1				
	14.5	RGBW	200	13.8				

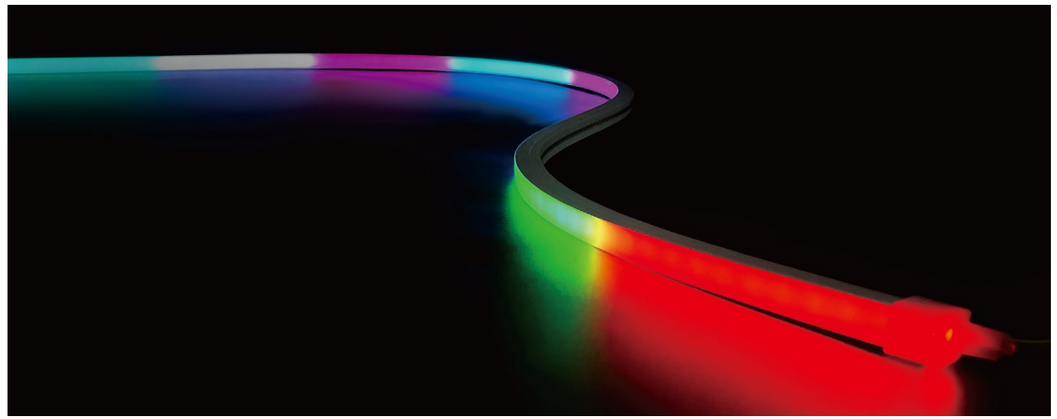
RGB (NS-S1225-RGB-DMX512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	27	5.6	8	125	DMX512	UCS512C2L
	4.8	G	107	22.3				
	4.8	B	19	4.0				
	12	RGB	148	12.3				

RGBW (NS-S1225-RGBW-DMX512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	26	5.4	8	125	DMX512	UCS512C2L
	4.8	G	74	15.4				
	4.8	B	23	4.8				
	4.8	W(4000K)	90	18.8				
	15	RGBW	208	13.9				

ADDRESSABLE NEON FLEX NS-T1010



PRODUCT FEATURES

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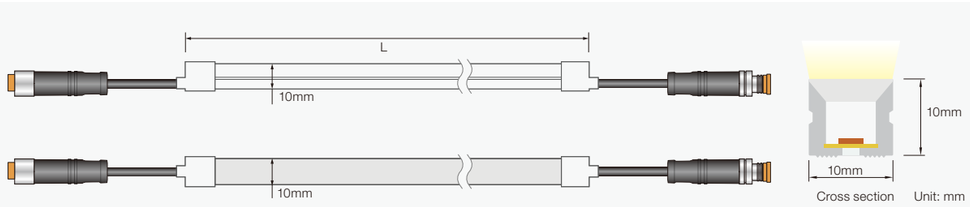
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;

DIMENSION STRUCTURE



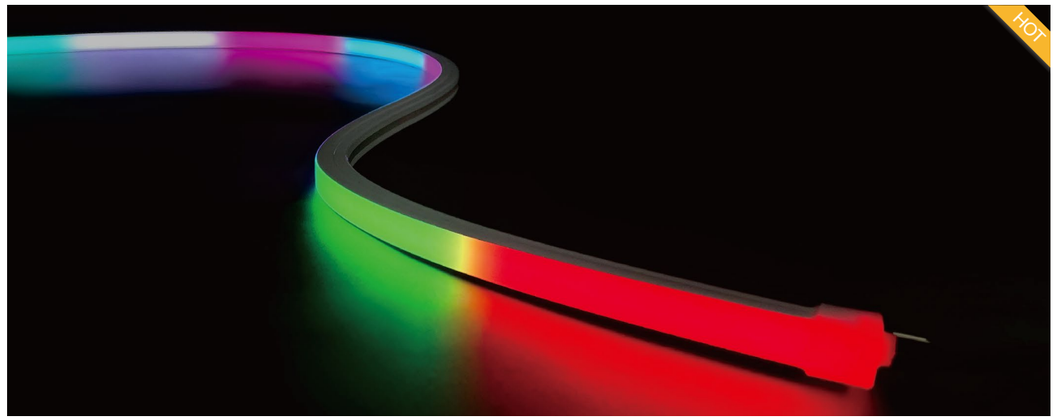
CABLE

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

RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	69	14.4	10	100	SPI (Single data cable)	WS2811
	4.8	G	216	45.0				
	4.8	B	35	7.3				
	12.5	RGB	304	24.3				

ADDRESSABLE NEON FLEX NS-T1212



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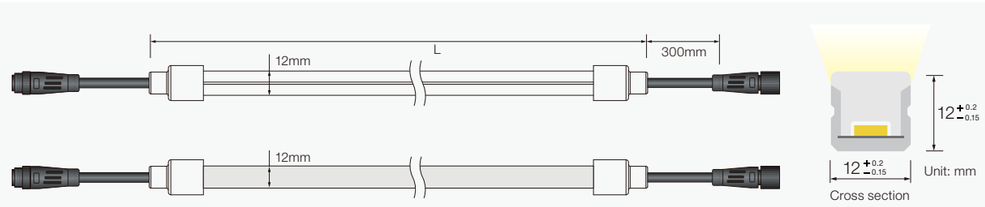
DIMENSION STRUCTURE



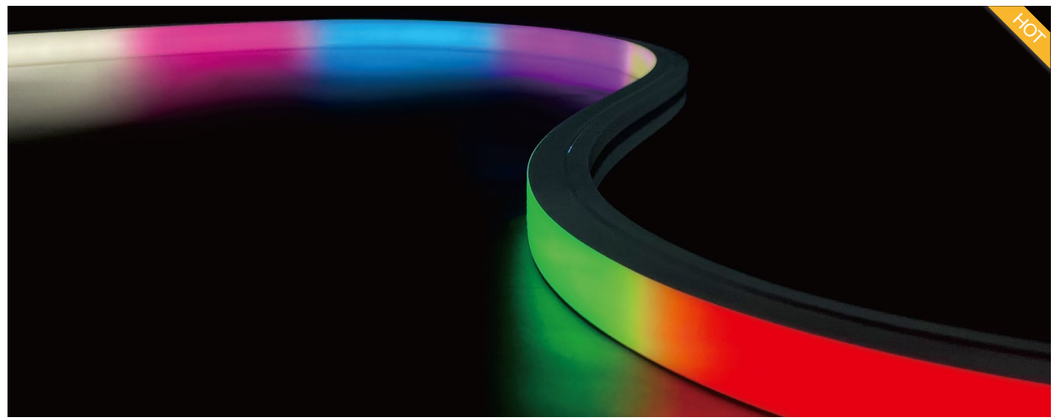
CABLE

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

RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	60	12.5	10	100	SPI (Single data cable)	WS2811
	4.8	G	194	40.4				
	4.8	B	33	6.9				
	12.5	RGB	266	21.3				

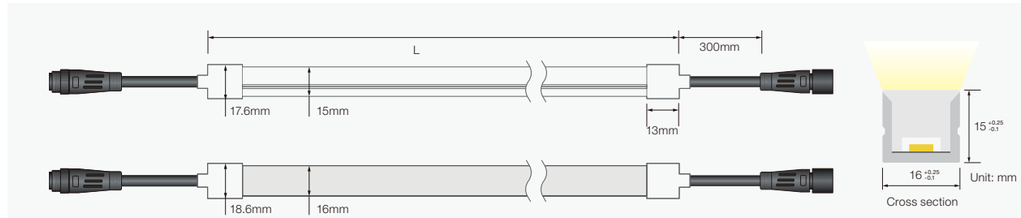
ADDRESSABLE NEON FLEX NS-T1615



PRODUCT FEATURES

- It is made of Dow Chemical SILASTICTM ET-7021 silicone rubber, which provides high transparency and high strength.
- Environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;

DIMENSION STRUCTURE



CABLE

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-
	40 40 15	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-
	40 40 15	OD: 6.0mm		DMX512 : RedV+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-

RGB (NS-T1615-RGB-WS2818)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	5	R	48	9.6	8	125	SPI (Single data cable)	UCS2603/WS2818
	5	G	148	36.8				
	5	B	32	6.5				
	12	RGB	262	21.8				

RGBW (NS-T1615-RGBW-UCS2904)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	42	8.8	8	125	SPI (Single data cable)	UCS2904
	4.8	G	117	24.4				
	4.8	B	36	7.5				
	4.8	W(4000K)	126	33.8				
	14.5	RGBW	342	23.6				

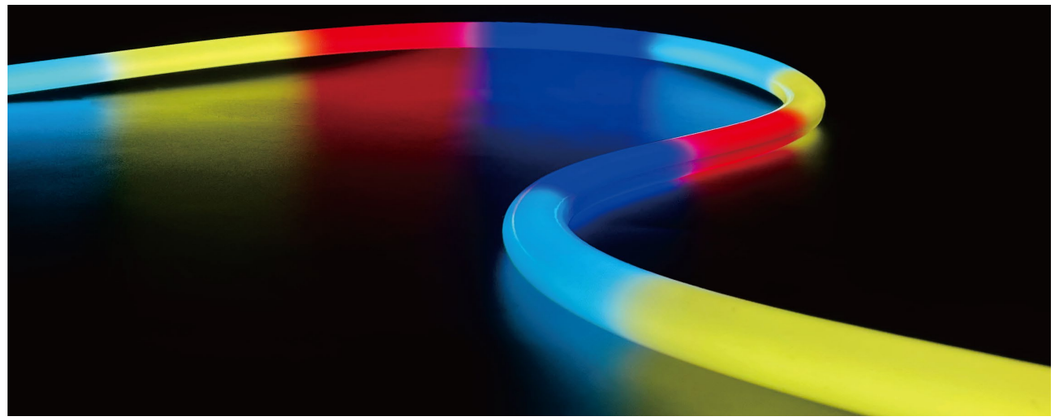
RGB (NS-T1615-RGB-DMX512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	51	10.6	8	125	DMX512	UCS512C2L
	4.8	G	191	39.8				
	4.8	B	32	6.7				
	12	RGB	266	22.2				

RGBW (NS-T1615-RGBW-DMX512)

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	44	9.2	8	125	DMX512	UCS512C2L
	4.8	G	119	24.8				
	4.8	B	34	7.1				
	4.8	W(4000K)	153	31.9				
	15	RGBW	329	21.9				

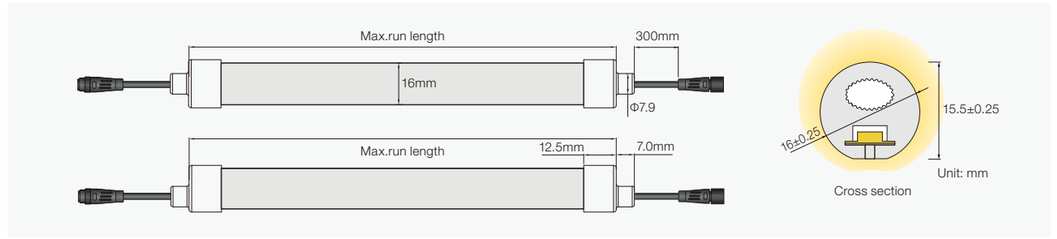
ADDRESSABLE NEON FLEX NS-D16



PRODUCT FEATURES

- It is made of Dow Chemical SILASTICTM ET-7021 silicone rubber, which provides high transparency and high strength.
- Environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;

DIMENSION STRUCTURE



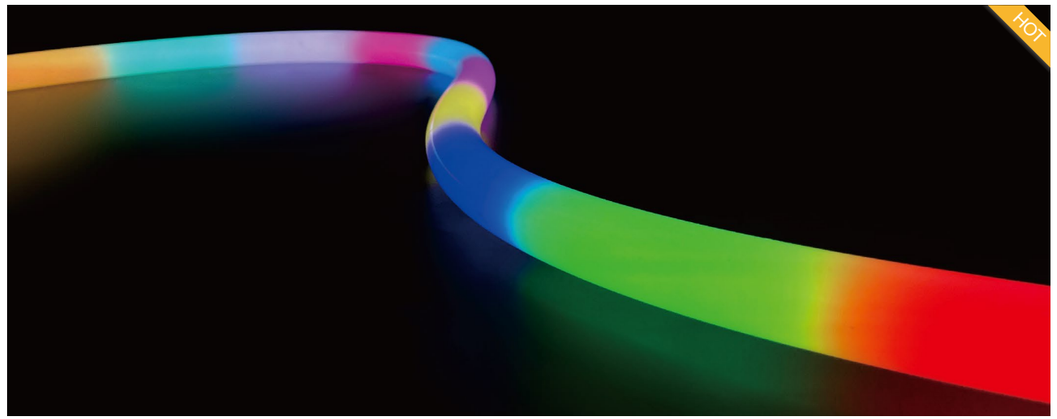
CABLE

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

RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	69	14.4	10	100	SPI (Single data cable)	WS2811
	4.8	G	219	45.6				
	4.8	B	40	8.5				
	12.5	RGB	294	23.5				

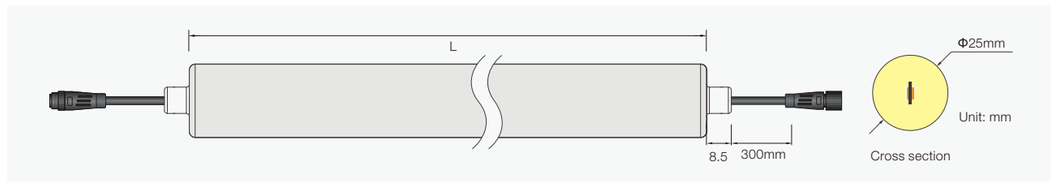
ADDRESSABLE NEON FLEX NS-ND25



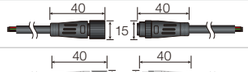
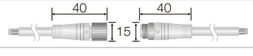
PRODUCT FEATURES

- It is made of Dow Chemical SILASTICTM ET-7021 silicone rubber, which provides high transparency and high strength.
- Environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;

DIMENSION STRUCTURE



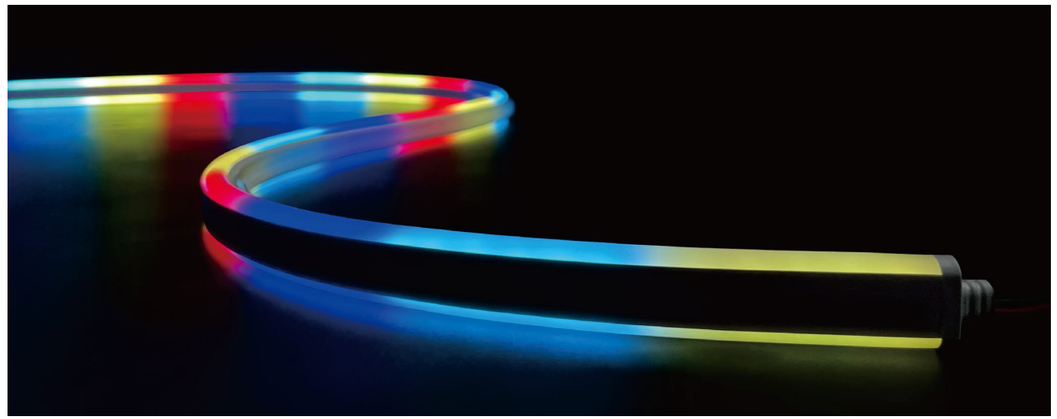
CABLE

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

RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	9.6	R	112	11.7	10	100	SPI (Single data cable)	WS2811
	9.6	G	350	36.5				
	9.6	B	54	5.6				
	25	RGB	74	19.0				

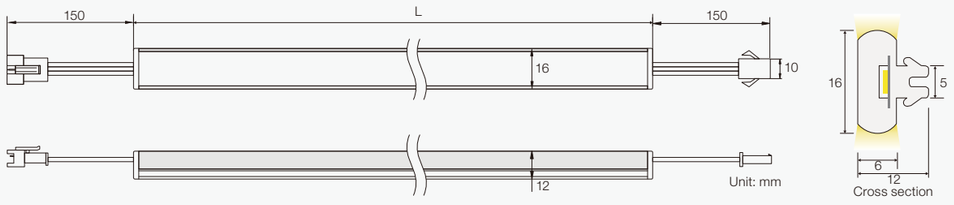
ADDRESSABLE NEON FLEX NS-S0612D



PRODUCT FEATURES

- It is made of Dow Chemical SILASTICTM ET-7021 silicone rubber, which provides high transparency and high strength.
- Environmental protection grade silicone material, integrated extrusion molding process.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- IP67 protection level, salt solution resistance, weak acid and alkali corrosion and UV.
- Excellent toughness, simple and stylish appearance, delicate and unique.
- 3 years warranty, working life ≥30000 hours;

DIMENSION STRUCTURE



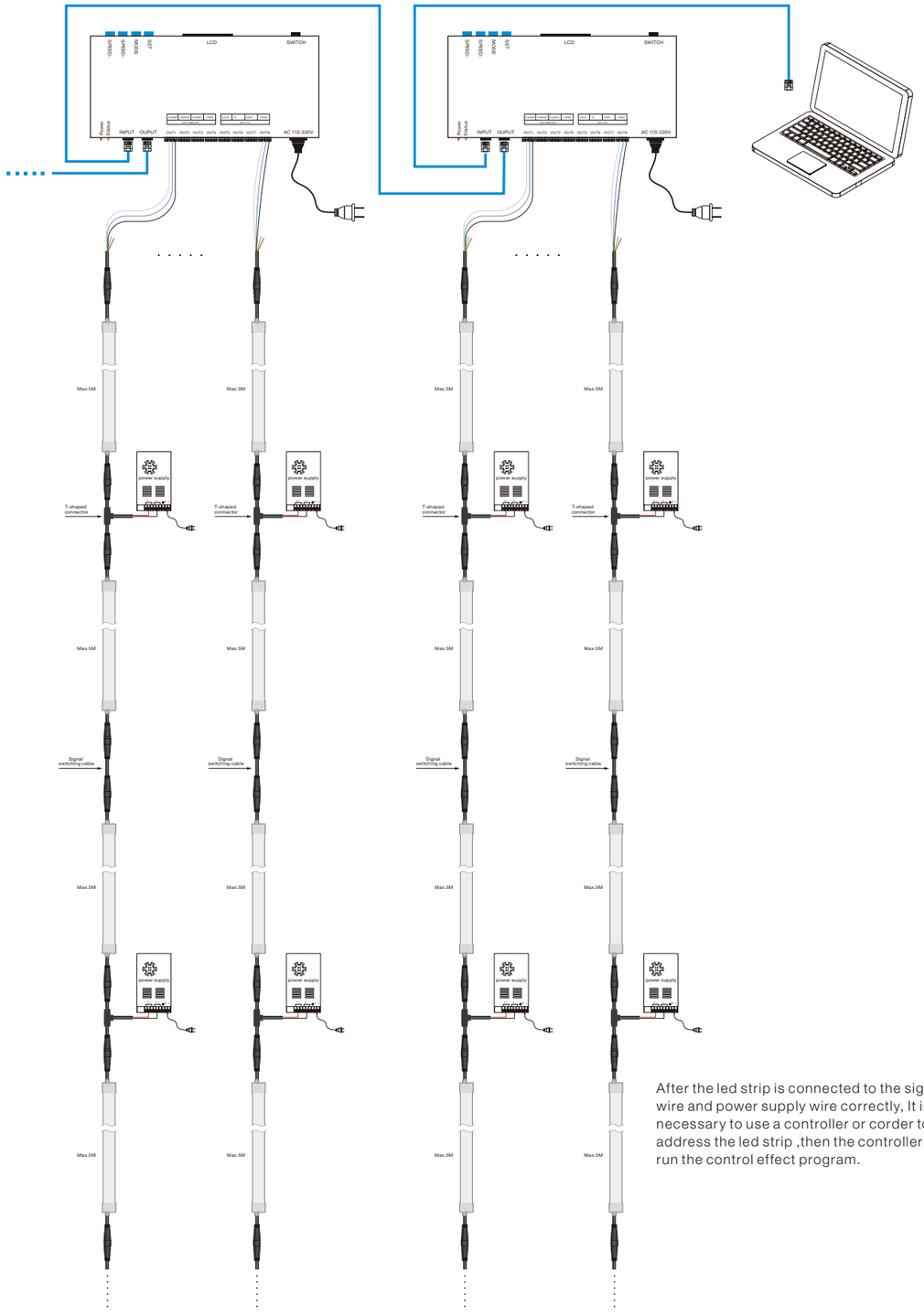
CABLE

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable	150mm 150mm	OD : 5.0mm		SPI (Single data cable): Red V+, Green DI/DO, Black V-

RGB

Voltage (V)	Power (W/M)	CCT/Color	Lumen (LM/M)	Efficiency (LM/W)	Pixel (PCS)	Unit length (mm)	Signal Type	IC Model
DC24V	4.8	R	64	13.3	10	100	SPI (Single data cable)	WS2811
	4.8	G	199	41.5				
	4.8	B	34	7.1				
	12.5	RGB	273	21.8				

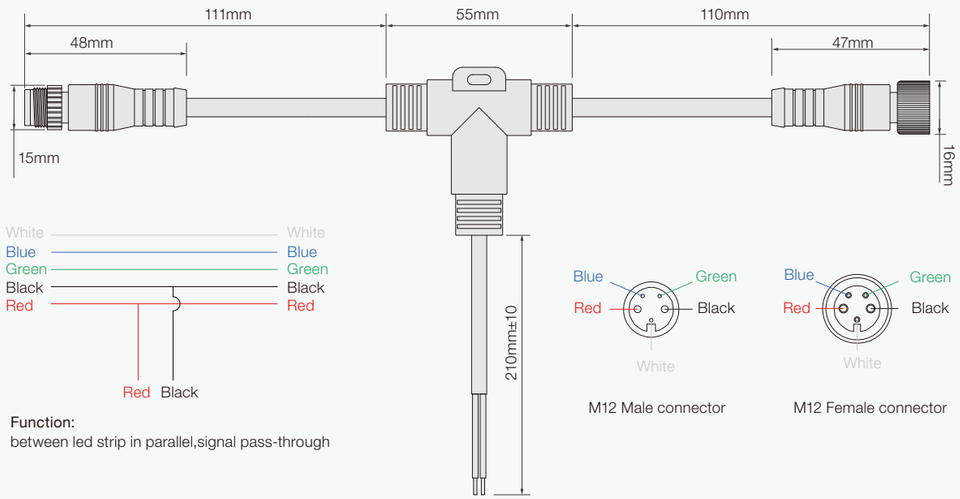
CONTROL SYSTEM CONNECTION DIAGRAM-DMX512



After the led strip is connected to the signal wire and power supply wire correctly, It is necessary to use a controller or corder to address the led strip ,then the controller can run the control effect program.

ACCESSORIES FOR DMX512 SERIES

T-type 5 pin connector

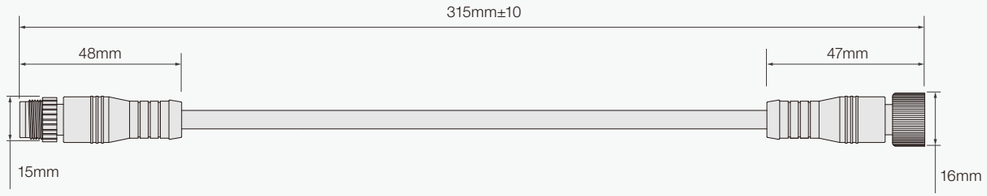


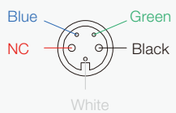
M12 Male connector

M12 Female connector

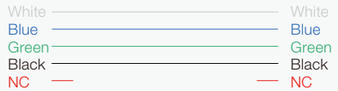
Function:
between led strip in parallel,signal pass-through

5 pin Signal switching cable

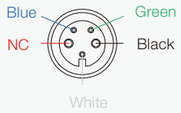




M12 Male connector

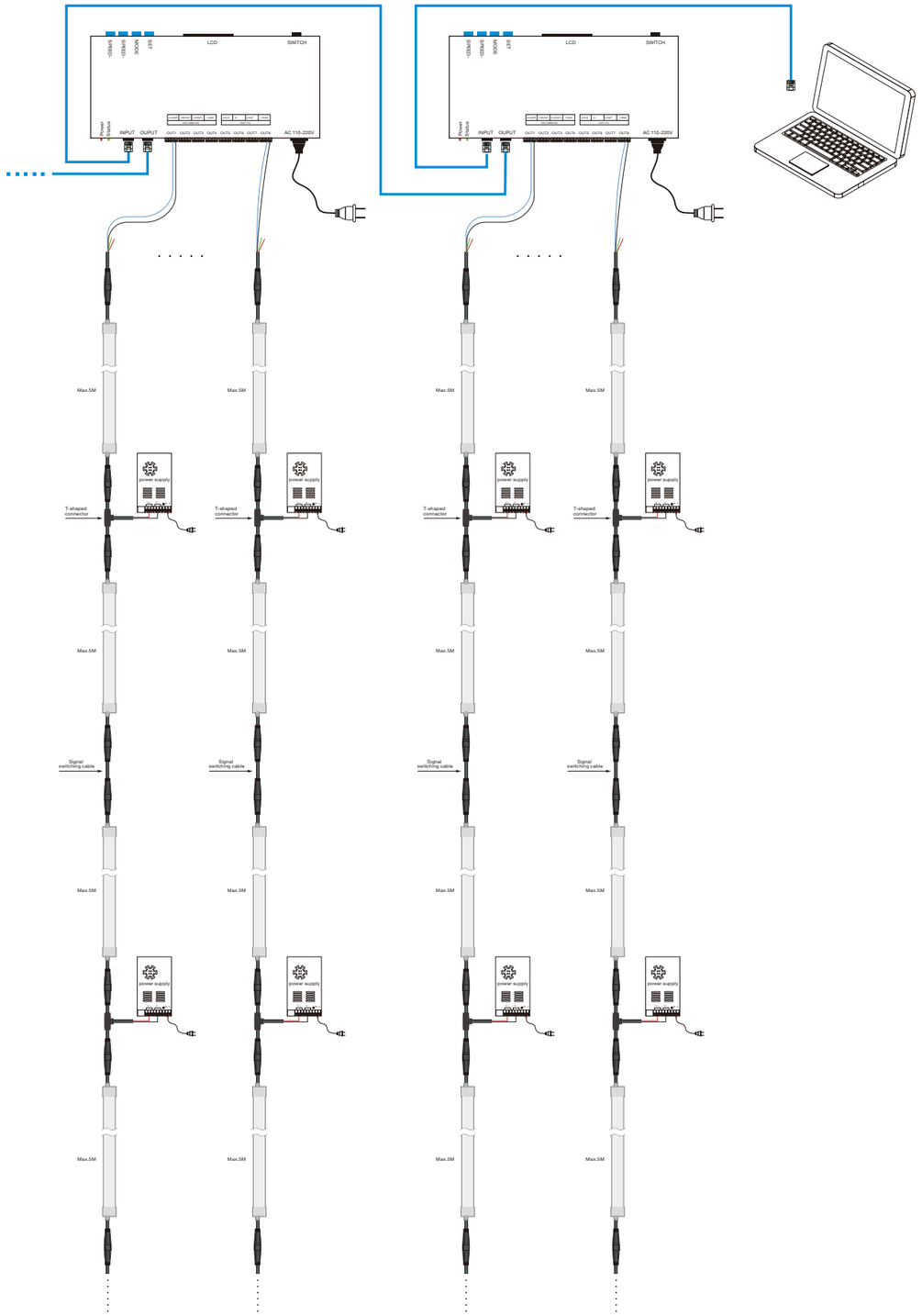


Function:
Keep the signal cable connected in series;
The positive terminal of the power supply is disconnected (avoid two power supplies connected in parallel).



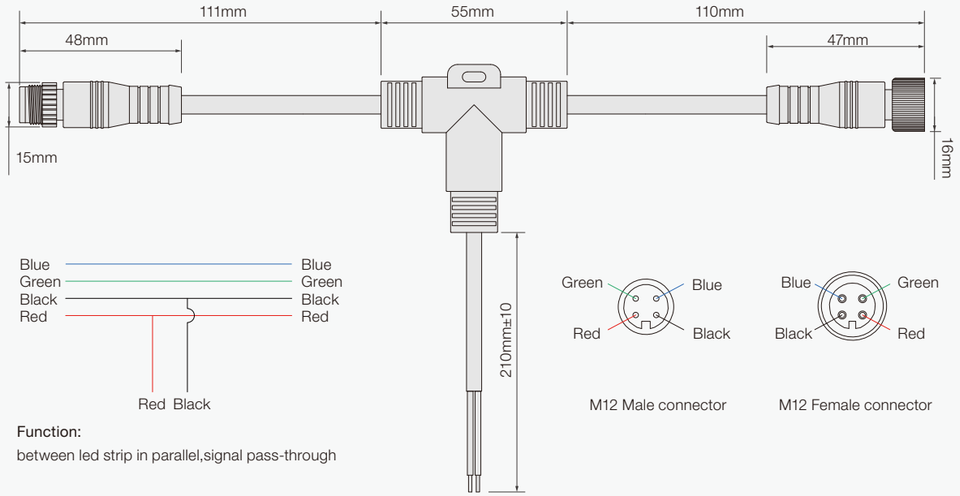
M12 Female connector

CONTROL SYSTEM CONNECTION DIAGRAM-SPI (DUAL DATA CABLE)



ACCESSORIES FOR SPI (DUAL DATA CABLE) SERIES

T-type 4 pin connector



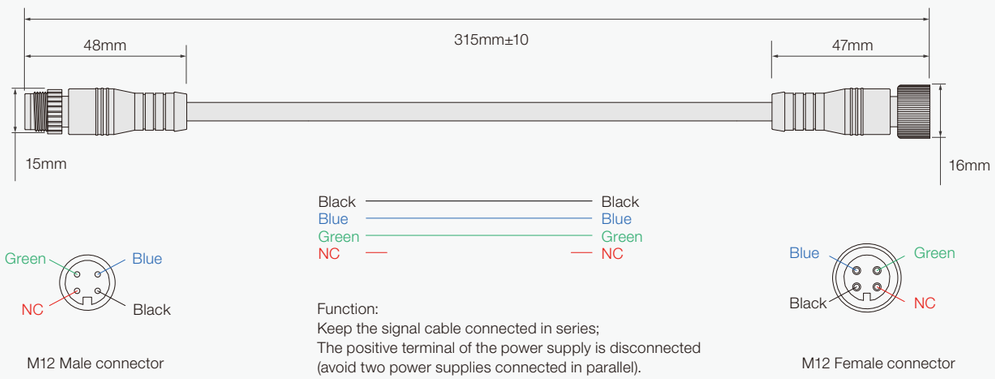
M12 Male connector

M12 Female connector

Function:

between led strip in parallel,signal pass-through

4 pin Signal switching cable

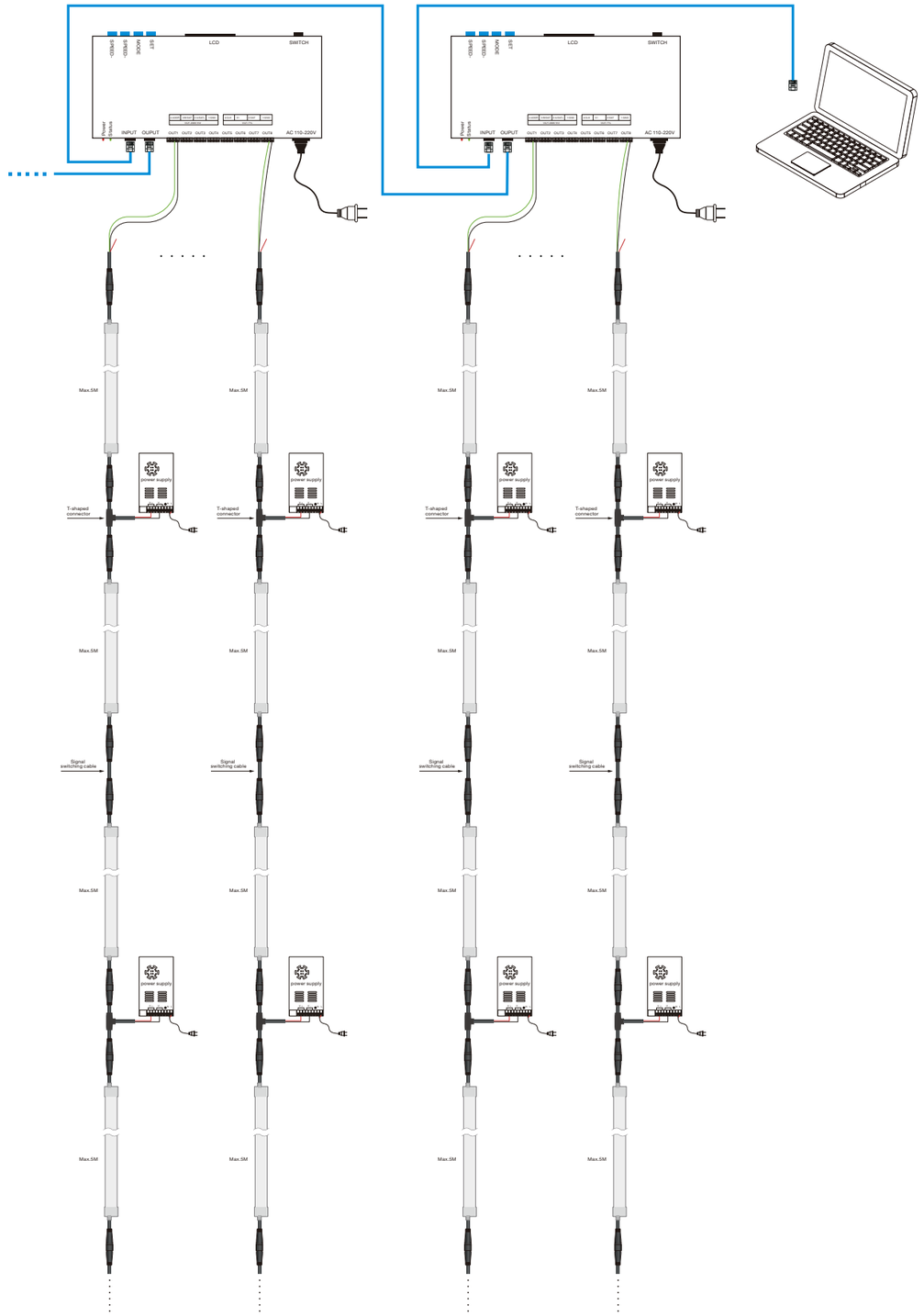


M12 Male connector

Function:
Keep the signal cable connected in series;
The positive terminal of the power supply is disconnected (avoid two power supplies connected in parallel).

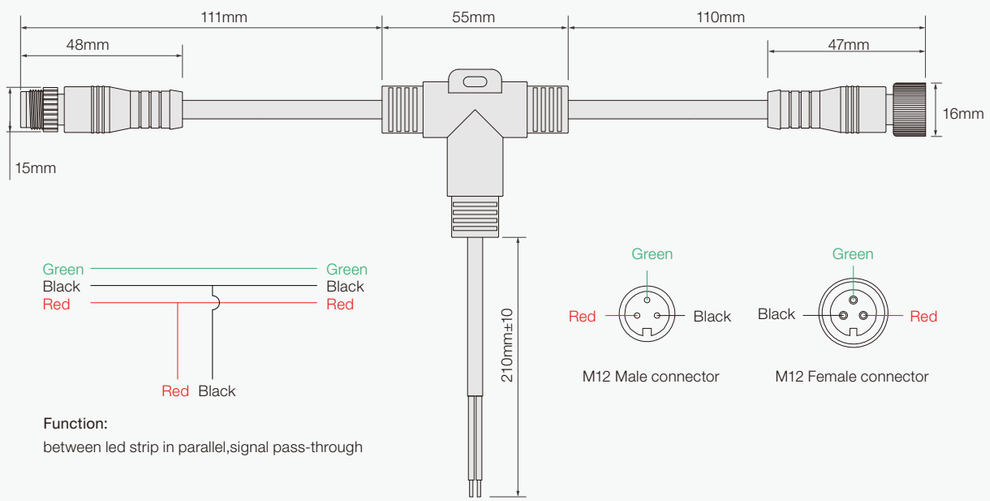
M12 Female connector

CONTROL SYSTEM CONNECTION DIAGRAM-SPI (SINGLE DATA CABLE)



ACCESSORIES FOR (SINGLE DATA CABLE) SERIES

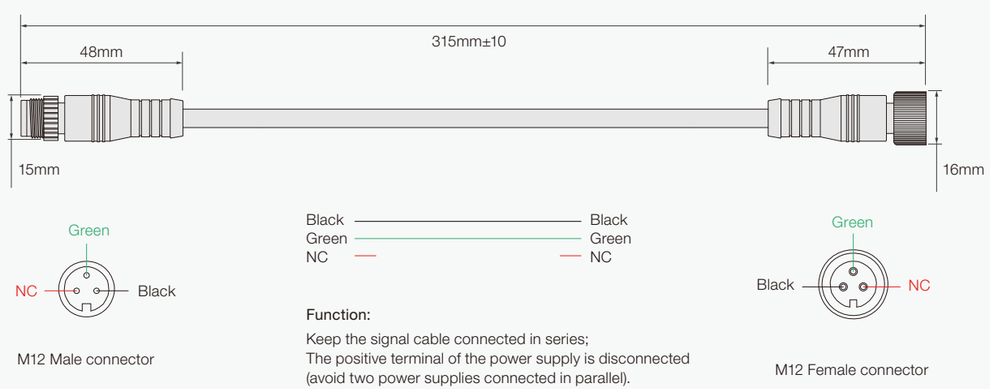
T-type 3 pin connector



Function:

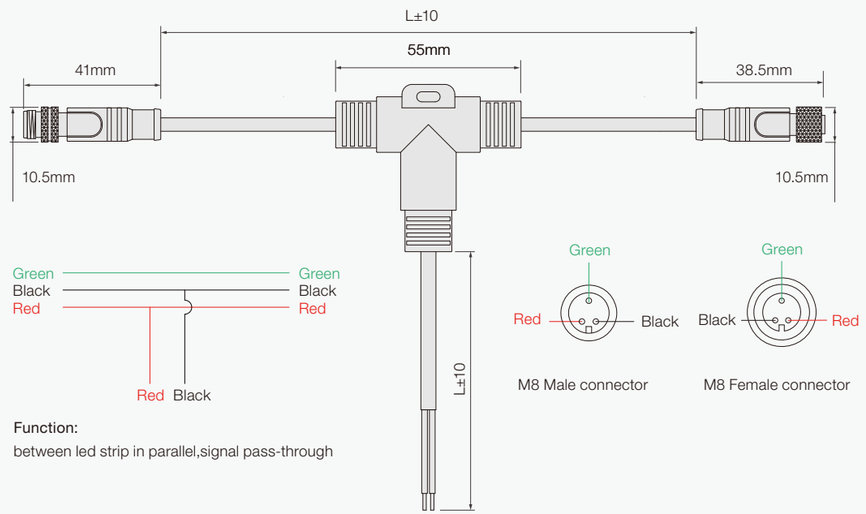
between led strip in parallel,signal pass-through

3 pin Signal switching cable



ACCESSORIES FOR (SINGLE DATA CABLE) SERIES (NS-S0612, NS-T1010)

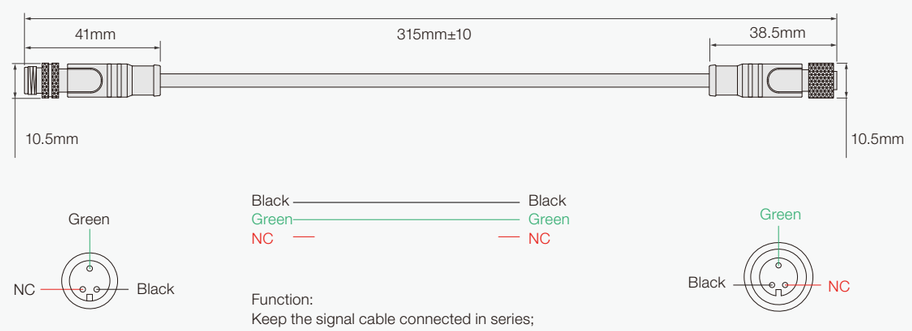
T-type 3 pin connector



Function:

between led strip in parallel,signal pass-through

3 pin Signal switching cable

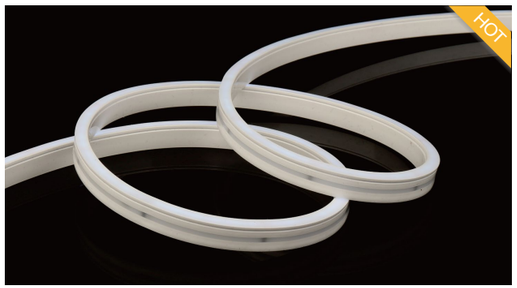


MINI CUTTING SERIES

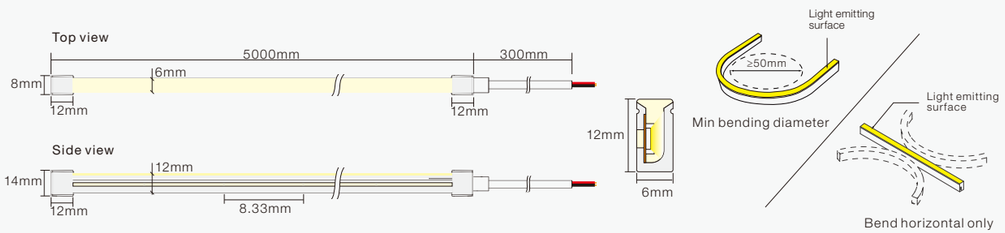
The Mini Cutting Neon Flex is a neon light that has been designed with an ultra-short cutting length to meet various length requirements. It's perfectly suitable for Signage lighting.

SIDE / MINI CUTTING S0612 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 5 meters with one end power
- Silicone end cap
- Eight CCT optional from 2700K to 6000K



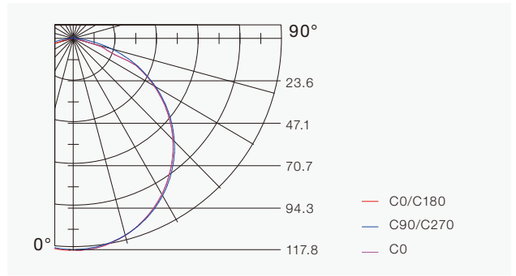
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

POLAR CURVE (The data base on 10W 6000K)



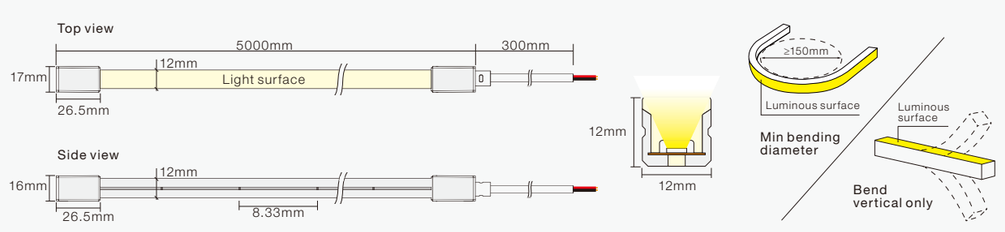
PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5w/m)(lm/m)	High power(10w/m)(lm/m)
NS-S0612-MC-W27	2600-2800K	173.25	346.50
NS-S0612-MC-W30	2900-3100K	173.25	346.50
NS-S0612-MC-W40	3750-4350K	181.50	363.00
NS-S0612-MC-W60	5800-6500K	181.50	363.00

TOP / MINI CUTTING T1212 NEON 24V

- Regular power 5W/m and 10W/m for option
- Max length 5 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2700K to 6000K

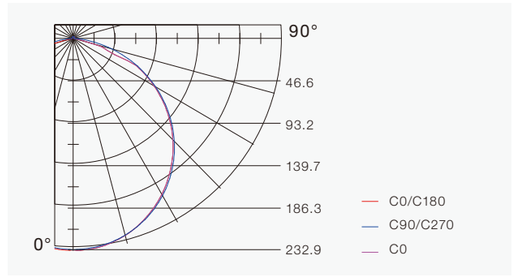
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

POLAR CURVE (The data base on 10W 6000K)

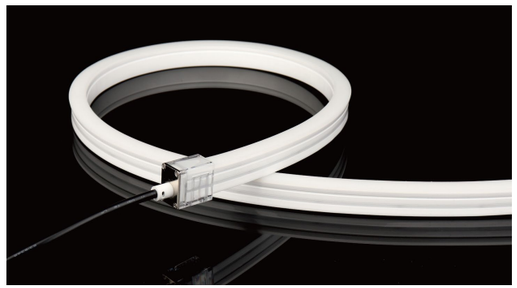


PRODUCT PHOTOMETRICS

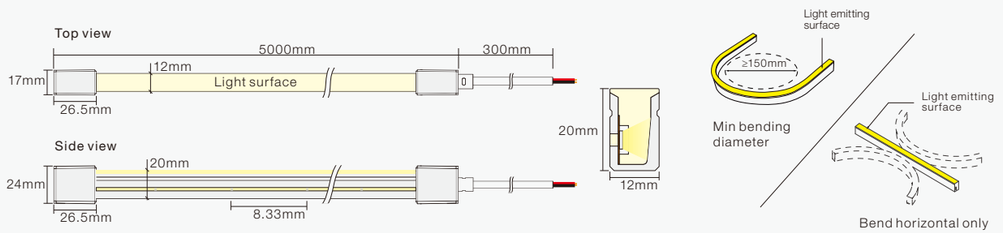
Part Number	CCT(K)	Low power(5w/m)(lm/m)	High power(10w/m)(lm/m)
NS-T1212-MC-W27	2600-2800K	299.25	598.50
NS-T1212-MC-W30	2900-3100K	299.25	598.50
NS-T1212-MC-W40	3750-4350K	313.50	627.00
NS-T1212-MC-W60	5800-6500K	313.50	627.00

SIDE / MINI CUTTING S1220 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 5 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2700K to 6000K



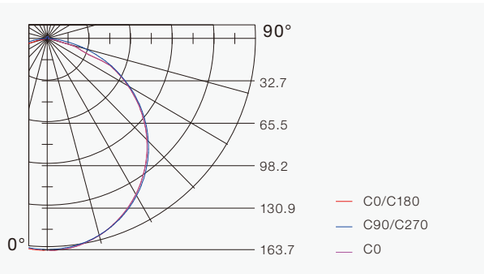
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

POLAR CURVE (The data base on 15W 6000K)



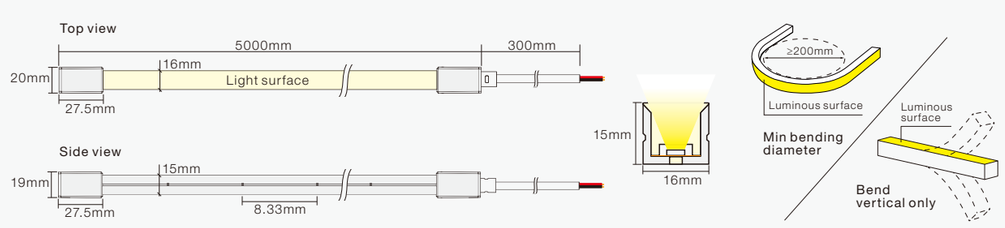
PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5w/m) (lm/m)	Medium power(10w/m) (lm/m)	High power(15w/m) (lm/m)
NS-S1220-MC-W27	2600-2800K	144.37	288.75	433.12
NS-S1220-MC-W30	2900-3100K	144.37	288.75	433.12
NS-S1220-MC-W40	3750-4350K	151.25	302.50	453.75
NS-S1220-MC-W60	5800-6500K	151.25	302.50	453.75

TOP / MINI CUTTING T1615 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 5 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2700K to 6000K

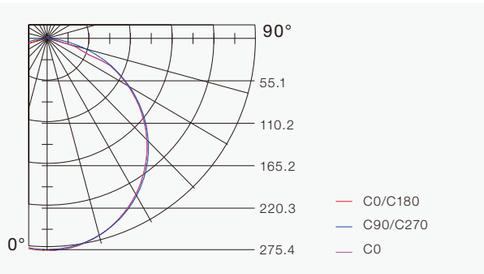
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

POLAR CURVE (The data base on 15W 6000K)



PRODUCT PHOTOMETRICS

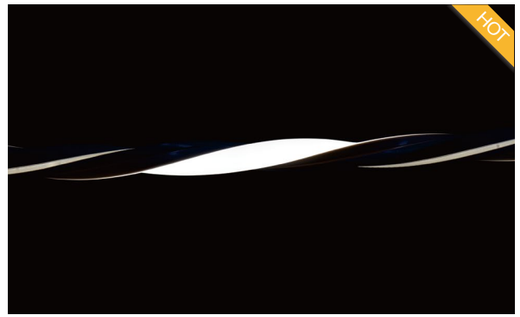
Part Number	CCT(K)	Low power(5w/m) (lm/m)	Medium power(10w/m) (lm/m)	High power(15w/m) (lm/m)
NS-T1615-MC-W27	2600-2800K	254.62	509.25	763.87
NS-T1615-MC-W30	2900-3100K	254.62	509.25	763.87
NS-T1615-MC-W40	3800-4300K	266.75	533.50	800.25
NS-T1615-MC-W60	5900-6400K	266.75	533.50	800.25

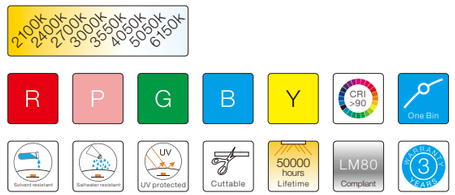
3D BEND SERIES

3D LED Neon Flex can be bent both horizontally and vertically, offering the versatility of a three-dimensional shape within the same product.

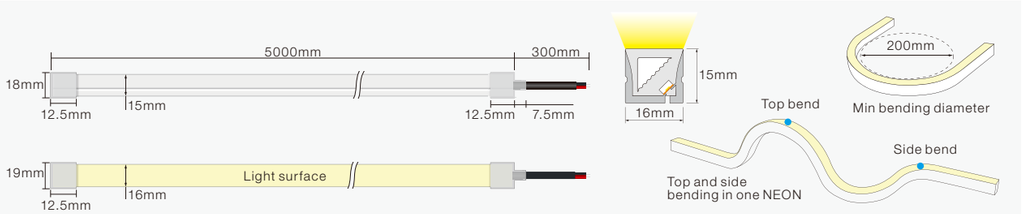
3D NEON 1615 LED NEON 24V

- Regular power 5W/m and10W/m for option
- Max length 5 meters with one end power
- Eight CCT optional from 2100K to 6150K
- Top bending and side bending in one NEON





DIMENSIONS & WATERPROOF

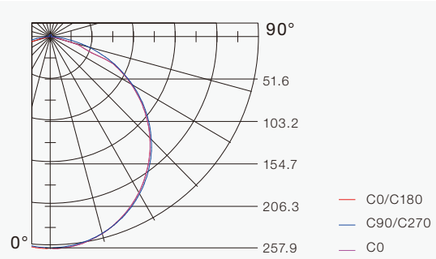


PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color Type	Cutting length(mm)
Single color	50mm

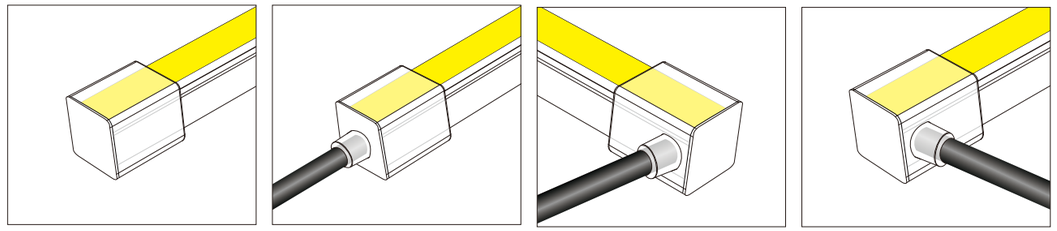
POLAR CURVE (The data base on 10W 6000K)



PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
NS-3D1615-W21	2000-2200K	316	5m	626	5m
NS-3D1615-W24	2300-2500K	330	5m	627	5m
NS-3D1615-W27	2600-2800K	357	5m	675	5m
NS-3D1615-W30	2900-3100K	372	5m	701	5m
NS-3D1615-W35	3400-3700K	384	5m	726	5m
NS-3D1615-W40	3800-4300K	385	5m	728	5m
NS-3D1615-W50	4800-5300K	391	5m	745	5m
NS-3D1615-W60	5900-6400K	387	5m	733	5m
NS-3D1615-R	Red(620-625nm)	151	5m	307	5m
NS-3D1615-G	Green(515-525nm)	320	5m	533	5m
NS-3D1615-B	Blue(460-465nm)	77	5m	144	5m
NS-3D1615-Y	Yellow(585-595nm)	128	5m	260	5m
NS-3D1615-P	Pink	255	5m	481	5m

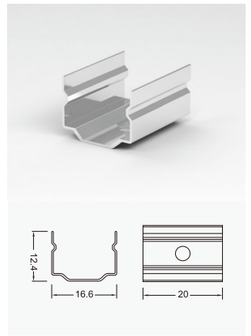
CABLE OUTLET



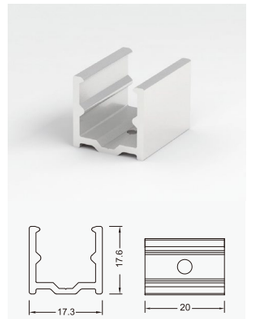
(without cable) (cable from end) (cable from left) (cable from right)

ACCESSORY

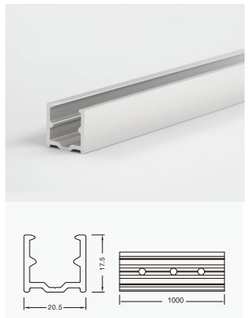
Mounting accessories



Stainless Steel Mounting clips



Aluminium Mounting clips



Aluminium Profile

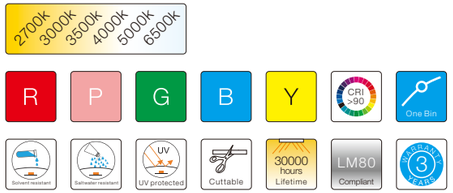
Suspension Installation

Wire cable

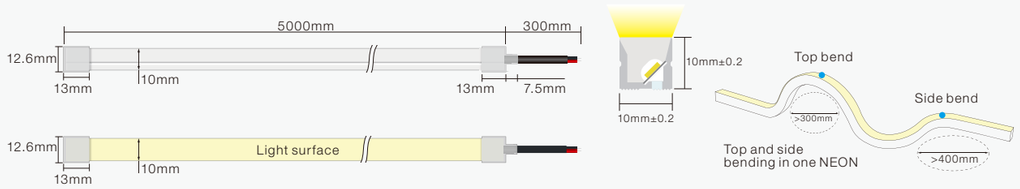
2PIN cable

3D NEON 1010 LED NEON 24V

- Regular power 5W/m, 10W/m
- Max length 5 meters with one end power
- Six CCT optional from 2700K to 6500K
- Top bending and side bending in one NEON



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	DC24V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~ 60°C
Ambient Temperature	Min.-25°C
CRI	>90

SPECIFICATION

Power	Min:5W/M;Max:10W/M
Efficacy@4000K	50.6lm/w
Max Ambient Temperature	45°C

Due to the tolerance of the production and electrical components, output value and electrical power can very up to 10%

LENGTH STANDARD

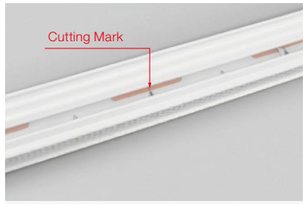
Length Range (M)	Final Length		Tolerance
	Integral end cap	Silicone end cap	
0M<Neon Strip≤5M	L+6	L+8	±7

PRODUCT PHOTOMETRICS

Note: CV means Constant Voltage, CC means Constant Current.

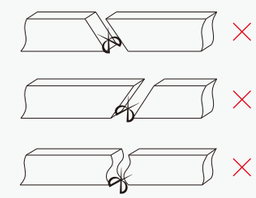
Part Number	CCT(K)	Low power(5w/m)		High power(10w/m)		Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
		LM/M	LM/W	LM/M	LM/W			
NS-3D1010-W27	2700K±150	232	46.4	464	46.4	35.7	5(CV)	CC/CV
NS-3D1010-W30	3000K±150	243	48.6	486	48.6	35.7	5(CV)	CC/CV
NS-3D1010-W35	3500K±200	245.5	49.1	491	49.1	35.7	5(CV)	CC/CV
NS-3D1010-W40	4000K±300	253	50.6	506	50.6	35.7	5(CV)	CC/CV
NS-3D1010-W50	5000K±400	253	50.6	506	50.6	35.7	5(CV)	CC/CV
NS-3D1010-W65	6500K±500	246.5	49.3	493	49.3	35.7	5(CV)	CC/CV
NS-3D1010-R	Red	84	16.8	168	16.8	35.7	5(CV)	CC/CV
NS-3D1010-G	Green	222.5	44.5	445	44.5	35.7	5(CV)	CC/CV
NS-3D1010-B	Blue	47.5	9.5	95	9.5	35.7	5(CV)	CC/CV
NS-3D1010-Y	Yellow	55	11.0	110	11.0	35.7	5(CV)	CC/CV
NS-3D1010-O	Orange	73.5	14.7	147	14.7	35.7	5(CV)	CC/CV
NS-S0612T-P	Pink	185.5	37.1	371	37.1	35.7	5(CV)	CC/CV

CUTTING



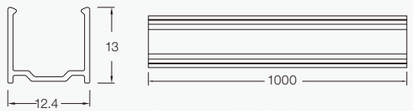
Remark:
The bottom of the led strip has transparent window,the black marker is the cutting position

Use professional scissors to cut vertically at the cutting mark



Please don't be feel free to cut and cut into an oblique angle or cambered section.

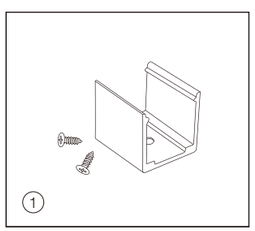
INSTALLATION ACCESSORY



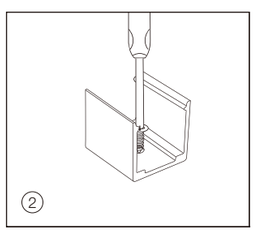
Dimension: 1000(±5)x12.4x13mm
Accessories: Screw M3x15mm

Dimension: 1000(±5)x12x14.3mm
Accessories: Screw M3x15mm

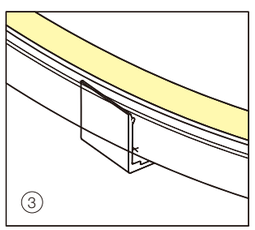
INSTALLATION



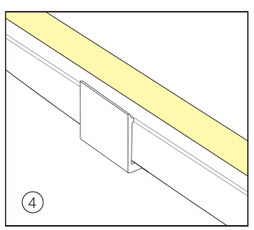
Prepare the screws and mounting clips



Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.



Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



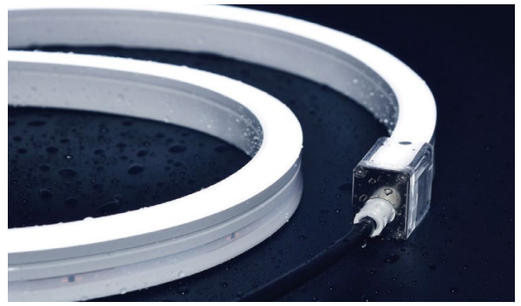
Fix NEON strip completely into the fixed clip.

HIGH EFFICIENCY SERIES

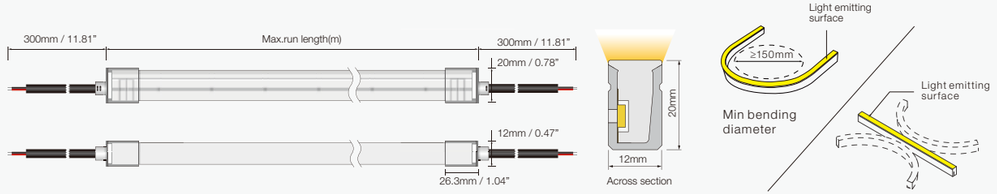
This series leverages specialized optical structures and high efficiency light sources to attain unmatched luminous efficiency, delivering a powerful and efficient lighting solution.

SIDE / HIGH EFFICIENCY S1220 NEON 24V

- Regular power 5W/m, 10W/m and 15W/m for option
- Max length 20 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2700K to 6000K



DIMENSIONS & WATERPROOF



Electrical Parameter

Voltage	DC24 V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~60°C
Ambient Temperature	Min.-25°C Max (Table below)
CRI	>90

Specification

Power	5 w/m	10 w/m	15 w/m
Efficacy@4000K	62 lm/w	61 lm/w	57 lm/w
Max Ambient Temperature	50°C	45°C	35°C

Due to the tolerance of the production and electrical components, output value and electrical power can very up to 10%

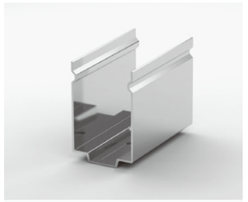
PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-S1220H-W27	2600-2800K	50	CC/CV	275	20m	530	12m	750	8m
NS-S1220H-W30	2900-3100K	50	CC/CV	275	20m	530	12m	750	8m
NS-S1220H-W35	3300-3700K	50	CC/CV	300	20m	580	12m	795	8m
NS-S1220H-W40	3700-4300K	50	CC/CV	310	20m	610	12m	855	8m
NS-S1220H-W50	4700-5300K	50	CC/CV	300	20m	590	12m	825	8m
NS-S1220H-W60	5700-6300K	50	CC/CV	300	20m	590	12m	825	8m

Note: CC stands for constant current, CV stands for constant voltage, max length of CV is 5m.

MOUNTING WAY

Stainless Steel Mounting clips



Dimension: 20x12.8x18.9mm

Aluminium Mounting clips

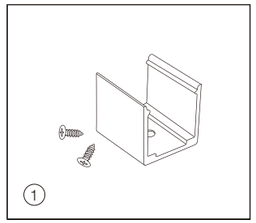
Dimension: 20x17.3x21mm

Aluminium Profile

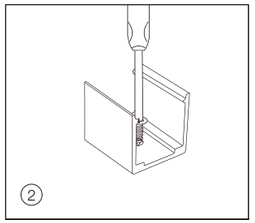
Dimension: 1000x17.3x21mm

Suspension Installation

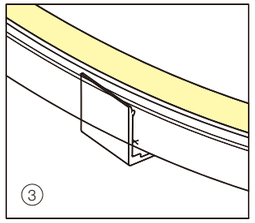
INSTALLATION



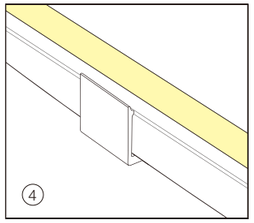
Prepare the screws and mounting clips



Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.

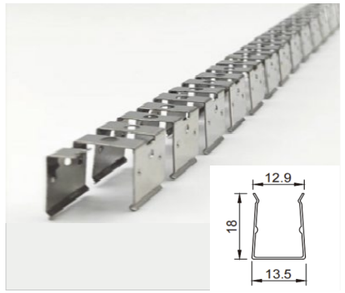


Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



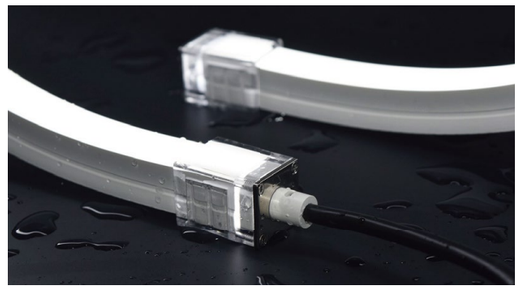
Fix NEON strip completely into the fixed clip.

Curved Stainless Steel mounting profile

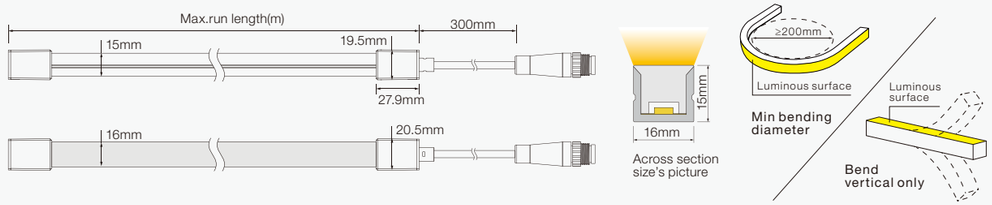


TOP / HIGH EFFICIENCY T1615 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 20 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2700K to 6000K



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	DC24 V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~60°C
Ambient Temperature	Min.-25°C Max (Table below)
CRI	>90

SPECIFICATION

Power	5 w/m	10 w/m	15 w/m
Efficacy@4000K	84 lm/w	82 lm/w	78 lm/w
Max Ambient Temperature	50°C	45°C	35°C

Due to the tolerance of the production and electrical components, output value and electrical power can very up to 10%

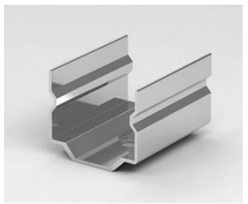
PRODUCT PHOTOMETRICS

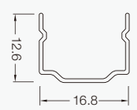
Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-T1615H-W27	2600-2800K	50	CC/CV	375	20m	730	12m	1050	8m
NS-T1615H-W30	2900-3100K	50	CC/CV	390	20m	770	12m	1110	8m
NS-T1615H-W35	3300-3700K	50	CC/CV	430	20m	850	12m	1230	8m
NS-T1615H-W40	3700-4300K	50	CC/CV	420	20m	820	12m	1170	8m
NS-T1615H-W50	4700-5300K	50	CC/CV	455	20m	900	12m	1290	8m
NS-T1615H-W60	5700-6300K	50	CC/CV	450	20m	890	12m	1260	8m

Note: CC stands for constant current, CV stands for constant voltage, max length of CV is 5m.

MOUNTING WAY

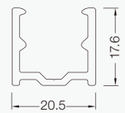
Mounting Clips





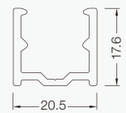
Dimension: 20x12.6x16.8mm

Aluminium Mounting clips



Dimension: 20x20.5x17.6mm

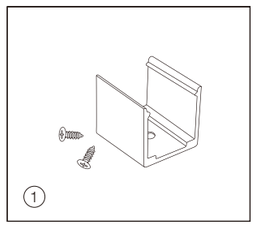
Aluminium Profile



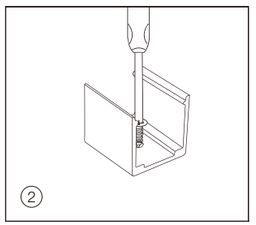
Dimension: 1000x20.5x17.6mm

Suspension Installation

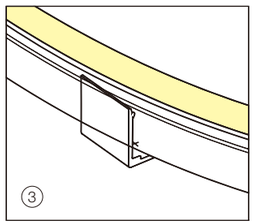
INSTALLATION



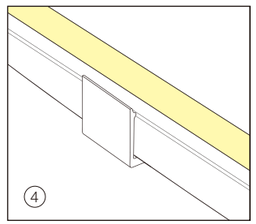
Prepare the screws and mounting clips



Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.

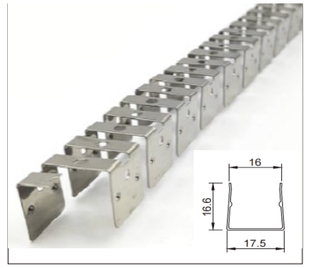


Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



Fix NEON strip completely into the fixed clip.

Curved Stainless Steel mounting profile

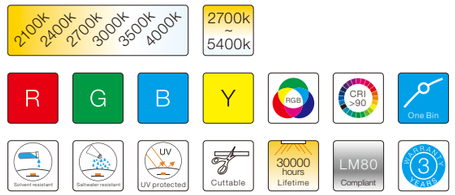


BLACK SERIES

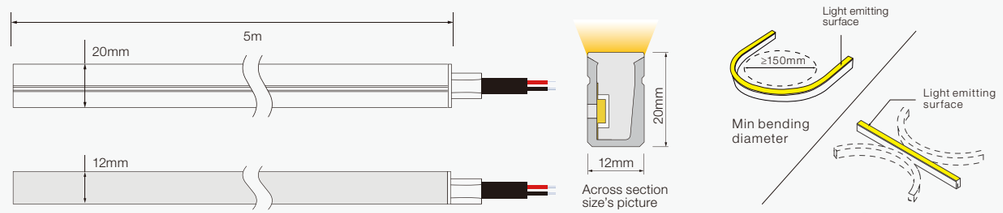
The Black Series presents a refined black design with evenly distributed light output. It's a preferred choice among lighting designers, blending aesthetic appeal and performance.

SIDE / BLACK NEON S1220 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 5 meters with one end power
- Unique black silicone body
- Six CCT optional from 2100K to 4000K



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	DC24 V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~60°C
Ambient Temperature	Min.-25°C Max (Table below)
CRI	>90

SPECIFICATION

Power	5 w/m	10 w/m	15 w/m
Efficacy@4000K	2 lm/w	1.87 lm/w	1.8 lm/w
Max Ambient Temperature	50°C	45°C	35°C

Due to the tolerance of the production and electrical components, output value and electrical power can very up to 10%

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-S1220B-W21	2000-2200K	50	CV	9.1	5m	17.6	5m	23.8	5m
NS-S1220B-W24	2300-2500K	50	CV	9.2	5m	17.7	5m	24.1	5m
NS-S1220B-W27	2600-2800K	50	CV	8.6	5m	17.2	5m	23	5m
NS-S1220B-W30	2900-3100K	50	CV	9.1	5m	17.8	5m	24.2	5m
NS-S1220B-W35	3400-3700K	50	CV	9.2	5m	17.4	5m	24.9	5m
NS-S1220B-W40	3800-4300K	50	CV	10.1	5m	19.5	5m	26.6	5m
NS-S1220B-R	Red(620-625nm)	50	CV	4.5	5m	9.6	5m	12	5m
NS-S1220B-G	Green(515-525nm)	50	CV	7.5	5m	13.8	5m	16.5	5m
NS-S1220B-B	Blue(460-465nm)	50	CV	1.3	5m	2.5	5m	3.5	5m
NS-S1220B-Y	Yellow(585-595nm)	50	CV	3.2	5m	6.4	5m	9	5m

Note: CC stands for constant current, CV stands for constant voltage, max length of CV is 5m.

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-S1220B-TW	WW:2600-2800K	50	CV	4.6	5m	9.7	5m	12.9	5m
NS-S1220B-TW	CW:5100-5700K	50	CV	4.6	5m	9.5	5m	12.9	5m
NS-S1220B-TW	WW+CW:3800-4300K	50	CV	9.3	5m	19.2	5m	25.5	5m

RGB COLOR PARAMETERS

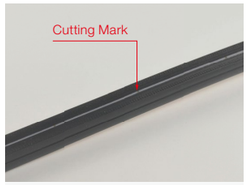
Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-S1220B-RGB	R	62.5	CV	1.3	5m	2.3	5m	3.2	5m
NS-S1220B-RGB	G	62.5	CV	2.7	5m	4.4	5m	5.7	5m
NS-S1220B-RGB	B	62.5	CV	0.4	5m	0.7	5m	0.9	5m
NS-S1220B-RGB	RGB	62.5	CV	4.4	5m	7.4	5m	9.5	5m

CAUTIONS

The unused product and unused product after unpacking should be sealed with the packaging bag to avoid prolonged exposure.

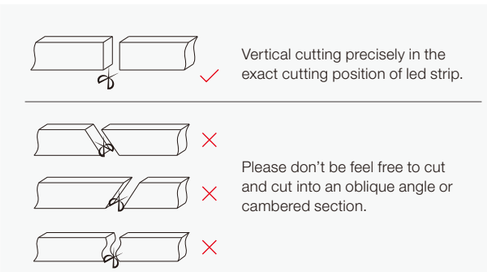
Tests showed that nail and benzene substances will have yellowing effects on silicone gel;in the new indoor decoration environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration materials or new furniture , possibly release of nail and benzene substances, it is recommended to remove formaldehyde and benzene or ventilate for a period of time in the new indoor decoration environment, and then install the neon strip to avoid yellowing of the silicone gel.

CUTTING MARK



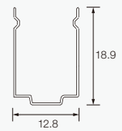
Remark:
The bottom of the led strip has transparent window, the black marker is the cutting position

Use professional scissors to cut vertically at the cutting mark



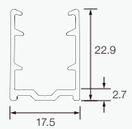
MOUNTING WAY

Stainless Steel Mounting clips



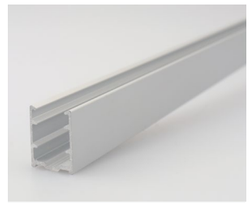
Dimension: 20x12.8x18.9mm

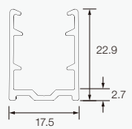
Aluminium Mounting clips



Dimension: 20 x 17.5 x 22.9mm

Aluminium Profile

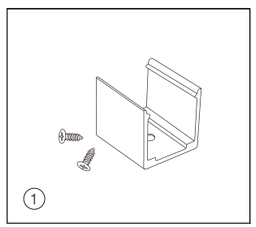




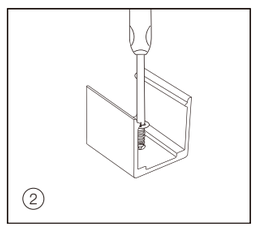
Dimension: 1000 x 17.5 x 22.9mm

Suspension Installation

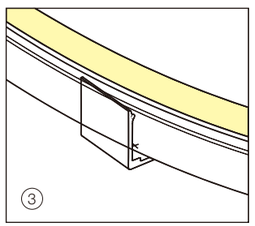
INSTALLATION



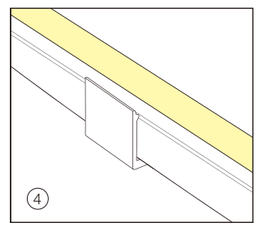
Prepare the screws and mounting clips



Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.

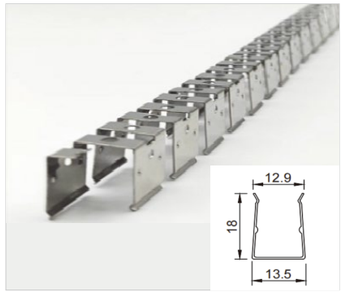


Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



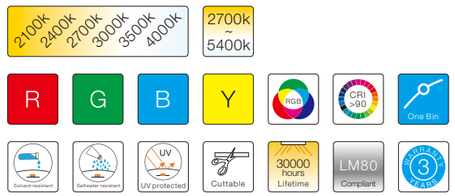
Fix NEON strip completely into the fixed clip.

Curved Stainless Steel mounting profile

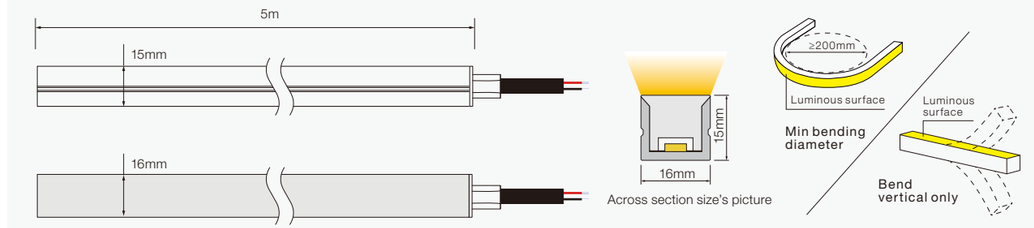


TOP / BLACK NEON T1615 NEON 24V

- Regular power 5W/m,10W/m and 15W/m for option
- Max length 5 meters with one end power
- Unique black silicone body
- Six CCT optional from 2100K to 4000K



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	DC24 V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C~60°C
Ambient Temperature	Min.-25°C Max (Table below)
CRI	>90

SPECIFICATION

Power	5 w/m	10 w/m	15 w/m
Efficacy@4000K	2.2 lm/w	2 lm/w	2 lm/w
Max Ambient Temperature	55°C	45°C	35°C

Due to the tolerance of the production and electrical components, output value and electrical power can very up to 10%

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-T1615B-W21	2000-2200K	50	CV	10.3	5m	19.5	5m	27.8	5m
NS-T1615B-W24	2300-2500K	50	CV	11	5m	20.7	5m	29.4	5m
NS-T1615B-W27	2600-2800K	50	CV	11	5m	20.6	5m	29.4	5m
NS-T1615B-W30	2900-3100K	50	CV	11	5m	21.1	5m	30	5m
NS-T1615B-W35	3400-3700K	50	CV	10.8	5m	20.4	5m	29.3	5m
NS-T1615B-W40	3800-4300K	50	CV	10.9	5m	20.7	5m	29.6	5m
NS-T1615B-R	Red(620-625nm)	50	CV	5.8	5m	11.5	5m	17.3	5m
NS-T1615B-G	Green(515-525nm)	50	CV	7	5m	11.3	5m	21	5m
NS-T1615B-B	Blue(460-465nm)	50	CV	1.5	5m	1.5	5m	1.5	5m
NS-T1615B-Y	Yellow(585-595nm)	50	CV	4.9	5m	9.6	5m	14.6	5m
NS-T1615B-P	Pink	50	CV	9.1	5m	17	5m	27.2	5m

Note: CC stands for constant current, CV stands for constant voltage, max length of CV is 5m.

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-T1615B-TW	WW:2600-2800K	50	CV	5.4	5m	10.6	5m	15.2	5m
NS-T1615B-TW	CW:5100-5700K	50	CV	5.5	5m	10.7	5m	15.4	5m
NS-T1615B-TW	WW+CW:3800-4300K	50	CV	10.1	5m	20.9	5m	30.5	5m

RGB COLOR PARAMETERS

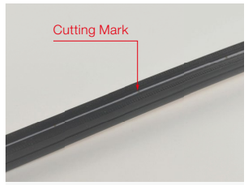
Part Number	CCT(K)	Unit cut(mm)	CV/CC	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-T1615B-RGB	R	62.5	CV	1.8	5m	3.2	5m	3.9	5m
NS-T1615B-RGB	G	62.5	CV	3.3	5m	5.2	5m	4.8	5m
NS-T1615B-RGB	B	62.5	CV	0.7	5m	0.9	5m	1.2	5m
NS-T1615B-RGB	RGB	62.5	CV	5.3	5m	8.7	5m	11.9	5m

CAUTIONS

The unused product and unused product after unpacking should be sealed with the packaging bag to avoid prolonged exposure.

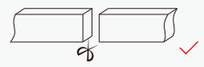
Tests showed that nail and benzene substances will have yellowing effects on silicone gel;in the new indoor decoration environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration materials or new furniture , possibly release of nail and benzene substances, it is recommended to remove formaldehyde and benzene or ventilate for a period of time in the new indoor decoration environment, and then install the neon strip to avoid yellowing of the silicone gel.

CUTTING MARK

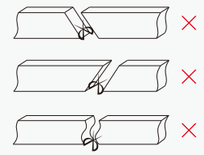


Remark:
The bottom of the led strip has transparent window, the black marker is the cutting position

Use professional scissors to cut vertically at the cutting mark



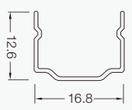
Vertical cutting precisely in the exact cutting position of led strip.



Please don't be feel free to cut and cut into an oblique angle or cambered section.

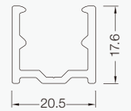
MOUNTING WAY

Stainless Steel Mounting clips



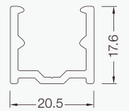
Dimension: 20x12.6x16.8mm

Aluminium Mounting clips



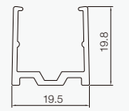
Dimension: 20x20.5x17.6mm

Aluminium Profile



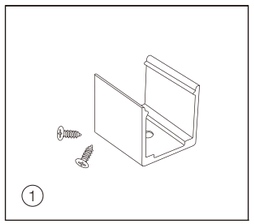
Dimension: 1000x20.5x17.6mm

Transparent plastic groove

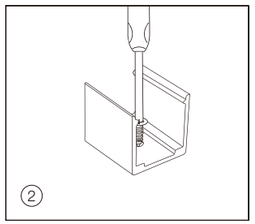


Dimension: 1000x19.5x19.8mm

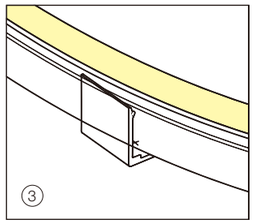
INSTALLATION



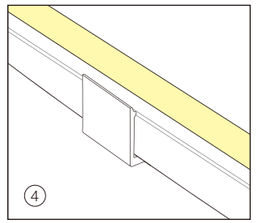
Prepare the screws and mounting clips



Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.

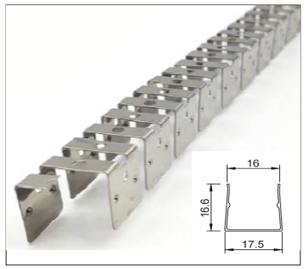


Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



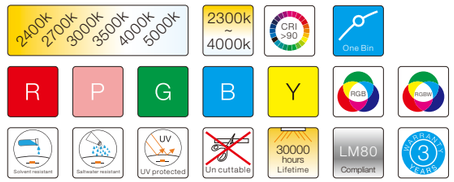
Fix NEON strip completely into the fixed clip.

Curved Stainless Steel mounting profile

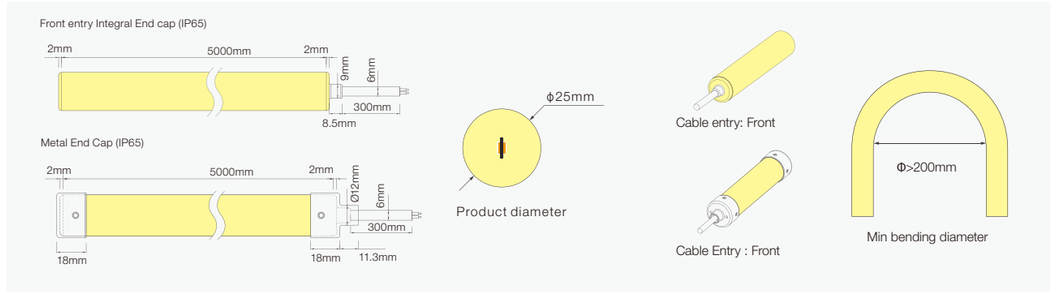


BLACK 360° SILICONE NEON ND25B 24V

- Using Dow Chemical brand silicone rubber
- Eco-friendly silicone with integrated extrusion process
- Unique black silicone body for easy blending in various settings
- IP67 with resistance to salts, acids, alkalis, and UV
- Matt finished surface, dust-resistant



DIMENSIONS & WATERPROOF



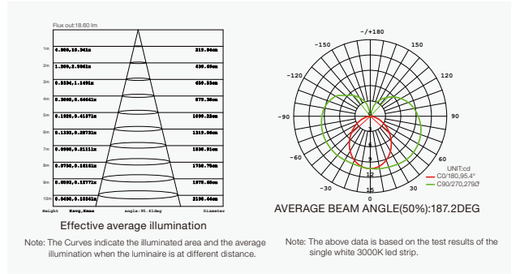
PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Color type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB color	50mm
RGBW color	50mm

Note: Only support factory-customized length, not on-site cutting!

LIGHT DISTRIBUTION CURVE



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

Note: The above data is based on the test results of the single white 3000K led strip.

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-ND25B-W24	2300-2500K	37	5m	75	5m
NS-ND25B-W27	2600-2800K	38	5m	78	5m
NS-ND25B-W30	2900-3100K	40	5m	83	5m
NS-ND25B-W35	3300-3700K	39	5m	82	5m
NS-ND25B-W40	3700-4300K	39	5m	80	5m
NS-ND25B-W50	4700-5300K	37	5m	75	5m

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-ND25B-TW	2300 (WW)	16	5m	33	5m
NS-ND25B-TW	4000 (W)	15	5m	31	5m
NS-ND25B-TW	3000(WW+W)	31	5m	64	5m

RGB COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m) (lm/m)	(max length)	High power(10W/m) (lm/m)	(max length)
NS-ND25B-R	Red(620-630nm)	19	5m	40	5m
NS-ND25B-G	Green(520-530nm)	38	5m	73	5m
NS-ND25B-B	Blue(465-475nm)	4.6	5m	12	5m
NS-ND25B-Y	Yellow(585-595nm)	14	5m	29	5m
NS-ND25B-P	Pink	30	5m	62	5m
NS-ND25B-RGB	RGB	14.4	5m	21	5m
		(16w/m)		CRI(Ra)	
NS-ND25B-RGBW	RGBW	54.4	5m	90	

White color CCT: 2200±100/2700±100/3000±100/4000±200/4500±200

PRODUCT ACCESSORIES INFORMATION

Name: ND25 - Surface mounting with open PC clips
Model: ND25-IA01
Attachment: Transparent PC mounting clips, Tapping screws,Expandable rubber plugs

Name: ND25 - Surface mounting with PC profile
Model: ND25-IA02
Attachment: Transparent PC mounting profile, Tapping screws, Expandable rubber plugs

Name: ND25 -"—" type hanging mounting with open PC clips
Model: ND25-IA03
Attachment: Transparent PC mounting clips, Kit of hanging rope, Screws

Name: ND25 -"—" type hanging mounting with PC profile
Model: ND25-IA04
Atachment: Transparent PC mounting profile, Kit of hanging rope , Screws

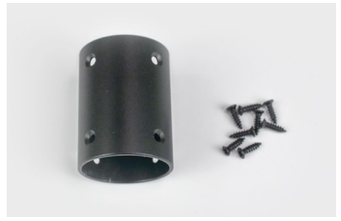
Name: ND25 -"I" type hanging mounting
Model: ND25-IA05
Attachment: Kit of "I" type hanging mounting, Tapping screws,Expandable rubber plugs

Name: ND25-"U" type hanging mounting
Model: ND25-IA06
Attachment: Kit of "I" type hanging mounting Tapping screws, Expandable rubber plugs

PRODUCT ACCESSORIES INFORMATION

Name: ND25 -"I" type hanging mounting with rope
Model: ND25 - IA07
Attachment: Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs

Name: ND25-Connector with side outlet
Model: ND25-IA08
Attachment: Metal connector with side outlet Tapping screws



Name: ND25 - Connector
Model: ND25-IA09
Attachment: Metal connector, Tapping screws

Name: ND25 - Surface mounting with closed PC clips
Model: ND25- IA10
Attachment:"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Tapping screws, Expandable rubber plugs

Name : ND25 -"—"type hanging mounting with closed PC clips
Model : ND25- IA11
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws

Name: R25 - Surface mounting with concealed PC clips
Model: R25-IA12
Attachment: Transparent PC pedestals with two holes,Transparent PC pedestals with five holes, Tapping screws,Tapping screws, Expandable rubber plugs

Name: ND25-"—"type hanging mounting with concealed PC clips
Model: ND25-IA13
Attachment: Transparent PC pedestals with five holes, Tapping screws, Kit of hanging rope, Machine screws

Name: ND25-"—"type adjustable hanging mounting with open PC clips
Model: ND25-IA14
Attachment: Transparent PC mounting clips, Machine screws, Kit of telescopic rod

Name : ND25 -"—"type adjustable hanging mounting with PC profile
Model : ND25-IA15
Attachment: Transparent PC mounting profile, Machine screws , Kit of telescopic rod

PRODUCT ACCESSORIES INFORMATION

Name: ND25 -"—"type adjustable hanging mounting with closed PC clips
Model: ND25-IA16
Attachment: "Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod

Name : ND25 -"—"type adjustable hanging mounting with concealed PC clips
Model : ND25-IA17
Attachment: Transparent PC pedestals with five holes, Tapping screws, Kit of telescopic rod, Machine screws

Name: ND25 side outlet transparent connector
Model: ND25-IA18
Attachment: Screws, PMMA transparent side outlet connector

Name: ND25 side outlet transparent connector with lifting rope
Model: ND25-IA19
Attachment: Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, PMMA transparent side outlet connector

Name: ND25 transparent connector
Mode: ND25-IA20
Attachment: Screws , PMMA transparent connector

Name: ND25 transparent connector with lifting rope
Model: ND25-IA21
Attachment: Screws, Kit of hanging rope Expandable rubber plugs, Tapping screws, PMMA transparent connector

Name: ND25-Horizontal hanging circular tube 1M
Model: ND25-IA22
Attachnent: Screws, Kit of hanging rope Expandable rubber plugs, Tapping screws, PMMA transparent circular tube

Name: ND25-Horizontal hanging circular tube 2M
Model: ND25-IA23
Attachment: Screws, Kit of hanging rope Expandable rubber plugs , Tapping screws, PMMA transparent circular tube ;

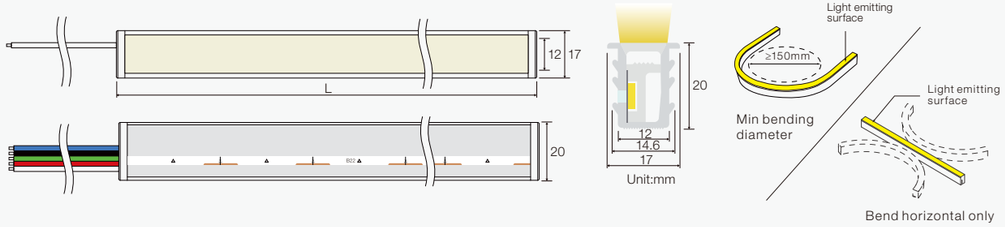
WING-DESIGNED SERIES

This series showcases a seamless design with no installation gaps, offering a perfect fit within any space. Its unique wing design is cost-efficient and integrates smoothly with the surrounding environment.

WING-DESIGNED NEON S1220T 24V SIDE VIEW

- “wing-designed”, no need mounting profiles
- Max length 18 meters with one end power
- Five CCT optional from 2700K to 6000K
- 3 years warranty, working life >30000 hours;

DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Length Range(m)	Final Length(mm)	Tolerance(mm)
0m<Length≤5m	L+6	±7
5m<Length≤10m	L+6	±10
10m<Length≤15m	L+6	±13
15m<Length≤20m	L+6	±16

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S1220T-W24	2350-2550K	10	37.4	374	50	17
NS-S1220T-W27	2600-2800K	10	36.5	365	50	17
NS-S1220T-W30	2850-3150K	10	37.0	370	50	17
NS-S1220T-W40	3800-4200K	10	40.7	407	50	17
NS-S1220T-W60	5600-6100K	10	37.8	378	50	17

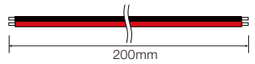
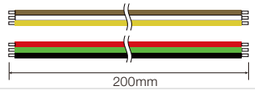
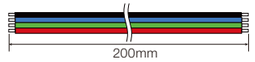
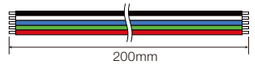
TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S1220T-TW	2600-2800K	5	45.2	226	71.4	5
NS-S1220T-TW	5700-6200K	5	48.2	241	71.4	5
NS-S1220T-TW	3800-4200K	10	46.2	462	71.4	5

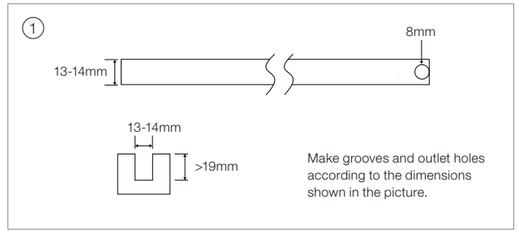
RGBW COLOR PARAMETERS(RGB+4000K)

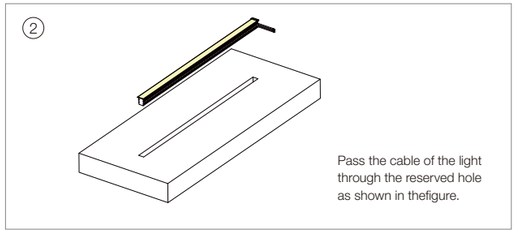
Color(nm)	CRI	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
Red	N/A	2.5	13.6	34	83.33	5
Green	N/A	2.5	53.6	134	83.33	5
Blue	N/A	2.5	11.6	29	83.33	5
4000K	>90	2.5	46.8	117	83.33	5
RGB	N/A	7.5	26.4	198	83.33	5
RGBW	N/A	10	31.6	316	83.33	5

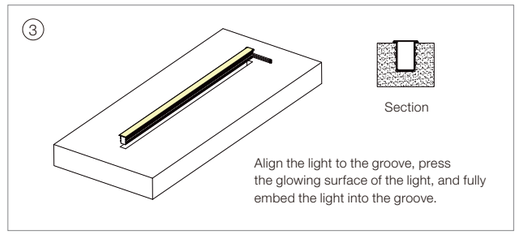
CABLE SPECIFICATION

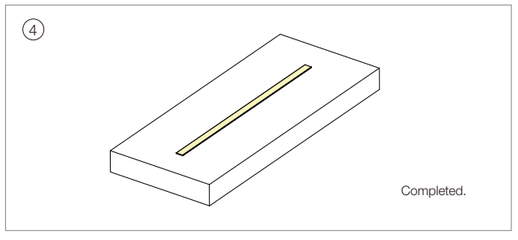
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		20AWG Red& Black2-core Cable	●●	RedV+, BlackV-
		20AWG Brown& White& Yellow 3-core Cable	●○●	Dual-White: BrownV+, WhiteW, YellowWW
		20AWG Red& Green& Black 3-core Cable	●●●	Digital RGB: RedV+, GreenDI, BlackGND
		20AWG Black& Blue& Red& Green 4-core Cable	●●●●	Black V+, Blue B, Red R, Green G
		20AWG Black& White& Blue& Green & Red5-core Cable	●○●●●	Black V+, White W, Blue B, GreenG, Red R
		20AWG Black& White& Blue& Green & Red5-core Cable	●○●●●	DMX512Digital RGB: Black GND, White BI/BO, Blue AI/AO, Green PI/PO, Red V+

INSTALLATION



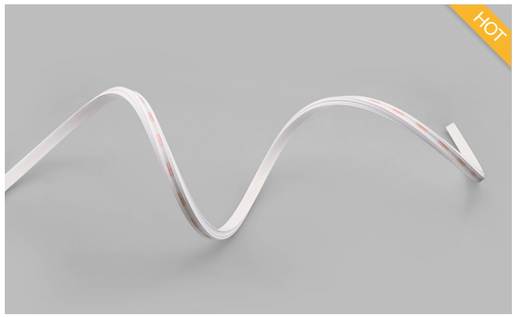




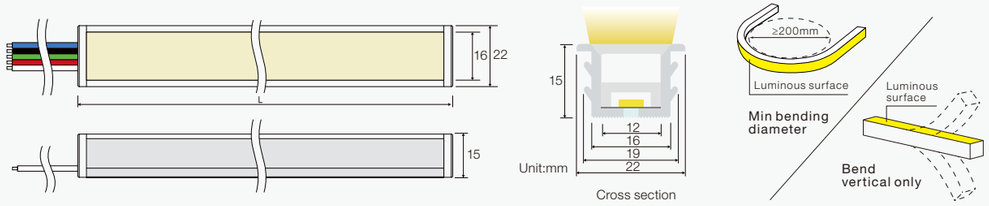


WING-DESIGNED NEON T1615T 24V TOP VIEW

- “wing-designed”, no need mounting profiles
- Max length 18 meters with one end power
- Five CCT optional from 2400K to 6000K
- 3 years warranty, working life >30000 hours;



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Length Range(m)	Final Length(mm)	Tolerance(mm)
0m<Length≤5m	L+6	±7
5m<Length≤10m	L+6	±10
10m<Length≤15m	L+6	±13
15m<Length≤20m	L+6	±16

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1615T-W24	2300-2500K	10	488	48.8	50	17
NS-T1615T-W27	2500-2700K	10	560	56.0	50	17
NS-T1615T-W30	2900-3200K	10	607	60.7	50	17
NS-T1615T-W40	3900-4300K	10	663	66.3	50	17
NS-T1615T-W60	5700-6300K	10	630	63.0	50	17

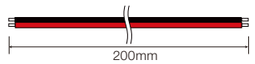
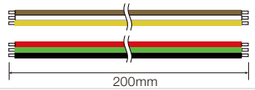
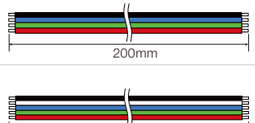
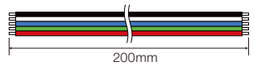
TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1615T-TW	2600-2800K	5	69.6	348	71.4	5
NS-T1615T-TW	6000-6600K	5	73.2	366	71.4	5
NS-T1615T-TW	3700-4300K	10	67.4	674	71.4	5

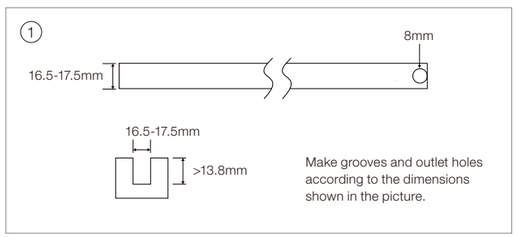
RGBW COLOR PARAMETERS(RGB+4000K)

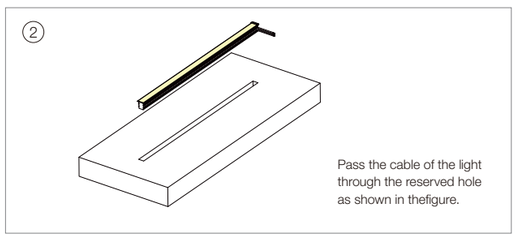
Color(nm)	CRI	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
Red	N/A	2.5	22.0	55	83.33	5
Green	N/A	2.5	87.2	218	83.33	5
Blue	N/A	2.5	18.4	46	83.33	5
4000K	>90	2.5	74.8	187	83.33	5
RGB	N/A	7.5	42.5	319	83.33	5
RGBW	N/A	10	50.3	503	83.33	5

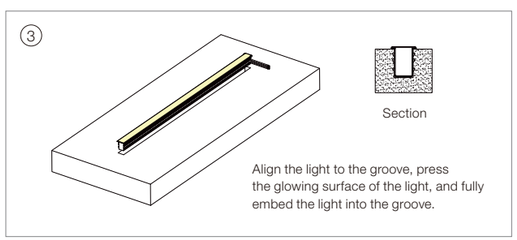
CABLE SPECIFICATION

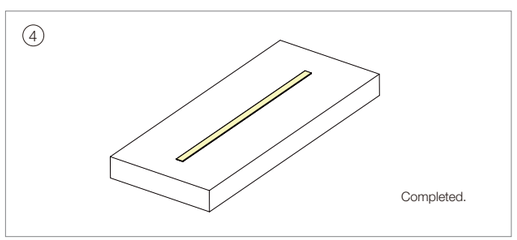
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		20AWG Red& Black2-core Cable	●●	RedV+, BlackV-
		20AWG Brown& White& Yellow 3-core Cable	●○●	Dual-White: BrownV+, WhiteW, YellowWW
		20AWG Red& Green& Black 3-core Cable	●●●	Digital RGB: RedV+, GreenDI, BlackGND
		20AWG Black& Blue&Red& Green 4-core Cable	●●●●	Black V+, Blue B, Red R, Green G
		20AWG Black& White& Blue& Green & Red5-core Cable	●○●●●	Black V+, White W, Blue B, GreenG, Red R
		20AWG Black& White& Blue& Green & Red5-core Cable	●○●●●	DMX512Digital RGB: Black GND, White BI/BO, Blue AI/AO, Green PI/PO, Red V+

INSTALLATION



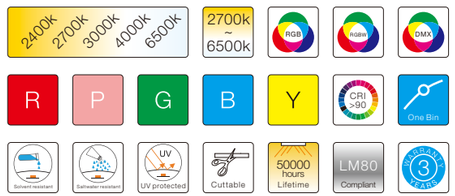




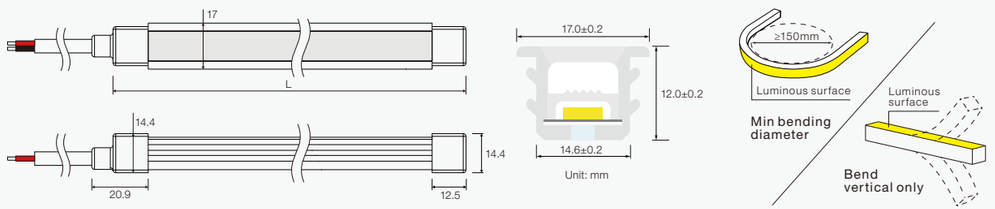


WING-DESIGNED NEON T1212T 24V TOP VIEW

- “wing-designed”, no need mounting profiles
- Max length 18 meters with one end power
- Five CCT optional from 2400K to 6500K
- 3 years warranty, working life >30000 hours;



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Length Range(m)	Final Length(mm)	Tolerance(mm)
0m<Length≤5m	L+6	±7
5m<Length≤10m	L+6	±10
10m<Length≤15m	L+6	±13
15m<Length≤20m	L+6	±16

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1212T-W24	2400K±150	10	48.8	488	50	13
NS-T1212T-W27	2700K±150	10	51.4	514	50	13
NS-T1212T-W30	3000K±150	10	53.6	536	50	13
NS-T1212T-W40	4000K±300	10	57.1	571	50	13
NS-T1212T-W65	6500K±500	10	58.5	585	50	13

SINGLE COLOR PARAMETERS

Part Number	Color(nm)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1212T-R	Red(620-625nm)	10	24.7	247	50	13
NS-T1212T-G	Green(515-525nm)	10	60.3	603	50	13
NS-T1212T-B	Blue(460-465nm)	10	13.7	137	50	13
NS-T1212T-Y	Yellow(585-595nm)	10	17.9	179	50	13
NS-T1212T-O	Orange	10	25.1	251	50	13
NS-T1212T-P	Pink	10	47.3	473	50	13

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1212T-TW	2700K±150	5	53.9	270	62.5	5
NS-T1212T-TW	6500K±500	5	60.4	302	62.5	5
NS-T1212T-TW	4000K $^{+400}_{-200}$	10	57.0	570	62.5	5

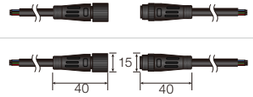
RGB COLOR PARAMETERS

Part Number	Color(nm)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1212T-RGB	Red(620-625nm)	3.3	16.7	55	50	5
NS-T1212T-RGB	Green(515-525nm)	3.3	52.1	172	50	5
NS-T1212T-RGB	Blue(460-465nm)	3.3	9.9	33	50	5
NS-T1212T-RGB	RGB	10	26.5	265	50	5

SPI RGB COLOR PARAMETERS

Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Pixel (pcs/m)	IC Type
NS-T1212T-RGB-WS2811	Red	4.8	13.0	62	100	10	WS2811
NS-T1212T-RGB-WS2811	Green	4.8	39.2	188	100	10	WS2811
NS-T1212T-RGB-WS2811	Blue	4.8	7.1	34	100	10	WS2811
NS-T1212T-RGB-WS2811	RGB	12.5	22.2	277	100	10	WS2811

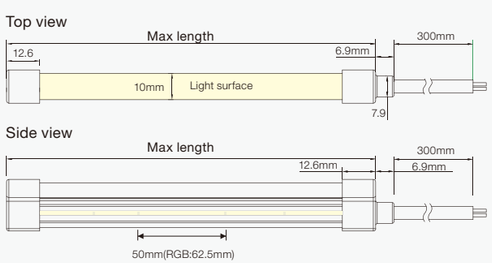
CABLE SPECIFICATION

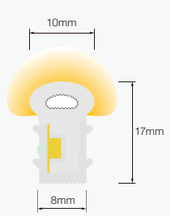
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm / Inner core: 20AWG	●●	Red V+, Black V-
		OD: 5.0mm / Inner core: 20AWG	●○●	Brown V+, White W, Yellow WW
		OD: 5.5mm / Inner core: 20AWG	●●●●	Black V+, Blue B, Green GR, ed R
Waterproof Connector with PVC Cable		OD: 5.0mm / Inner core: 20AWG M12Male / Female connecto	●●	Red V+, Black V-
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto	●○●	Black V+, White W, Yellow WW
		OD: 5.5mm /Inner core: 20AWG M12Male / Female connecto	●●●●	Black V+, Blue B, Green GR, ed R
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto	●●●	SPI: Red V+, Green DI/DO, Black V-

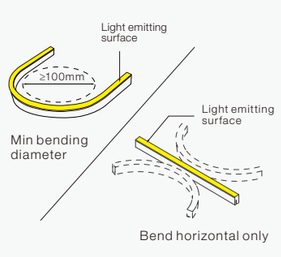
WING-DESIGNED NEON S0817T 24V SIDE VIEW

- “wing-designed”, no need mounting profiles
- Max length 13 meters with one end power
- Six CCT optional from 2700K to 6500K
- 3 years warranty, working life >30000 hours;

DIMENSIONS & WATERPROOF



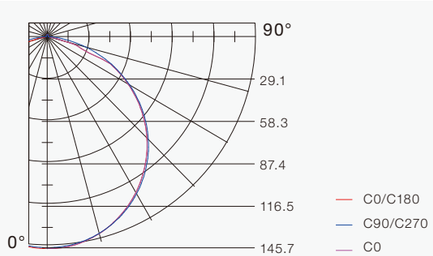




PRODUCT SPECIFICATION

Voltage	DC24 V
Power	10W/M
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color Type	Cutting length(mm)
Single color	50mm
Tunable white	62.5mm
RGB color	50mm
SPI RGB color	100mm

POLAR CURVE (The data base on 10W 6500K)



PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-RS0817-W27	2700K±150	34.0	340	50	17(CC)	CC/CV
NS-RS0817-W30	3000K±150	35.9	359	50	17(CC)	CC/CV
NS-RS0817-W35	3500K±200	36.8	368	50	17(CC)	CC/CV
NS-RS0817-W40	4000K±300	40.5	405	50	17(CC)	CC/CV
NS-RS0817-W50	5000K±400	40.0	408	50	17(CC)	CC/CV
NS-RS0817-W65	6500K±500	39.4	414	50	17(CC)	CC/CV
NS-RS0817-R	Red	18.5	185	50	18(CC)	CC/CV
NS-RS0817-G	Green	45.3	453	50	17(CC)	CC/CV

PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-RS0817-B	Blue	10.5	105	50	17(CC)	CC/CV
NS-RS0817-Y	Yellow	13.8	138	50	18(CC)	CC/CV
NS-RS0817-O	Orange	18.6	186	50	18(CC)	CC/CV
NS-RS0817-P	Pink	34.7	347	50	17(CC)	CC/CV

TUNABLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S0817T-TW	2700K±150	5	35.1	175.3	62.5	5
NS-S0817T-TW	6500K±500	5	39.5	197.5	62.5	5
NS-S0817T-TW	4000K±300	10	37.1	371.4	62.5	5

RGB COLOR PARAMETERS

Part Number	Color(nm)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S0817T-RGB	Red(620-625nm)	3.3	11.1	37	50	5
NS-S0817T-RGB	Green(515-525nm)	3.3	34.3	113	50	5
NS-S0817T-RGB	Blue(460-465nm)	3.3	6.2	20	50	5
NS-S0817T-RGB	RGB	10	17.5	175	50	5

SPI RGB COLOR PARAMETERS

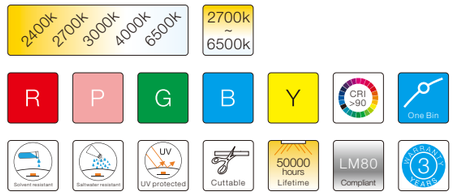
Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Pixel (pcs/m)	IC Type
NS-S0817T-RGB-WS2811	Red	4.8	8.3	40	100	10	WS2811
NS-S0817T-RGB-WS2811	Green	4.8	25.1	121	100	10	WS2811
NS-S0817T-RGB-WS2811	Blue	4.8	4.4	21	100	10	WS2811
NS-S0817T-RGB-WS2811	RGB	12.5	14.2	177	100	10	WS2811

CABLE SPECIFICATION

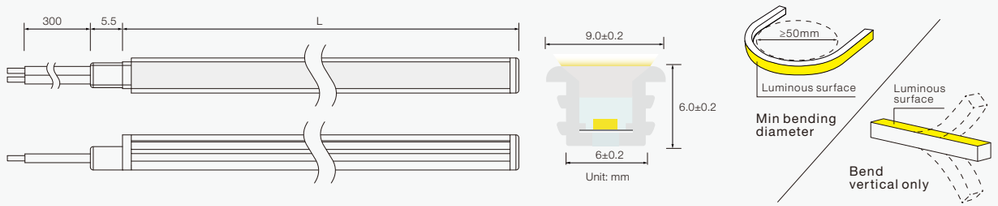
Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm / Inner core: 20AWG	●●	Red V+, Black V-
		OD: 5.0mm / Inner core: 20AWG	●○●	Brown V+, White W, Yellow WW
		OD: 5.5mm / Inner core: 20AWG	●●●●	Black V+, Blue B, Green GR, ed R
Waterproof Connector with PVC Cable		OD: 5.0mm / Inner core: 20AWG M12Male / Female connecto	●●	Red V+, Black V-
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto	●○●	Brown V+, White W, Yellow WW
		OD: 5.5mm /Inner core: 20AWG M12Male / Female connecto	●●●●	Black V+, Blue B, Green GR, ed R
		OD: 5.0mm /Inner core: 20AWG M12Male / Female connecto	●●●	SPI: Red V+, Green DI/DO, Black V-

WING-DESIGNED NEON T0606T 24V TOP VIEW

- “wing-designed”, no need mounting profiles
- Max length 5 meters with one end power
- Five CCT optional from 2400K to 6500K
- 3 years warranty, working life >30000 hours



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~60°C

Length Range(m)	Final Length(mm)	Tolerance(mm)
0m<Length≤5m	L+6	±7
5m<Length≤10m	L+6	±10
10m<Length≤15m	L+6	±13
15m<Length≤20m	L+6	±16

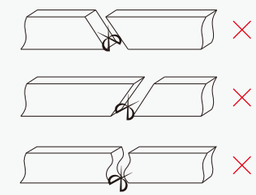
PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T0606T-W24	2400K±150	6	70.2	421.2	25	5
NS-T0606T-W27	2700K±150	6	73.3	439.8	25	5
NS-T0606T-W30	3000K±150	6	73.8	442.8	25	5
NS-T0606T-W40	4000K±300	6	78.4	470.4	25	5
NS-T0606T-W65	6500K±500	6	69.2	415.2	25	5

CUTTING

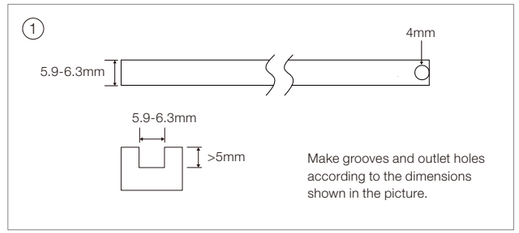
Remark:
The bottom of the led strip has transparent window,the black marker is the cutting position

Use professional scissors to cut vertically at the cutting mark

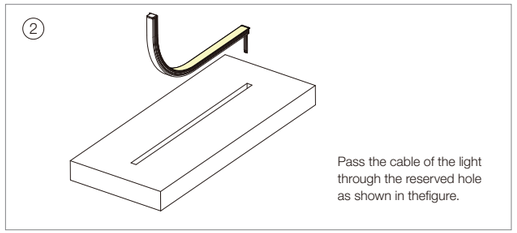


Please don't be feel free to cut and cut into an oblique angle or cambered section.

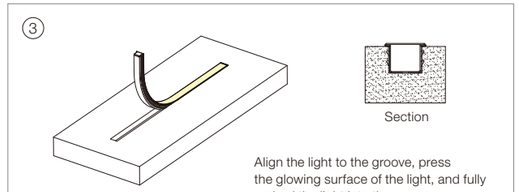
INSTALLATION



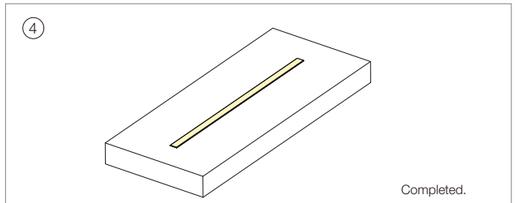
Make grooves and outlet holes according to the dimensions shown in the picture.



Pass the cable of the light through the reserved hole as shown in thefigure.



Align the light to the groove, press the glowing surface of the light, and fully embed the light into the groove.



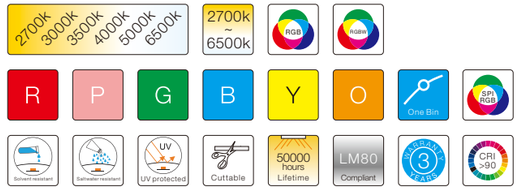
Completed.

DOUBLE-SIDE EMITTING SERIES

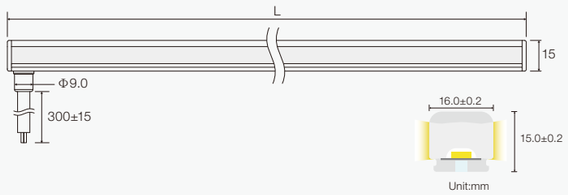
This series of LED neon lights casts illumination in two directions, making it ideal for creating ambient lighting effects. Reinvent your spaces with its unique bi-directional lighting feature.

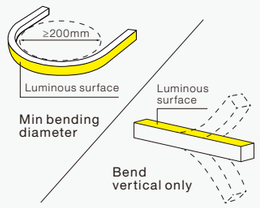
DOUBLE-SIDE EMITTING NEON S1615D 24V

- Regular power 10W/m
- Max length 18 meters with one end power
- Standard silicone end cap
- Six CCT optional from 2700K to 6500K



DIMENSIONS & WATERPROOF





PRODUCT SPECIFICATION

Voltage	DC24 V
Power	10W/M
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color Type	Cutting length(mm)
Single color	50mm
Tunable white	62.5mm
RGB/RGBW color	83.3mm
SPI RGB color	125mm

POLAR CURVE (The data base on 6500K)

PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1615D-W27	2700K±150	60.4	604	50	17(CC)	CC/CV
NS-S1615D-W30	3000K±150	61.7	617	50	17(CC)	CC/CV
NS-S1615D-W35	3500K±150	62.0	620	50	17(CC)	CC/CV
NS-S1615D-W40	4000K $^{+400}_{-200}$	63.8	638	50	17(CC)	CC/CV
NS-S1615D-W50	5000K $^{+500}_{-300}$	63.7	637	50	17(CC)	CC/CV
NS-S1615D-W65	6500K $^{+200}_{-600}$	63.6	636	50	17(CC)	CC/CV
NS-S1615D-R	Red	24.2	242	50	18(CC)	CC/CV
NS-S1615D-G	Green	59.9	599	50	17(CC)	CC/CV
NS-S1615D-B	Blue	12.1	121	50	17(CC)	CC/CV
NS-S1615D-Y	Yellow	18.1	181	50	18(CC)	CC/CV
NS-S1615D-O	Orange	22.4	224	50	18(CC)	CC/CV
NS-S1615D-P	Pink	52.4	524	50	17(CC)	CC/CV

PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1615D-TW	2700K±150	58.7	294	62.5	5	CV
NS-S1615D-TW	6500K±500	63.7	319	62.5	5	CV
NS-S1615D-TW	4000K±300	60.9	609	62.5	5	CV

RGB COLOR PARAMETERS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1615D-RGB	Red	18.6	61	50	5	CV
NS-S1615D-RGB	Green	68.0	224	50	5	CV
NS-S1615D-RGB	Blue	11.4	38	50	5	CV
NS-S1615D-RGB	RGB	32.7	327	50	5	CV

RGBW COLOR PARAMETERS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1615D-RGBW	Red	18.7	62	83.3	5	CV
NS-S1615D-RGBW	Green	70.4	232	83.3	5	CV
NS-S1615D-RGBW	Blue	13.0	43	83.3	5	CV
NS-S1615D-RGBW27	RGB+2700K	42.8	642	83.3	5	CV
NS-S1615D-RGBW30	RGB+3000K	41.7	626	83.3	5	CV
NS-S1615D-RGBW35	RGB+3500K	43.0	645	83.3	5	CV
NS-S1615D-RGBW40	RGB+4000K	43.1	647	83.3	5	CV
NS-S1615D-RGBW50	RGB+5000K	43.8	657	83.3	5	CV
NS-S1615D-RGBW65	RGB+6500K	42.9	644	83.3	5	CV

SPI RGB COLOR PARAMETERS Note: DC24V

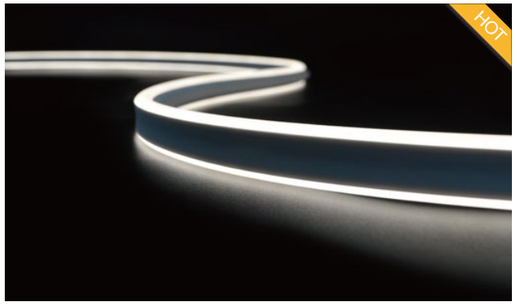
Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Pixel (pcs/m)	IC Type
NS-S1615D-RGB-UCS1903H	Red	5	7.4	37	125	8	UCS1903H
NS-S1615D-RGB-UCS1903H	Green	5	21.3	107	125	8	UCS1903H
NS-S1615D-RGB-UCS1903H	Blue	5	3.7	18	125	8	UCS1903H
NS-S1615D-RGB-UCS1903H	RGB	12	12.8	153	125	8	UCS1903H

SPI RGBW COLOR PARAMETERS Note: DC24V

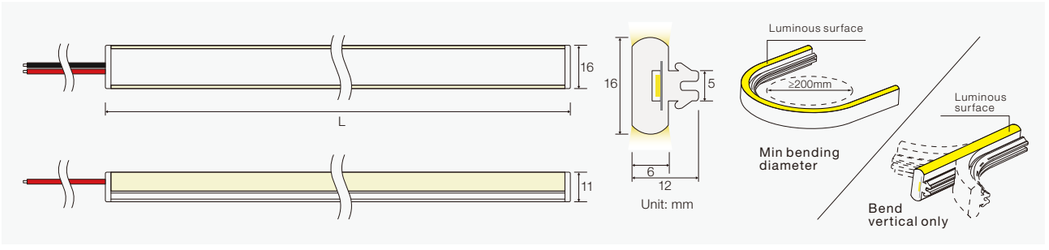
Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Pixel (pcs/m)	IC Type
NS-S1615D-RGBW-UCS2904B	Red	5	7.5	38	125	8	UCS2904B
NS-S1615D-RGBW-UCS2904B	Green	5	21.2	106	125	8	UCS2904B
NS-S1615D-RGBW-UCS2904B	Blue	5	3.8	19	125	8	UCS2904B
NS-S1615D-RGBW-UCS2904B	White	5	31.0	155	125	8	UCS2904B
NS-S1615D-RGBW-UCS2904B	RGBW	15	20.4	306	125	8	UCS2904B

DOUBLE-SIDE EMITTING NEON S1612D 24V

- Regular power 10W/m
- Max length 17 meters with one end power
- Standard silicone end cap
- Six CCT optional from 2400K to 6000K



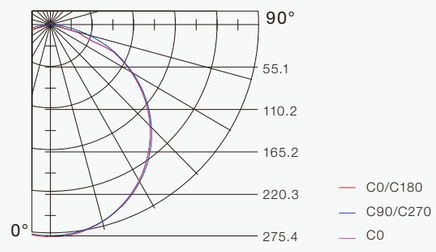
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
Power	10W/M
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color Type	Cutting length(mm)
Single color	50mm
Tunable white	50mm
RGB/RGBW color	62.5mm
SPI RGB color	100mm

POLAR CURVE (The data base on 6500K)



PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1612D-W24	2400K±150	52	520	50	13(CC)	CC/CV
NS-S1612D-W27	2700K±150	52	520	50	13(CC)	CC/CV
NS-S1612D-W30	3000K±150	55	550	50	13(CC)	CC/CV
NS-S1612D-W40	4000K±300	60	600	50	13(CC)	CC/CV
NS-S1612D-W65	6500K±500	55	550	50	13(CC)	CC/CV
NS-S1612D-R	Red	21	210	50	17(CC)	CC/CV
NS-S1612D-G	Green	55	550	50	13(CC)	CC/CV
NS-S1612D-B	Blue	11	110	50	13(CC)	CC/CV
NS-S1612D-Y	Yellow	21	210	50	17(CC)	CC/CV
NS-S1612D-P	Pink	48	480	50	13(CC)	CC/CV

PRODUCT PHOTOMETRICS Note: CV means Constant Voltage, CC means Constant Current.

Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1612D-TW	2700K±150	57	285	62.5	5	CV
NS-S1612D-TW	6500K±500	59	295	62.5	5	CV
NS-S1612D-TW	4000K±300	58	580	62.5	5	CV

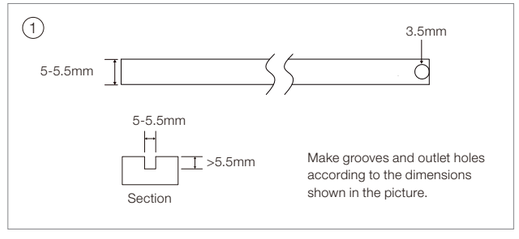
RGB COLOR PARAMETERS Note: CV means Constant Voltage, CC means Constant Current.

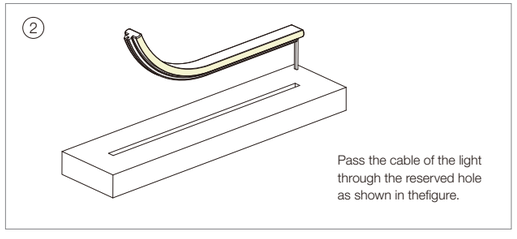
Part Number	CCT (K)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Run Length (m)	Strip Type (CC/CV)
NS-S1612D-RGB	Red	12.50	41.25	50	5	CV
NS-S1612D-RGB	Green	44.00	145.20	50	5	CV
NS-S1612D-RGB	Blue	7.50	24.75	50	5	CV
NS-S1612D-RGB	RGB	22.00	220.00	50	5	CV

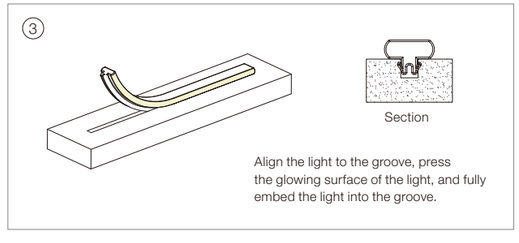
SPI RGB COLOR PARAMETERS Note: DC24V

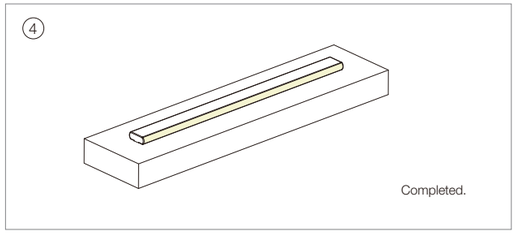
Part Number	CCT (K)	Power (w/m)	Efficiency (lm/w)	Lumen (lm/m)	Unit Length (mm)	Pixel (pcs/m)	IC Type
NS-S1612D-RGB-WS2811	Red	4.8	12.50	41.25	100	8	WS2811
NS-S1612D-RGB-WS2811	Green	4.8	44.00	145.20	100	8	WS2811
NS-S1612D-RGB-WS2811	Blue	4.8	7.50	24.75	100	8	WS2811
NS-S1612D-RGB-WS2811	RGB	12.5	22.00	220.00	100	8	WS2811

INSTALLATION







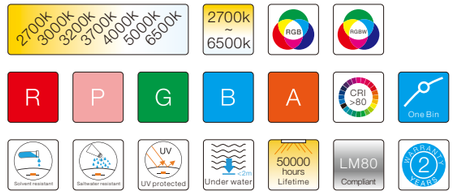


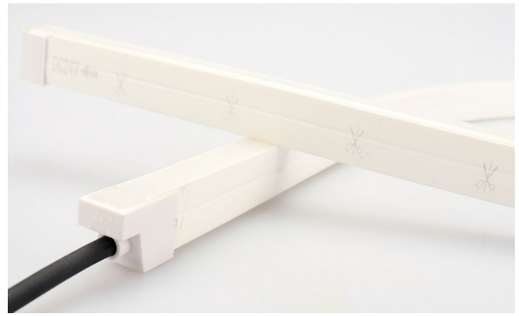
IP68 UNDERWATER SERIES

The IP68 LED neon flex is great for illuminating swimming pools because it's waterproof and resistant to corrosion.

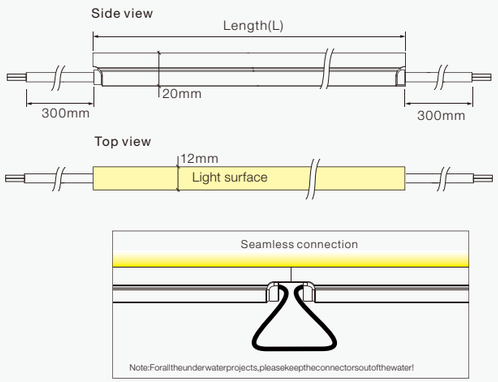
IP68 PU NEON S1220 USED UNDER WATER 24V

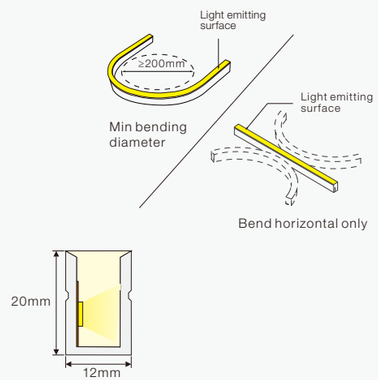
- IP68 polyurethane protected against water, salt water and UV radiation
- Regular power 5W/m, 10W/m and15W/m for option
- Max serial connection length 21 meters with one end power
- Seven CCT optional from 2700K to 6500K, CRI>80





DIMENSIONS & WATERPROOF





PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>80
Ambient temperature	-25°C~60°C

Note:

Customized length (not cutable):

Single color: L_{min}=152.1±11mm; L_{max}=5027±19mm; in 41.7mm increments

Tunable color: L_{min}=177±11mm; L_{max}=5027±19mm; in 50mm increments

RGB/RGBW: L_{min}=241.29±11mm; L_{max}=5027±19mm; in 71.43mm increments

PRODUCT PHOTOMETRICS

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)
NP-S1220-W27	2700K±10%	314	21m	610	13m	906	10m
NP-S1220-W30	3000K±10%	324	21m	630	13m	936	10m
NP-S1220-W32	3200K±10%	324	21m	630	13m	936	10m
NP-S1220-W35	3500K±10%	324	21m	630	13m	936	10m
NP-S1220-W40	4000K±10%	330	21m	640	13m	950	10m
NP-S1220-W50	5000K±10%	330	21m	640	13m	950	10m
NP-S1220-W65	6500K±10%	330	21m	640	13m	950	10m

TUNABLE COLOR PARAMETERS

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)
NP-S1220-TW	2700K±10%	173	8m	334	5m	486	3m
NP-S1220-TW	6500K±10%	169	8m	338	5m	492	3m
NP-S1220-TW	(2700K+6500K)±10%	337	8m	654	5m	952	3m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NP-S1220-R	Red(620-625nm)	94	21m	182	13m	265	10m
NP-S1220-G	Green(515-525nm)	181	21m	352	13m	476	10m
NP-S1220-B	Blue(460-465nm)	43	21m	84	13m	114	10m
NP-S1220-A	Yellow(585-595nm)	94	21m	183	13m	267	10m
NP-S1220-P	Pink	131	21m	254	13m	370	10m
NP-S1220-RGB	RGB	121	8m	235	5m	342	3m
NP-S1220-RGBW	RGBW	264	8m	512	5m	746	3m

ACCESSORY

Mounting accessories

Stainlessmountingclip
15x13.8x12.8mm
(L x W x H)

Aluminumchannel
1000x14.4x21.4mm
(L x W x H)

Bendingstainlessmountingclip
500x26.4x18mm
(L x W x H)

Wire cable

2PIN cable

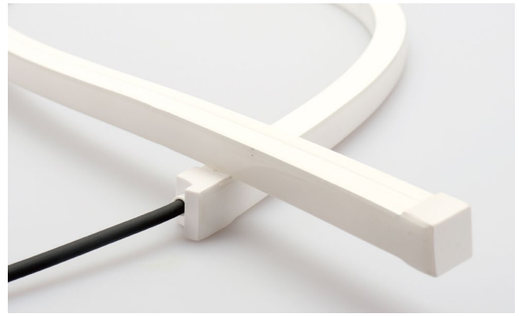
3PIN cable

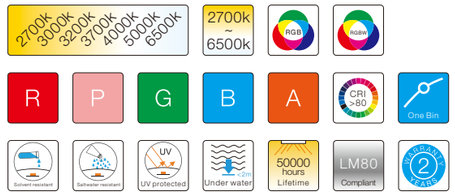
4PIN cable

5PIN cable

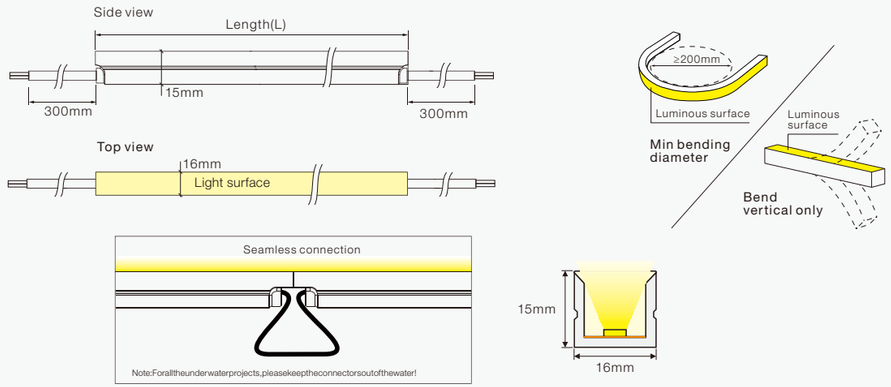
IP68 PU NEON T1615 USED UNDER WATER 24V

- IP68 polyurethane protected against water, salt water and UV radiation
- Regular power 5W/m, 10W/m and15W/m for option
- Max serial connection length 24 meters with one end powel
- Seven CCT optional from 2700K to 6500K, CRI>80





DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>80
Ambient temperature	-25°C~60°C

Note:

Customized length (not cutable):

Single color: L_{min}=152.1±11mm; L_{max}=5027±19mm; in 41.7mm increments

Tunable color: L_{min}=177±11mm; L_{max}=5027±19mm; in 50mm increments

RGB/RGBW: L_{min}=241.29±11mm; L_{max}=5027±19mm; in 71.43mm increments

PRODUCT PHOTOMETRICS

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)
NP-T1615-W27	2700K±10%	498	24m	776	15m	1030	11m
NP-T1615-W30	3000K±10%	516	24m	785	15m	1146	11m
NP-T1615-W32	3200K±10%	496	24m	851	15m	1120	11m
NP-T1615-W37	3700K±10%	540	24m	889	15m	1188	11m
NP-T1615-W40	4000K±10%	564	24m	898	15m	1236	11m
NP-T1615-W50	5000K±10%	537	24m	887	15m	1204	11m
NP-T1615-W65	6500K±10%	513	24m	870	15m	1139	11m

TUNABLE COLOR PARAMETERS

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)
NP-T1615-TW	2700K±10%	276	22m	432	15m	583	11m
NP-T1615-TW	6500K±10%	278	22m	435	15m	588	11m
NP-T1615-TW	(2700K+6500K)±10%	544	22m	850	15m	1136	11m

RGB & RGBW COLOR PARAMETERS

Part Number	Color(nm)	Low power(5W/m)		Medium power(10W/m)		High power(15W/m)	
		(lm/m)	(max length)	(lm/m)	(max length)	(lm/m)	(max length)
NP-T1615-R	Red(620-625nm)	159	24m	253	15m	340	11m
NP-T1615-G	Green(515-525nm)	382	24m	507	15m	615	11m
NP-T1615-B	Blue(460-465nm)	94	24m	133	15m	152	11m
NP-T1615-A	Yellow(585-595nm)	163	24m	239	15m	355	11m
NP-T1615-P	Pink	263	24m	412	15m	557	11m
NP-T1615-RGB	RGB	262	8m	411	5m	555	3m
NP-T1615-RGBW	RGBW	436	8m	673	5m	860	3m

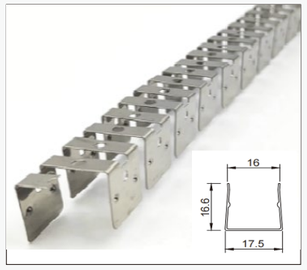
ACCESSORY

Mounting accessories

Stainlessmountingclip
15x18x10.1mm
(L x W x H)

Aluminumchannel
1000x19.2x17.8mm
(L x W x H)

Curved Stainless Steel mounting profile

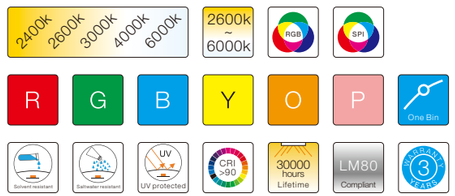


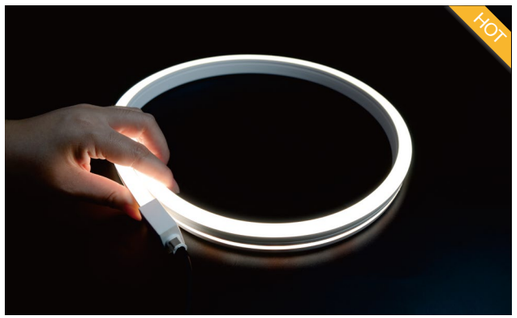
Wire cable

2PIN cable | 3PIN cable | 4PIN cable | 5PIN cable

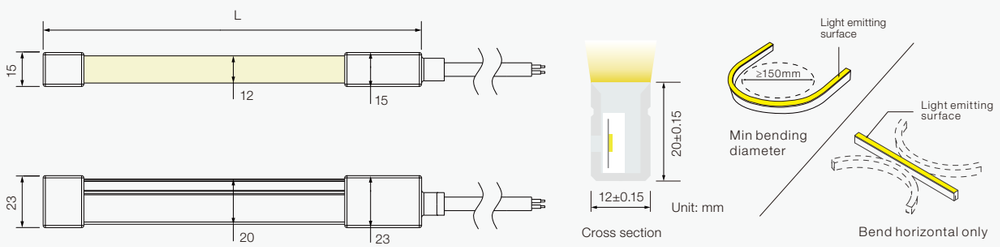
IP68 SILICONE NEON S1220 USED UNDER WATER 24V

- Made of Dow Chemical SILASTIC™ ET-7021 silicone, higher transparency and strength
- Integrated extrusion process, constant current IC design, 15m for one end power feed
- IP68 protection level, Chlorination resistant, can be used in swimming pool
- 3 years warranty, working life ≥30000 hours





DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Length Range(m)	Final Length(mm) Outlet from one end only	Outlet from both ends	Tolerance(mm)
0m<Length≤5m	L+19	L+30	±9
5m<Length≤10m	L+19	L+30	±13
10≤L≤15	L+19	L+30	±15

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S1220-W24	2250-2550K	10	29.0	290.0	50	15
NS-S1220-W26	2450-2750K	10	24.2	242.0	50	15
NS-S1220-W30	2850-3150K	10	28.5	285.0	50	15
NS-S1220-W40	3700-4300K	10	27.2	272.0	50	15
NS-S1220-W60	5600-6400K	10	28.1	281.0	50	15

SINGLE COLOR PARAMETERS

Part Number	Color(nm)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S1220-R	Red(620-625nm)	10	13.9	139.0	50	15
NS-S1220-G	Green(515-525nm)	10	27.5	275.0	50	15
NS-S1220-B	Blue(460-465nm)	10	5.4	53.5	50	15
NS-S1220-Y	Yellow(585-595nm)	10	11.3	113.0	50	15
NS-S1220-O	Orange	10	12.2	122.0	50	15
NS-S1220-P	Pink	10	24.2	242.0	50	15

SINGLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-S1220-TW	2450-2750K	5	28.0	140.0	62.5	5
NS-S1220-TW	5600-6400K	5	29.0	145.0	62.5	5
NS-S1220-TW	3600-4200K	10	28.5	285.0	62.5	5

RGB COLOR PARAMETERS

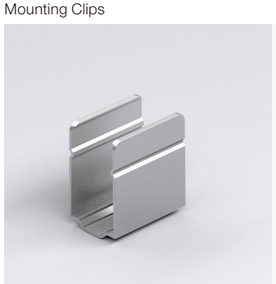
CCT(K)	CRI	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
R	-	3.3	11.0	36.3	83.33	5
G	-	3.3	39.3	129.7	83.33	5
B	-	3.3	7.4	24.4	83.33	5
RGB	-	10	19.0	190.0	83.33	5

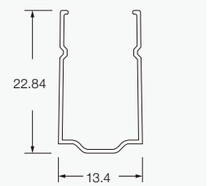
DIGITAL RGB COLOR PARAMETERS

Voltage(v)	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Pixel(PCS)	Signal Type	IC Model	Unit Length(mm)
24	R	4.8	10.6	50.9	8	SPI	UCS1903	125
24	G	4.8	26.3	126.2	8	SPI	UCS1903	125
24	B	4.8	4.7	22.6	8	SPI	UCS1903	125
24	RGB	11.5	17.4	200.1	8	SPI	UCS1903	125

ACCESSORY

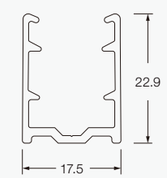
Mounting Clips





Dimension: 20x13.4x22.84mm
Accessories: Screw M3x15mm

Aluminium Profile

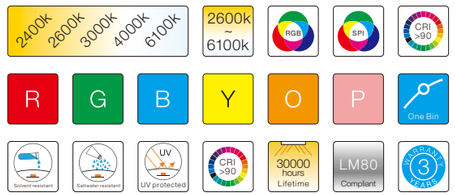


Dimension: 1000(±5)x17.5x22.9mm
Accessories: Screw M3x15mm

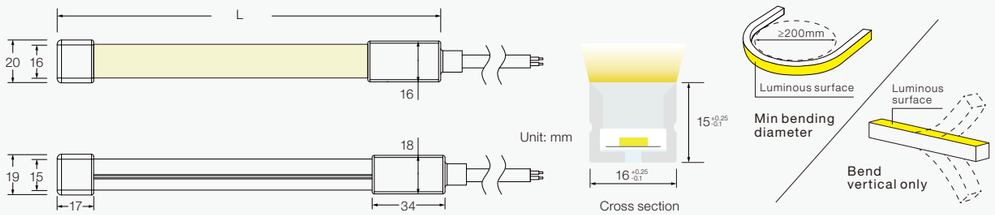
⚠ Aluminum profiles cannot be used in swimming pools.

IP68 SILICONE NEON T1615 USED UNDER WATER 24V

- Made of Dow Chemical SILASTIC™ ET-7021 silicone, higher transparency and strength
- Integrated extrusion process, constant current IC design, 15m for one end power feed
- IP68 protection level, Chlorination resistant, can be used in swimming pool
- 3 years warranty, working life ≥30000 hours



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C

Length Range(m)	Final Length(mm) Outlet from one end only	Outlet from both ends	Tolerance(mm)
0m<Length≤5m	L+19	L+30	±9
5m<Length≤10m	L+19	L+30	±13
10≤L≤15	L+19	L+30	±15

PRODUCT PHOTOMETRICS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1615-W24	2250-2550K	10	37.0	370.0	50	15
NS-T1615-W26	2450-2750K	10	37.0	370.0	50	15
NS-T1615-W30	2850-3150K	10	37.5	375.0	50	15
NS-T1615-W40	3700-4300K	10	41.0	410.0	50	15
NS-T1615-W61	5700-6500K	10	37.5	375.0	50	15

SINGLE COLOR PARAMETERS

Part Number	Color(nm)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1615-R	Red(620-625nm)	10	17.4	174.0	50	15
NS-T1615-G	Green(515-525nm)	10	48.9	489.0	50	15
NS-T1615-B	Blue(460-465nm)	10	8.9	89.0	50	15
NS-T1615-Y	Yellow(585-595nm)	10	17.8	178.0	50	15
NS-T1615-O	Orange	10	18.4	184.0	50	15
NS-T1615-P	Pink	10	43.7	437.0	50	15

SINGLE COLOR PARAMETERS

Part Number	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
NS-T1615-TW	2450-2750K	5	48.0	240.0	71.4	5
NS-T1615-TW	5700-6500K	5	50.0	250.0	71.4	5
NS-T1615-TW	3700-4300K	10	49.0	490.0	71.4	5

RGB COLOR PARAMETERS

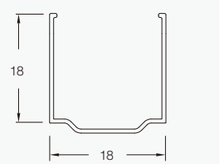
CCT(K)	CRI	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Unit Length(mm)	Max Run Length(m)
R	-	3.3	16.5	54.45	71.4	5
G	-	3.3	61.0	201.3	71.4	5
B	-	3.3	12.0	39.6	71.4	5
RGB	-	10	29.5	295.0	71.4	5

DIGITAL RGB COLOR PARAMETERS

Voltage(v)	CCT(K)	Power(w/m)	Efficiency(lm/w)	Lumen(lm/m)	Pixel(PCS)	Signal Type	IC Model	Unit Length(mm)
24	R	4.8	15.3	73.5	8	SPI	UCS1903	125
24	G	4.8	37.9	182.0	8	SPI	UCS1903	125
24	B	4.8	6.8	33.0	8	SPI	UCS1903	125
24	RGB	11.5	25.0	288.0	8	SPI	UCS1903	125

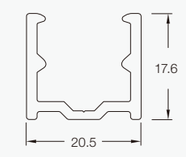
ACCESSORY

Mounting Clips



Dimension: 20x18x18mm
Accessories: Screw M3x15mm

Aluminium Profile



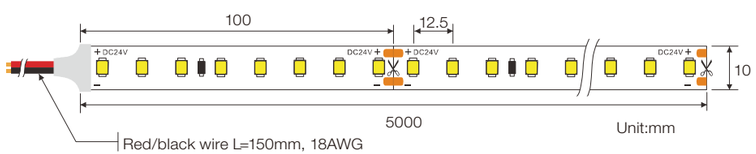
Dimension: 1000(±5)x20.5x17.6mm
Accessories: Screw M3x15mm

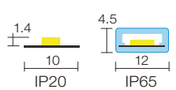
⚠ Aluminum profiles cannot be used in swimming pools.

NEW ERP STRIP SERIES

Introducing the New ErP Series, encompassing LED Strip and LED Neon, all meticulously crafted to align with the latest ErP Regulations. With the energy efficiency class able to reach up to Level C, this series represents the ideal solution for environmentally-conscious lighting projects.

ErP STRIP 24V 4.8W CRI80 2835 80LED/M **CLASS D**





BASIC PARAMETERS

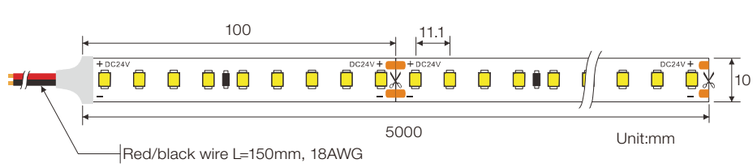
LED Type	SMD2835
LED QTY/M	80
Input Voltage	24VDC
Max.run length	5000mm
CRI/R9	>80/>0

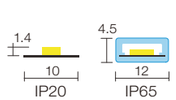
SDCM	<6
Survival factor	0.9
Lumen maintenance factor	0.96
Working energy consumption (kwh/1000h) 0.5m	2.4

PHOTO-ELECTRIC PARAMETERS

CCT	Chromaticity coordinates (x and y)	IP	Dimensions (L*W*H) mm	Power (W/M)	Power (W/0.5M)	Ponmax (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	x=0.4685 y=0.4212	IP20 IP65	5000*10*1.4	4.8	2.4	2.4	331.20	138	E
3000K	x=0.4685 y=0.4212					2.4	333.60	139	E
4000K	x=0.4408 y=0.4010					2.4	357.60	149	D
6500K	x=0.4408 y=0.4010					2.4	352.80	147	D

ErP STRIP 24V 4.5W CRI80 2835 90LED/M **CLASS C**





BASIC PARAMETERS

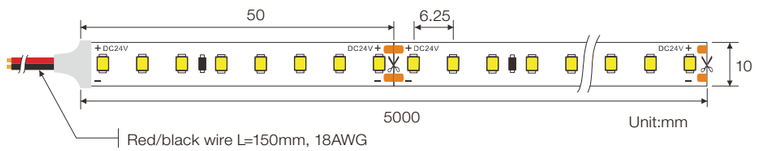
LED Type	SMD2835
LED QTY/M	90
Input Voltage	24VDC
Max.run length	5000mm
CRI/R9	>80/>0

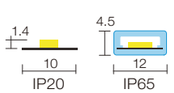
SDCM	<6
Survival factor	0.9
Lumen maintenance factor	0.96
Working energy consumption (kwh/1000h) 0.5m	2.25

PHOTO-ELECTRIC PARAMETERS

CCT	Chromaticity coordinates (x and y)	IP	Dimensions (L*W*H) mm	Power (W/M)	Power (W/0.5M)	Ponmax (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	x=0.4704 y=0.4208	IP20 IP65	5000*10*1.4	4.5	2.25	2.25	378.00	168	D
3000K	x=0.4415 y=0.4014					2.13	373.75	175	C
4000K	x=0.3846 y=0.3828					2.24	411.75	183	C
6500K	x=0.3168 y=0.3421					2.24	384.75	171	D

ErP STRIP 24V 9.6W CRI80 2835 160LED/M **CLASS D**





BASIC PARAMETERS

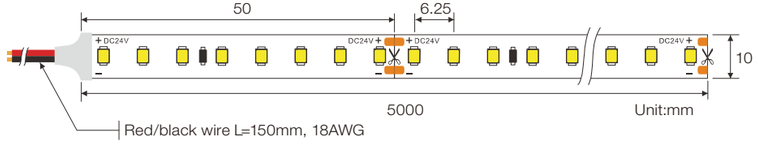
LED Type	SMD2835
LED QTY/M	160
Input Voltage	24VDC
Max.run length	5000mm
CRI/R9	>80/>0

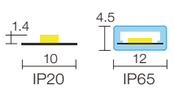
SDCM	<6
Survival factor	0.9
Lumen maintenance factor	0.96
Working energy consumption (kwh/1000h) 0.5m	4.8

PHOTO-ELECTRIC PARAMETERS

CCT	Chromaticity coordinates (x and y)	IP	Dimensions (L*W*H) mm	Power (W/M)	Power (W/0.5M)	Ponmax (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	x=0.4673 y=0.4205	IP20 IP65	5000*10*1.4	9.6	4.8	2.4	652.80	136	E
3000K	x=0.4413 y=0.4015					2.4	657.60	137	E
4000K	x=0.3860 y=0.3850					2.4	710.40	148	D
6500K	x=0.3170 y=0.3383					2.4	686.40	143	E

ErP STRIP 24V 14.4W CRI80 2835 160LED/M **CLASS C**





BASIC PARAMETERS

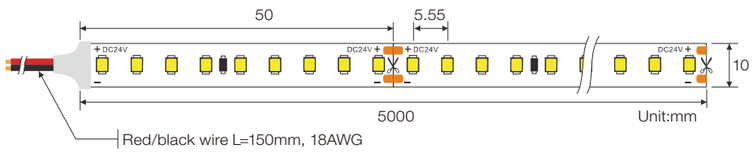
LED Type	SMD2835
LED QTY/M	160
Input Voltage	24VDC
Max.run length	5000mm
CRI/R9	>80/>0

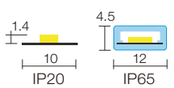
SDCM	<6
Survival factor	0.9
Lumen maintenance factor	0.96
Working energy consumption (kwh/1000h) 0.5m	7.2

PHOTO-ELECTRIC PARAMETERS

CCT	Chromaticity coordinates (x and y)	IP	Dimensions (L*W*H) mm	Power (W/M)	Power (W/0.5M)	Ponmax (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	x=0.4669 y=0.4199	IP20 IP65	5000*10*1.4	14.4	7.2	7.2	993.60	138	E
3000K	x=0.4411 y=0.4013					7.2	993.60	138	E
4000K	x=0.3863 y=0.3861					7.2	1072.80	149	D
6500K	x=0.3177 y=0.3393					7.2	1051.20	146	E

ErP STRIP 24V 9W CRI80 2835 180LED/M **CLASS C**





BASIC PARAMETERS

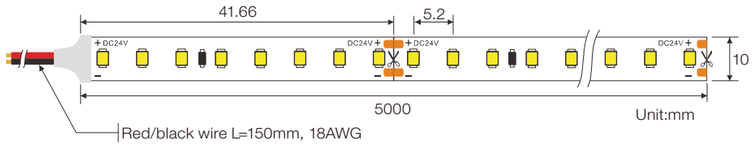
LED Type	SMD2835
LED QTY/M	180
Input Voltage	24VDC
Max.run length	5000mm
CRI/R9	>80/>0

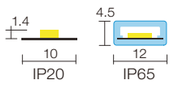
SDCM	<6
Survival factor	0.9
Lumen maintenance factor	0.96
Working energy consumption (kwh/1000h) 0.5m	4.5

PHOTO-ELECTRIC PARAMETERS

CCT	Chromaticity coordinates (x and y)	IP	Dimensions (L*W*H) mm	Power (W/M)	Power (W/0.5M)	Ponmax (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	x=0.4705 y=0.4209	IP20 IP65	5000*10*1.4	9	4.5	4.5	760.50	169	D
3000K	x=0.4412 y=0.4010					4.5	810.00	180	C
4000K	x=0.3835 y=0.3827					4.5	828.00	184	C
6500K	x=0.3170 y=0.3424					4.5	769.50	171	D

ErP STRIP 24V 14.4W CRI80 2835 192LED/M **CLASS C**





BASIC PARAMETERS

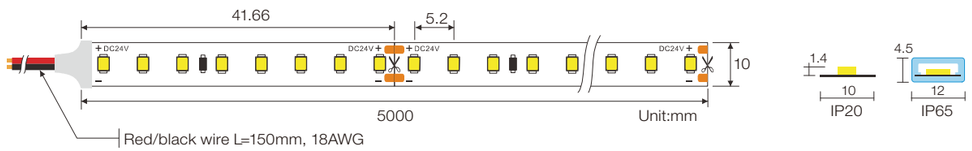
LED Type	SMD2835
LED QTY/M	192
Input Voltage	24VDC
Max.run length	5000mm
CRI/R9	>80/>0

SDCM	<6
Survival factor	0.9
Lumen maintenance factor	0.96
Working energy consumption (kwh/1000h) 0.5m	7.2

PHOTO-ELECTRIC PARAMETERS

CCT	Chromaticity coordinates (x and y)	IP	Dimensions (L*W*H) mm	Power (W/M)	Power (W/0.5M)	Ponmax (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	x=0.4670 y=0.4199	IP20 IP65	5000*10*1.4	14.4	7.2	7.2	993.60	138	E
3000K	x=0.4401 y=0.4005					7.2	993.60	138	E
4000K	x=0.3861 y=0.3855					7.2	1080.00	150	D
6500K	x=0.3169 y=0.3383					7.2	1051.20	146	E

ErP STRIP 24V 19.2W CRI80 2835 192LED/M **CLASS D**



BASIC PARAMETERS

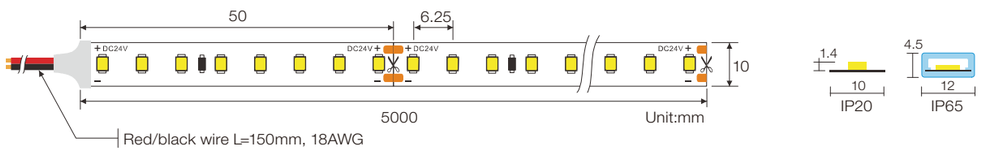
LED Type	SMD2835
LED QTY/M	192
Input Voltage	24VDC
Max.run length	5000mm
CRI/R9	>80/>0

SDCM	<6
Survival factor	0.9
Lumen maintenance factor	0.96
Working energy consumption (kwh/1000h) 0.5m	9.6

PHOTO-ELECTRIC PARAMETERS

CCT	Chromaticity coordinates (x and y)	IP	Dimensions (L*W*H) mm	Power (W/M)	Power (W/0.5M)	Ponmax (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	x=0.4671 y=0.4203	IP20 IP65	5000*10*1.4	19.2	9.6	9.6	1315.20	137	E
3000K	x=0.4403 y=0.4007					9.6	1315.20	137	E
4000K	x=0.3863 y=0.3857					9.6	1420.80	148	D
6500K	x=0.3168 y=0.3374					9.6	1382.40	144	E

ErP STRIP 24V 14.4W CRI90 2835 160LED/M **CLASS F**



BASIC PARAMETERS

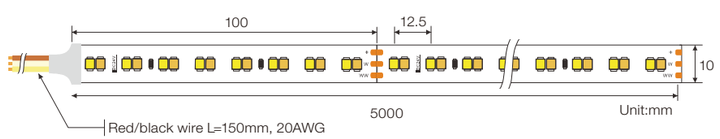
LED Type	SMD2835
LED QTY/M	160
Input Voltage	24VDC
Max.run length	5000mm
CRI/R9	>90/>0

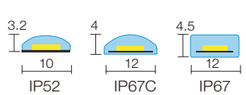
SDCM	<6
Survival factor	0.9
Lumen maintenance factor	0.96
Working energy consumption (kwh/1000h) 0.5m	7.2

PHOTO-ELECTRIC PARAMETERS

CCT	Chromaticity coordinates (x and y)	IP	Dimensions (L*W*H) mm	Power (W/M)	Power (W/0.5M)	Ponmax (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	x=0.4672 y=0.4179	IP20 IP65	5000*10*1.4	14.4	7.2	7.2	705.60	98	F
3000K	x=0.4427 y=0.4037					7.2	756.00	105	F
4000K	x=0.3796 y=0.3778					7.2	784.80	109	F
6500K	x=0.3155 y=0.3393					7.2	806.40	112	F

ErP STRIP TW 24V 14.4W CRI90 2835 160LED/M **CLASS F**





BASIC PARAMETERS

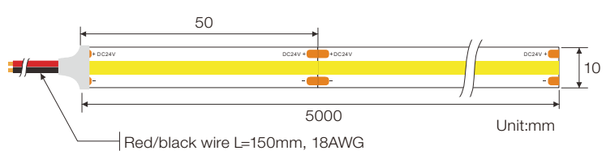
LED Type	SMD2835
LED QTY/M	160
Input Voltage	24VDC
Max.run length	5000mm
CRI/R9	>90/>0

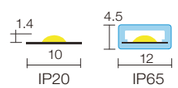
SDCM	<6
Survival factor	0.9
Lumen maintenance factor	0.96
Working energy consumption (kwh/1000h) 0.5m	7.2

PHOTO-ELECTRIC PARAMETERS

CCT	Chromaticity coordinates (x and y)	IP	Dimensions (L*W*H) mm	Power (W/M)	Power (W/0.5M)	Ponmax (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	x=0.4662 y=0.4227	IP52 IP67C IP67	5000*10*1.4	14.4	7.2	3.6	342.00	95	F
6500K	x=0.3127 y=0.3372					3.6	399.60	111	F

ErP STRIP 24V 10W CRI90 COB 480CHIP/M **CLASS F**





BASIC PARAMETERS

LED Type	SMD2835
LED QTY/M	160
Input Voltage	24VDC
Max.run length	5000mm
CRI/R9	>90/>0

SDCM	<6
Survival factor	0.9
Lumen maintenance factor	0.96
Working energy consumption (kwh/1000h) 0.5m	5

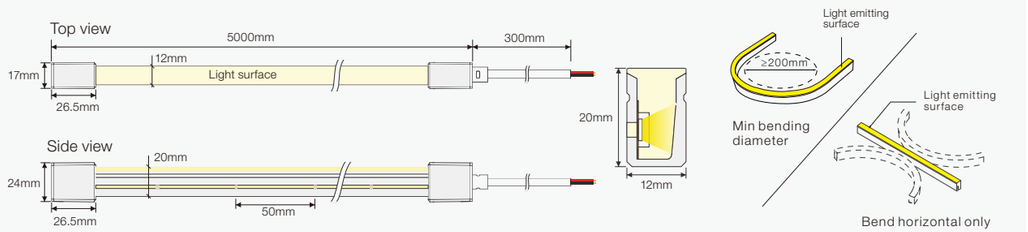
PHOTO-ELECTRIC PARAMETERS

CCT	Chromaticity coordinates (x and y)	IP	Dimensions (L*W*H) mm	Power (W/M)	Power (W/0.5M)	Ponmax (W/0.5M)	(LM/0.5M)	efficiency (LM/W)	Energy efficiency class
2700K	x=0.4579 y=0.4132	IP20 IP65	5000*10*1.4	10	5	5	415.00	83	G
3000K	x=0.4344 y=0.4058					5	460.00	92	F
4000K	x=0.3898 y=0.3937					5	520.00	104	F
6500K	x=0.3174 y=0.3378					5	475.00	95	F

ErP STRIP SIDE VIEW 1220 24V 9.6W CRI80 **CLASS G**

- 24V, 9.6W/m, CRI80, Energy Efficiency Class G
- Max length 5 meters with one end power
- Soldering-free end silicone end cap
- Four CCT optional from 2700K to 6500K

DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	24VDC
Power	9.6W/m
CRI/Ra	>80
Beam Angle	120°
MacAdam Ellipse	<6

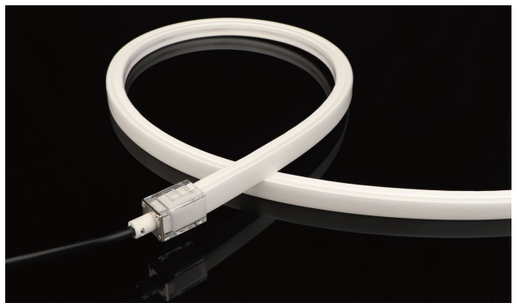
Ambient temperature	-25°C~45°C
Survival Factor LED	0.9
Lumen Maintenance Factor	0.96

PRODUCT PHOTOMETRICS

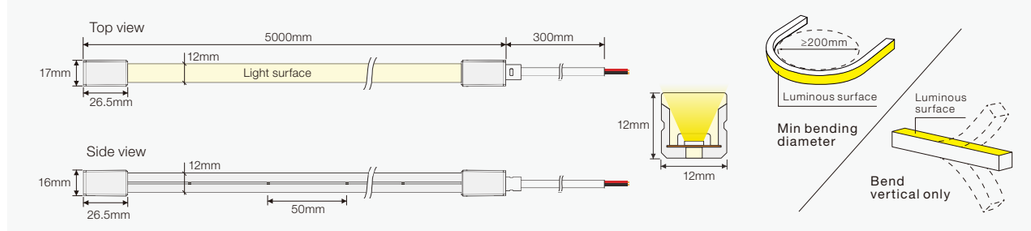
Part Number	CCT	Chromaticity coordinates (x and y)	LM/0.5M	Ponmax (W/0.5M)	efficiency (LM/W)	Energy efficiency class
NS-S1220-W27-ErP	2700K	x=0.4655 y=0.4187	417.60	4.8	87	G
NS-S1220-W30-ErP	3000K	x=0.4448 y=0.4048	432.00	4.8	90	G
NS-S1220-W40-ErP	4000K	x=0.3855 y=0.3884	441.60	4.8	92	G
NS-S1220-W65-ErP	6500K	x=0.3188 y=0.3468	417.60	4.8	87	G

ErP STRIP TOP VIEW 1212 24V 9.6W CRI80 **CLASS F**

- 24V, 9.6W/m, CRI80, Energy Efficiency Class F
- Max length 5 meters with one end power
- Soldering-free end silicone end cap
- Four CCT optional from 2700K to 6500K



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	24VDC
Power	9.6W/m
CRI/Ra	>80
Beam Angle	120°
MacAdam Ellipse	<6

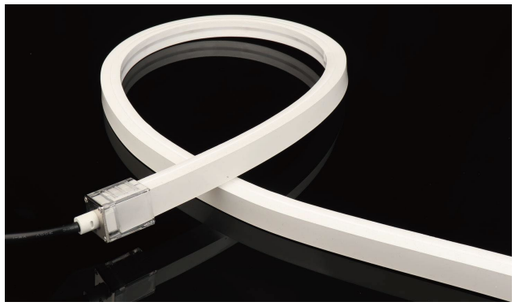
Ambient temperature	-25°C~45°C
Survival Factor LED	0.9
Lumen Maintenance Factor	0.96

PRODUCT PHOTOMETRICS

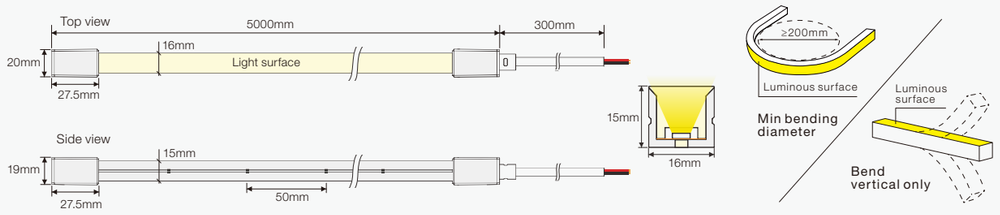
Part Number	CCT	Chromaticity coordinates (x and y)	LM/0.5M	Ponmax (W/0.5M)	efficiency (LM/W)	Energy efficiency class
NS-T1212-W27-ErP	2700K	x=0.4664 y=0.4195	518.40	4.8	108	F
NS-T1212-W30-ErP	3000K	x=0.4431 y=0.4015	542.40	4.8	113	F
NS-T1212-W40-ErP	4000K	x=0.3849 y=0.3825	556.80	4.8	116	F
NS-T1212-W65-ErP	6500K	x=0.3173 y=0.3436	552.00	4.8	115	F

ErP STRIP TOP VIEW 1615 24V 9.6W CRI80 **CLASS F**

- 24V, 9.6W/m, CRI80, Energy Efficiency Class F
- Max length 5 meters with one end power
- Soldering-free end silicone end cap
- Four CCT optional from 2700K to 6500K



DIMENSIONS & WATERPROOF



ELECTRICAL PARAMETER

Voltage	24VDC
Power	9.6W/m
CRI/Ra	>80
Beam Angle	120°
MacAdam Ellipse	<6

Ambient temperature	-25°C~45°C
Survival Factor LED	0.9
Lumen Maintenance Factor	0.96

PRODUCT PHOTOMETRICS

Part Number	CCT	Chromaticity coordinates (x and y)	LM/0.5M	Ponmax (W/0.5M)	efficiency (LM/W)	Energy efficiency class
NS-T1615-W27-ErP	2700K	x=0.4630 y=0.4186	528.00	4.8	110	F
NS-T1615-W30-ErP	3000K	x=0.4364 y=0.3998	528.00	4.8	110	F
NS-T1615-W40-ErP	4000K	x=0.3756 y=0.3720	537.60	4.8	112	F
NS-T1615-W65-ErP	6500K	x=0.3107 y=0.3366	528.00	4.8	110	F

LED ACCESSORY

The LED accessory series is a collection of components that can be used with LED strip lights, including LED controllers, power supplies, aluminum extrusions, connectors, and 3M double-sided tape.

These accessories provide a versatile and comprehensive solution for enhancing the performance and appearance of LED strip lights.

LED CONTROLLER

SINGLE COLOR CONTROLLER

Type: Controller
Model:LY-V1-L
Voltage:DC12V / DC24V
Current:<15A
Power:12V<180W,
24V<360W
Size:175x45x27mm

Type: Touch Pad Remote
Model:LY-T11(T11-K)
Voltage: AC100~240V
Power:<1W
Size:86x86x33(49)mm

Type: Hand-held Remote
Model:LY-RT1
Battery: AAA*2pcs
Current:5mA
Size:122x53x17.5mm

TUNABLE WHITE CONTROLLER

Type: Controller
Model:LY-V2-L
Voltage:DC12~36V
Current:2*8A
Power:<2*(96W,
192W, 384W)
Size:170x50x23mm

Type: Touch Pad Remote
Model:LY-T12(T12-K)
Voltage: AC100~240V
Power:<1W
Size:86x86x33(49)mm

Type: Hand-held Remote
Model:LY-RT2
Battery: AAA*2pcs
Current:5mA
Size:122x53x17.5mm

RGB CONTROLLER

Type: Controller
Model:LY-V3-L
Voltage:DC12~36V
Current:3*6A
Power:<3*(72W,
144W, 216W)
Size:175x45x27mm

TType: Touch Pad Remote
Model:LY-T13(T13-K)
Voltage: AC100~240V
Power:<1W
Size:86x86x33(49)mm

Type: Hand-held Remote
Model:LY-RT4(RT9)
Battery: AAA*2pcs
Current:5mA
Size:122x53x17.5mm

RGBW CONTROLLER

Type: Controller
Model:LY-V4
Voltage:DC12V/DC24V
Current:3*5A
Power:12V<180W,
24V<360W
Size:175x50x23mm

Type: Touch Pad Remote
Model:LY-T14
Voltage: AC100~240V
Power:<1W
Size:86x86x33mm

Type: Hand-held Remote
Model:LY-RT4(RT9)
Battery: AAA*2pcs
Current:5mA
Size:122x53x17.5mm

AMPLIFIER

Model:LY-EV1
Voltage:DC5V~36V
Current:1*8A
Power:40~288W
Size:97x33x18mm

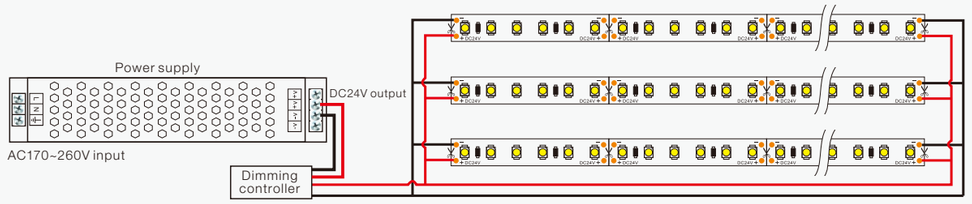
Model:LY-EV2
Voltage:DC12V~36V
Current:2*8A
Power:12V<192, 24V<384W,
36V<576W
Size:175x45x27mm

Model:LY-EV3
Voltage:DC12V~36V
Current:3*6A
Power:12V<216, 24V<432W,
36V<648W
Size:175x45x27mm

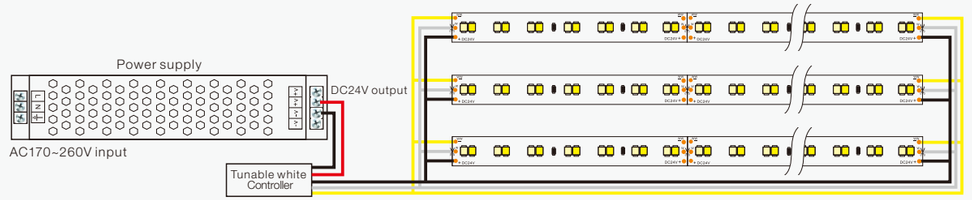
Model:LY-EV4
Voltage:DC12V~24V
Current:4*5A
Power:12V<240W, 24V<480W,
36V<720W
Size:175x45x27mm

CONNECTION DIAGRAM

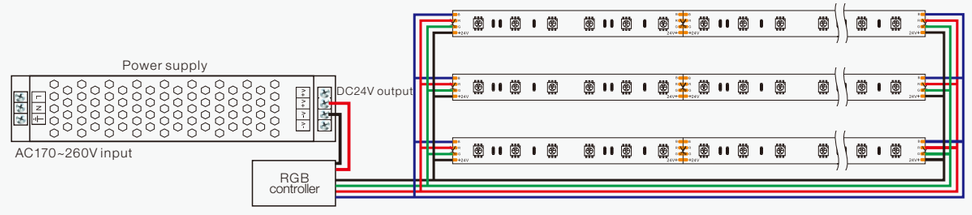
Single color strip (1 channel controller, SMD3528, 180LEDs, 24V, item NO.: LY180-S3528W-W24)



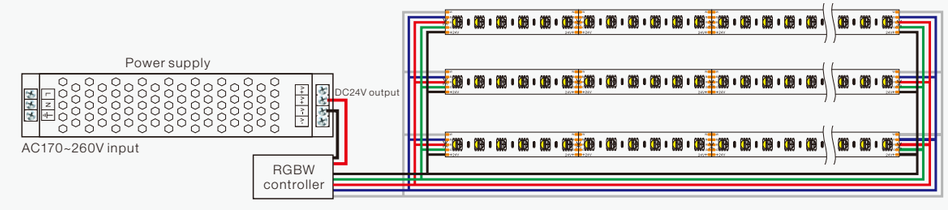
Tunable White Strip (2 channels controller, SMD2835, 112LEDS, 24V, Item NO.: LY112-S2835TW-W24)



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

DMX controller

Model: LY-DMX100

Voltage: DC9V

Output: DMX512

Interface: XLR-3, RJ45, Terminal block

Dimension: 161x100x30mm

Weight(G.W.): 460g

SPI CONTROLLER

Magic strip controller

Model: SC+R9

Voltage: DC5V~DC24V

Output: Max 8A

Pixels: Max 1024pixels

Output power: 40W(5V)/96W(12V)/192W(24V)

Dimension: 97x33x18mm

Weight(G.W.): 110g

DMX512 DECODER

SPI DMX decoder

Model: LY-DSA

Voltage: DC5V~DC24V

Input: DMX512 + RF2.4GHz

Output: SPI (TTL)x3

Interface: XLR-3, RJ45 port

Dimension: 165x70x37mm

Weight(G.W.): 330g

DMX512 DECODER

RGB DMX decoder

Model: LY-D3-XE

Voltage: DC12V~DC36V

Input: DMX512/1990, 30.5A

Output: 10A*3CH

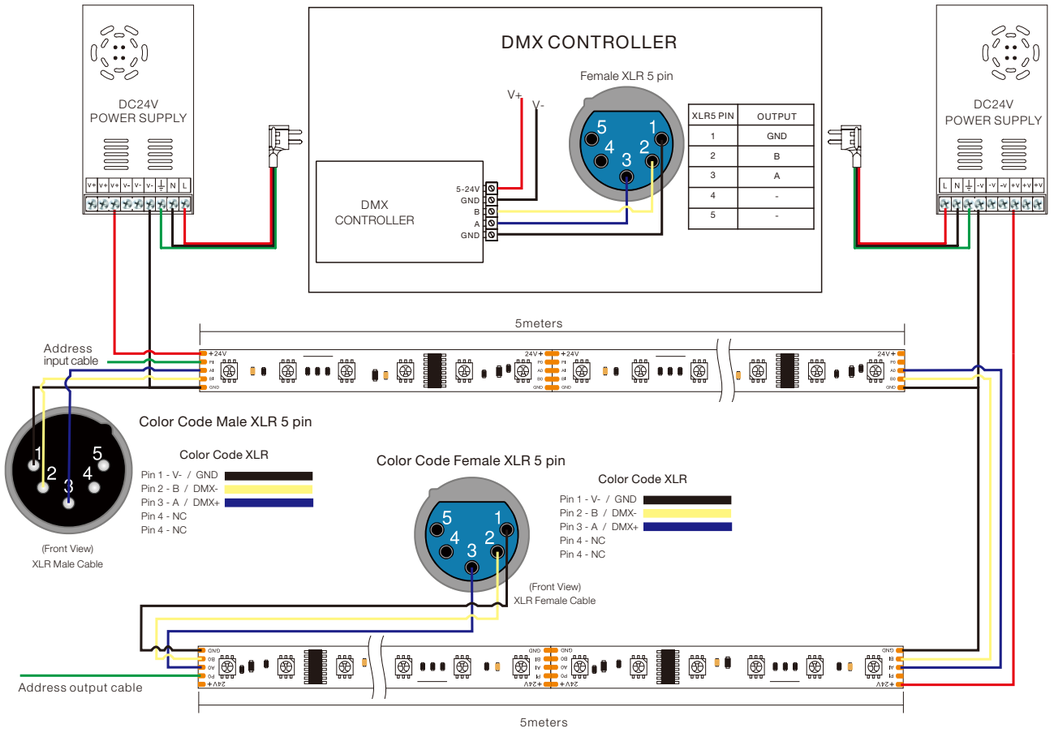
Interface: XLR-3, RJ45 port

Dimension: 165x70x37mm

Weight(G.W.): 330g

CONNECTION DIAGRAM

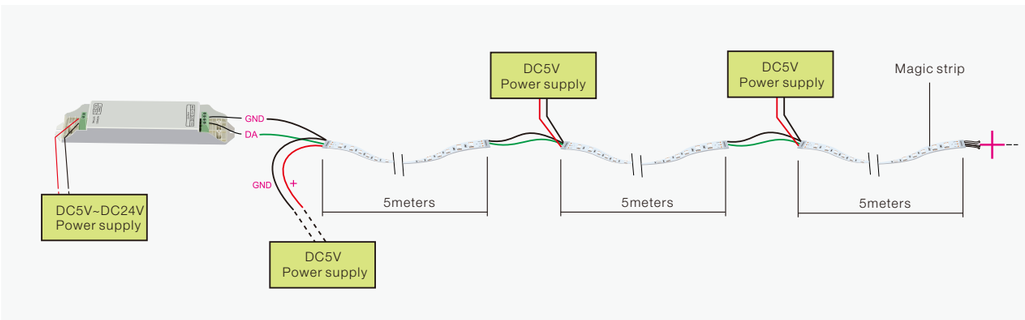
DMX512 STRIP (DMX controller, DMX512, SMD5050, 60LEDs, 24V item NO.: LY60-DMXS5050RGB-W24)



Important:

1. Regular DMX512 LED Strip not include the XLR connector, if need XLR connector, extra cost will be added.
2. If you want to change the starting address, you will need a DMX Address Editor, avaliable on our website.

SPI STRIP (Magic strip controller, SK6812 RGB, SMD5050, 60LEDs, DC5V, item NO.: LY60-SK6812RGB-W5)



LED POWER SUPPLY

MEANWELL LRS SERIES

LRS series

- Economic non-PFC function
- 35W~350W reliable output
- Short cut, overload, over voltage,
- Over temperature protections
- CE,CB,C-UL certificates
- 3years warranty

MEANWELL ELG SERIES

ELG series

- 100~305VAC input range
- 75W~300W reliable output
- Metal case, IP67/IP65 design for indoor or outdoor installations,
- Output adjustable via potentiometer; 3 in 1 dimming (0~10Vdc or 10V PWM signal or resistance, dim-to-off); smart timer dimming; DALI.
- 5years warranty

MEANWELL HLG SERIES

HLG series

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

ALUMINUM PROFILE

Surface mounted								
	LS1506B	LS1612B	LS1612H	LS1707D	LS1715B	LS2216	LS2208	LS2310
Recessed series								
	LE2206B	LE2212B	LE2507B	LE2515B	LE2810	LE2908	LE3535G	
Corner series								
	LC1616	LC3030	LC3030B	LC1919B	LC1919C	LC1919F	LC1919E	
Pendant series								
	LP1212B	LP2020	LP3030P	LP6060	LP3535C	LP5078	LP9038	
Waterproof series								
	L1707W	L2507W	L1715W	L2515W	L1919W	L1201W		
Shelf Magnetic series								
	LM0810	LM1408	LM1712	LM2512	LM1718	LM2518		

SPECIAL SERIES

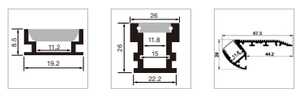
Mini Sereis

LN0609 LN0609B LN0809 LN0814

Wall series

LW1844 LW1848 LW2112 LW2215 LW5313

Floor Series



LF1908 LF2626 LF6628

Bending Series

LB1018S LB1807

Clothespress Series

LH1929

LED STRIP CONNECTOR

LED strip connectors are designed to allow you to make solderless connections to LED strip lights. They work by inserting the LED strip into the connectors. The contact pads on the LED strip slide underneath the contact prongs on the connector, completing the electrical circuit.

LED STRIP ADHESIVE TAPES

Adhesive tape is a very critical component. If the quality of the double-sided tape is not good, the LED strip will fall off from where it is installed.We provide different types of adhesive tapes according to the various LED strip scenarios.

Adhesive Tape	Picture	Usage Scenarios	Adhesive Thickness Mils (mm)	Adhesion to Stainless Steel
3M 200MP		Normal Indoor Use	5.2mils(0.13mm)	7.0N/CM
3M 300MP		Normal Indoor Use	4.8mils(0.13mm)	8.6N/CM
3M 9080		Normal Indoor Use	12.8mils(0.32mm)	7.5N/CM
3MVHB 5608N		Indoor or Outdoor Use	30.4mils(0.76mm)	20.0N/CM
tesa 4965		For Aluminum Profile	8.2mils(0.205mm)	14.0N/CM
Blue Thermal Tape		For High Power Strip	4.0mils(0.1mm)	6.0N/CM

LED NEON SAMPLE KIT

The LED Neon sample kit is a portable collection of popular neon models, perfect for showcasing to clients.

HOT

LED STRIP SAMPLE BOOK

The LED Strip Sample Book is very convenient to carry or display.
You can quickly light it through the 5VDC Type C interface.

HOT