W.: www.ledyi.com
E.: sales@ledyi.com
T.:+86 0755 2302 5890
F.: +86 0755 2302 6150
A.:3-4F, Building 2, Zhonghui Anda Industrial Park, Tangtou Avenue, Tangtou Community, Baoan District, Shenzhen, China

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

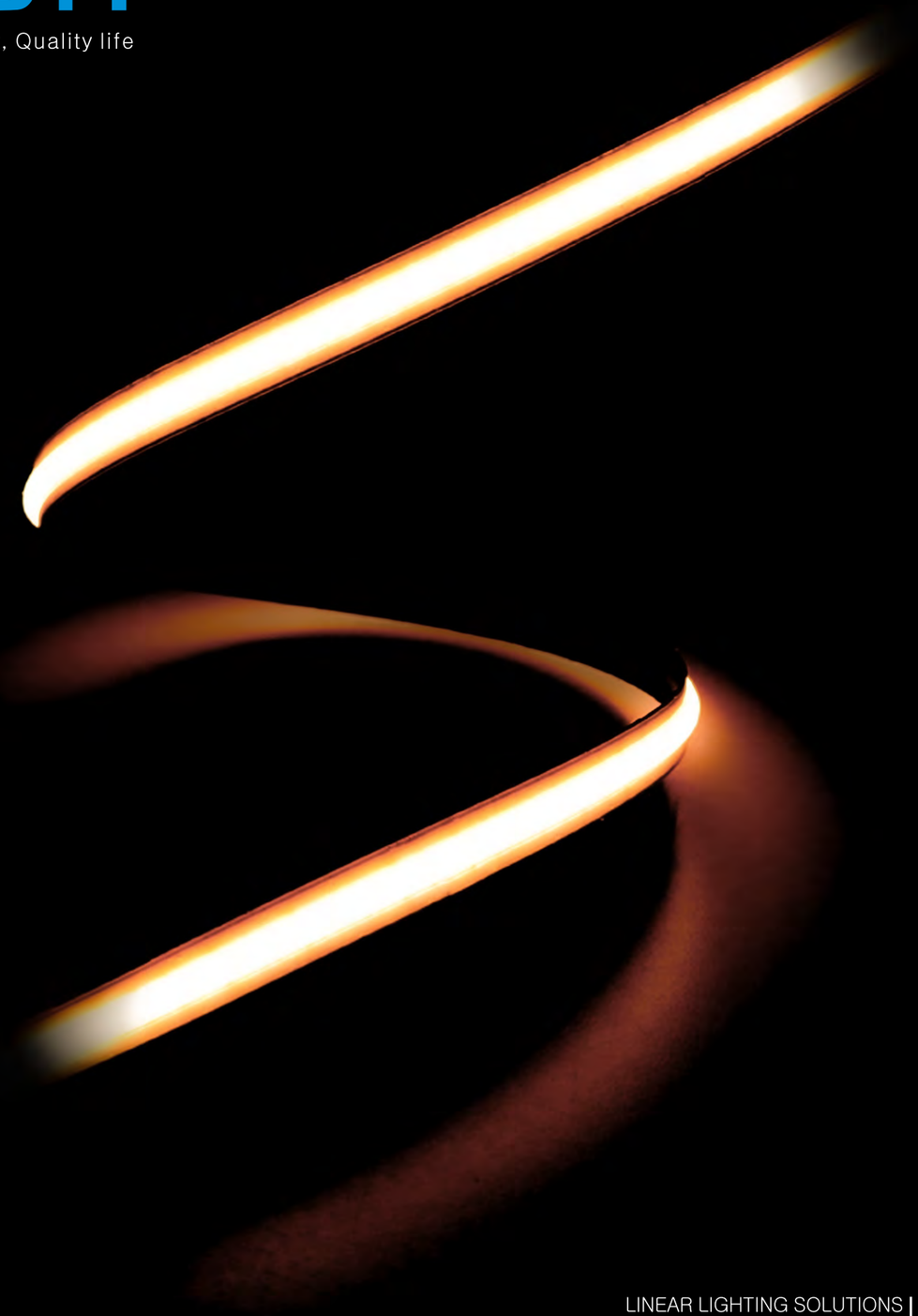
www.ledyi.com

LEDYI

Catalog | 2020-2021

LEDYI

Quality light, Quality life



LINEAR LIGHTING SOLUTIONS
your reliable partner

WHY CHOOSE LEDYi ?

1 EFFICIENT&PROFESSIONAL SERVICES

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

2 RELIABLE LED INDUSTRY EXPERIENCE

8 years specializing in R&D,production and sales of high-quality LED strips.
80+companies from 20+countries worked well with us.
Long-term supplier declaration to maintain friendly relations of cooperation.

3 WIDE PRODUCT OPTIONS

SMD3528,SMD5050,SMD2835,SMD1808,SMD2216,SMD3014,SMD5050,SMD2110,COB,
SILICON 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.

4 STRONG PRODUCTION CAPACITY

4 lines full automatic SMT workshop,6 Soldering groups,10 Aging
test and 2 packaging lines . More than 30 well-trained workers.
1,500,000Mt Monthly production capacity.
7 days can be shipped out of 95% standard items.

5 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.

6 STRICT QUALITY CONTROL

Operations accredited to ISO 9001:2008.
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.

7 WORDWIDE CERTIFICATES

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

8 CORE VALUE CUSTOMER SUPPORT

We are glad to update newest researches and product promotion news as a priority.
Best price support, maintain the absolute advantage of core value customer purchase price in LEDYi's system.
Credit support, from the standpoint of longterm cooperation, the credit period can be discussed and satisfied.
Raw materials reserve stock in advance to shorten the lead time.

9 R&D team

Our R&D team has 15 engineers, never stop developing the new and hot led products
to support our customers take up new market, this can help all of us catch up the
change and meet the trend of the market and not eliminated by the market.

10 COMFORTING AFTER-SALES

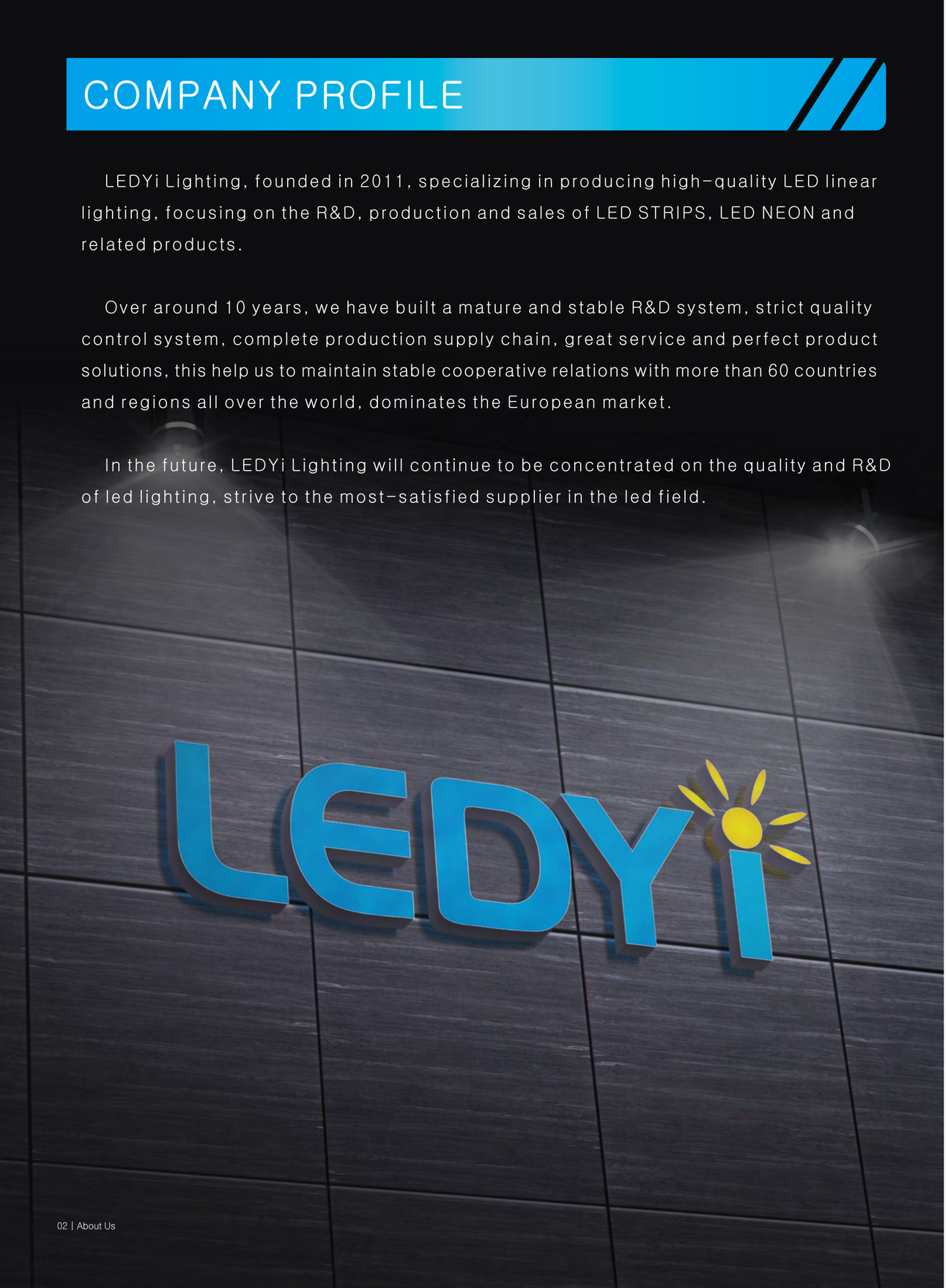
Up to 3-5 years warranty, any problem of our product, we solve it within 7 days.
Your account manager always here ready to service you if you have any questions or problems
Customer satisfaction investigation regularly, to improve the customer experience .
Relaxed and pleasant cooperation is our pursuit .

COMPANY PROFILE

LEDYi Lighting, founded in 2011, specializing in producing high-quality LED linear lighting, focusing on the R&D, production and sales of LED STRIPS, LED NEON and related products.

Over around 10 years, we have built a mature and stable R&D system, strict quality control system, complete production supply chain, great service and perfect product solutions, this help us to maintain stable cooperative relations with more than 60 countries and regions all over the world, dominates the European market.

In the future, LEDYi Lighting will continue to be concentrated on the quality and R&D of led lighting, strive to the most-satisfied supplier in the led field.



LED Encapsulation Process

Main Process:

Die Bonding → Wire Bonding → Dispensing → Sorting → Taping → Package

LED Strip Production Process

IP20 Strip Main Process:

Raw material → Brush Tin on PCB → SMT → Reflow Soldering → Welding PCB → Package

- Raw material: PCB
- SMT: LED
- Reflow Soldering: QC
- Welding PCB: QC, Aging test, Vibration test, Stick 3M tape

Reliability Test Facility

Integrating Sphere

UV weathering test box

Constant temperature & humidity test chamber

IPX3-6 Integraled Waterproof Test Chamber

IPX8 Flooding Pressure testing machine

Salt spray chamber

Optical image coordinate measuring instrument

Microcomputer tensile testing machine

Arm drop test machine

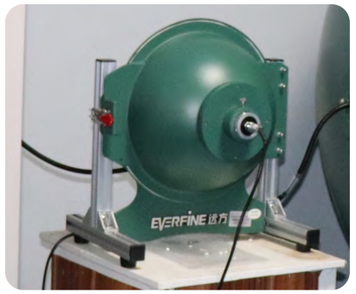
Transportation vibration testing

1	2	3
4	5	6
7	8	9
10		

1. Test LED product's photometric, color and electric parameters.
2. Testing performance of anti-UV and yellowing resistance to evaluate anti-UV rating.
3. On-off aging test (Constant temperature and humidity) to test LED product lifetime and performance.
4. Test LED products waterproof performance(IPX3~X6) in rain, water spray, water immersion and diving environment.
5. Test LED products waterproof performance(IPX8) in water immersion and diving environment.
6. Artificially simulate the salt spray environmental conditions to evaluate the corrosion resistance.
7. Check LED product surface structure.
8. Test the tensile strength of solder joints between cable and LED strip.
9. Test the protection ability of packing during vertical transport.
10. Test the protection ability of packing on vibration environment transport.

Quality Control

Raw materials incoming quality control with reliable equipment.



LED testing before SMT

Semi-product quality checking after SMT

Non-waterproof strip shaking testing

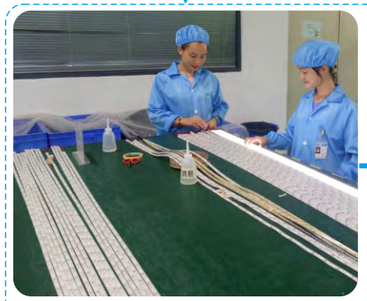
Non-waterproof

Checking lighting consistency

Test report before shipment

Packaging checking before shipping

Waterproof



Quality checking after waterproof

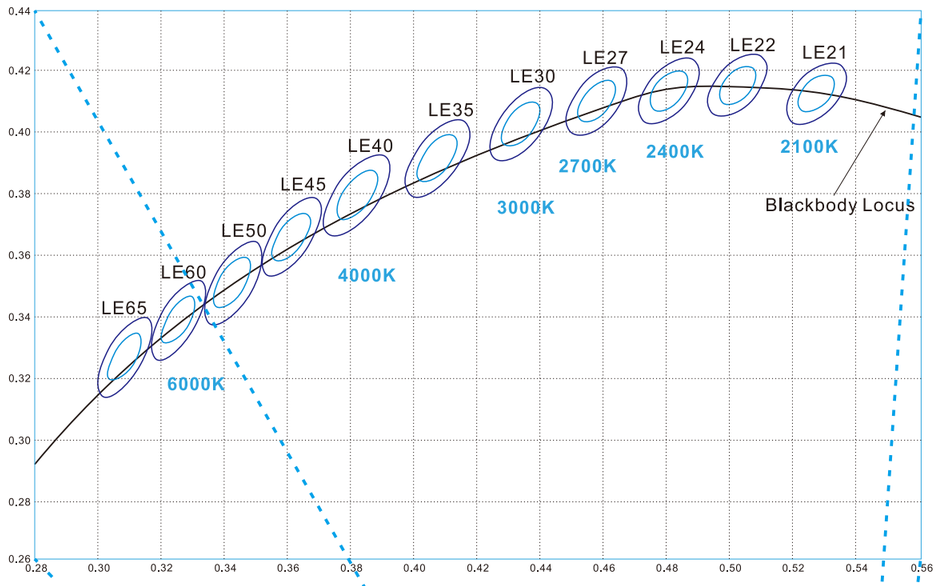
Test report before shipment

Packaging checking before shipping

Certificate

WARRANTY 5 YEARS · RoHS · CE · LM80 · INTERTEK ETL LISTED 5000906 · SGS · TÜV Rheinland

BIN



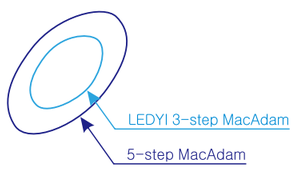
For all your order

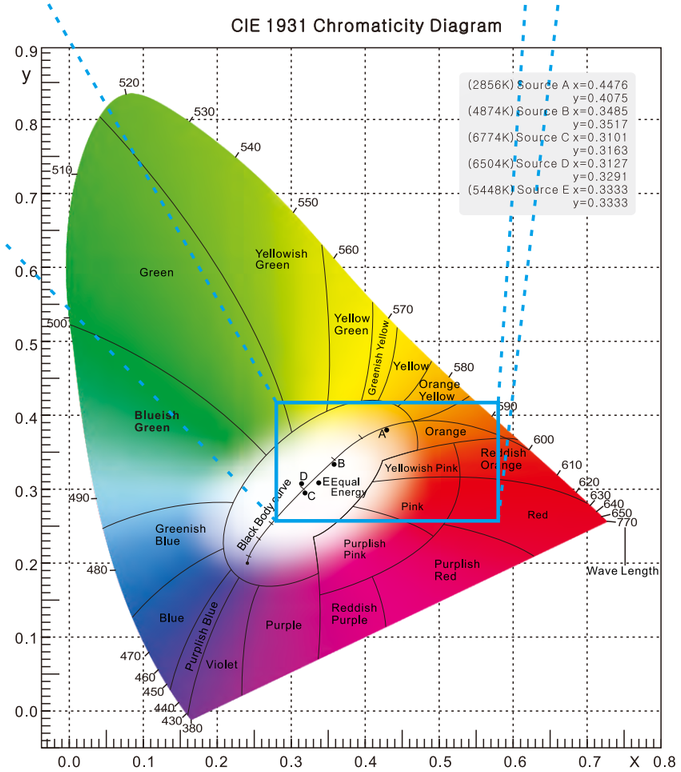
ONE BIN ONLY

Today and tomorrow

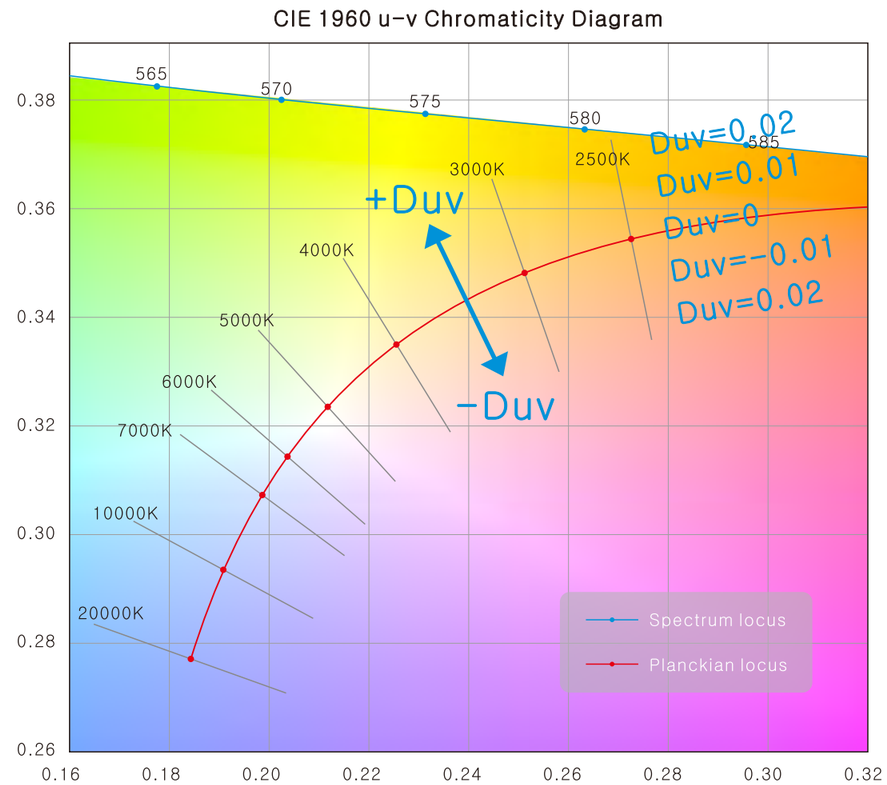
"One Bin Only" within 3 MacAdam, |Duv|<0.006 guarantees constant color temperature.

Graphic Description:





Duv



Duv is getting closer to zero, the color temperature is more pure and real

CRI

Color Rendering Index (CRI)

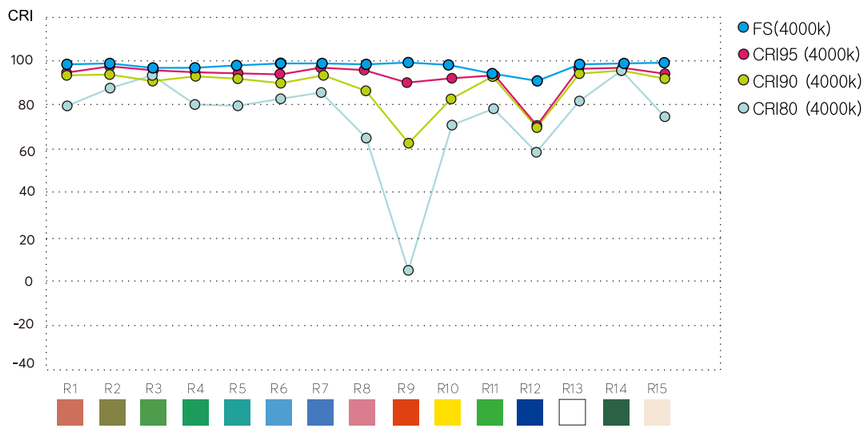
The higher CRI, the color is more real,

higher CRI become more and more popular.

All strip light are more than CRI90,it shows true color for you.

High CRI

Average CRI evaluation indicator



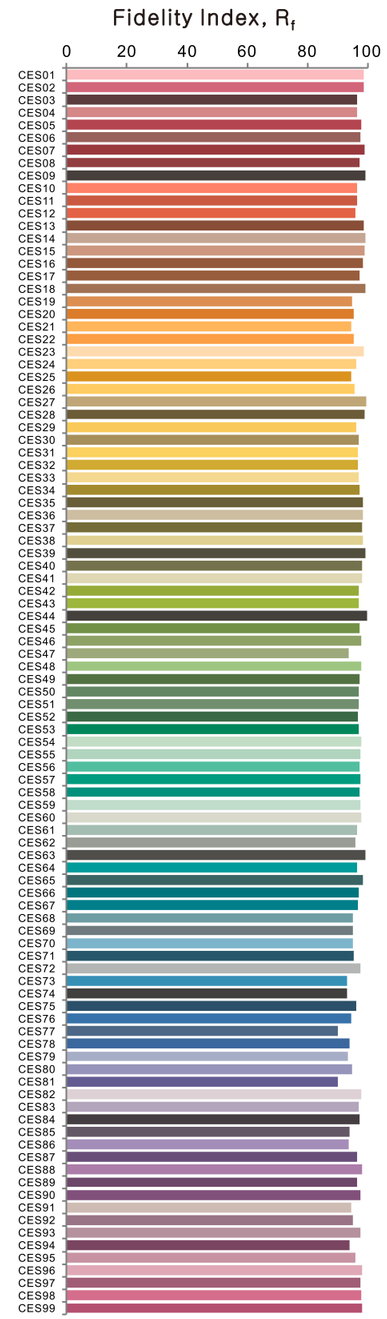
FS CRI>98, as natural as sunshine

The clor rendition is as natural as sunshine with the CRI≥95 or full spectrum LEDs:

Full Spectrum LED

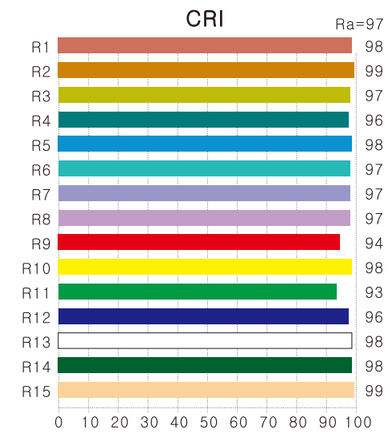
TM-30-15 Color Chart

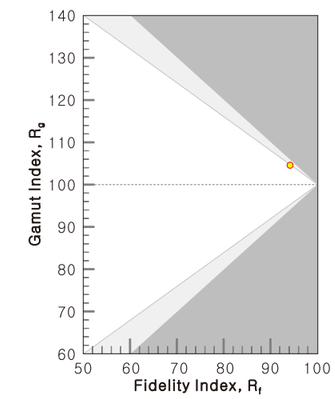
TM-30-15 measures against 99 colors samples, all used to provide fidelity(R_f),Gamut(R_g) and Color Vector Graphics.



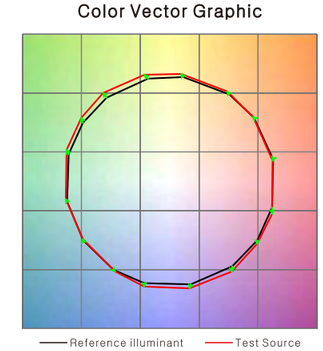
Color Evaluation Sample

Light Source	CCT	Ra CRI	R9	TM-30-15 R_f	TM-30-15 R_g
2835SMD	2700K	97	94	94	104





Color Vector Graphic



Color Distortion Graphic

Color Temperature

Different color temperatures for different environments make it possible to choose appropriate light source as required

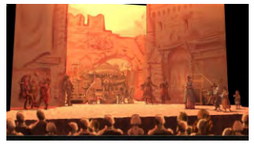
◀ 1800K

Antique

Club

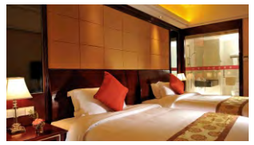
◀ 2100K

Bread


Museum

◀ 2400K

Gold


Hotel

◀ 2700K

Wood

Homestay

◀ 3000K

Leather

Household

◀ 3500K

Phone

Shop

◀ 4000K

Fruit

Supermarket

◀ 5000K

Ceramics

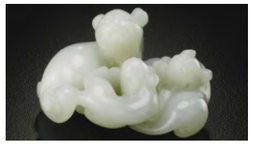
Office

◀ 5500K

Silverwares

Shopping

◀ 6000K


Jade

Warehouse

◀ 8000K

Glass

Bathroom

◀ 10000K+

Diamond

Aquarium

Item Number

LY60-S5050W30-W24-IP65

COMPANY ABB.

STRIP ABB.

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

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

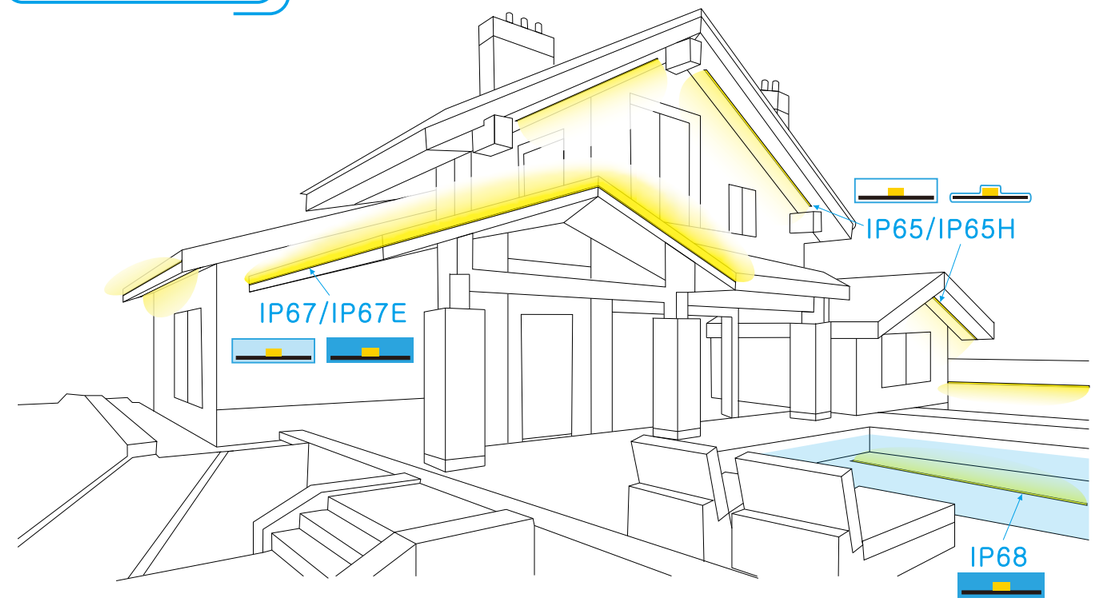
LED QTY/M

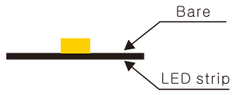
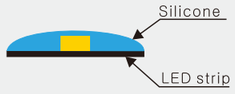
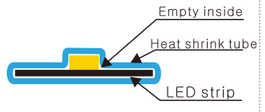
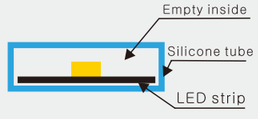
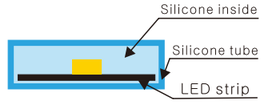
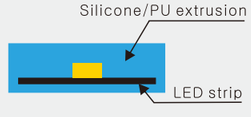
LED TYPE
SMD1808
SMD2835
SMD5050
SMD3528
SMD3014
SMD5630
SMD2216
SMD2110
SMD3838
SMD020

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

IP GRADE
IP20: Bare PCB
IP52: Silicone coating
IP65: Silicone tube
IP65H: Heat Shrink Tube
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
IP67		Silicone filling	Outdoor use
IP67E/IP68		Silicone/PU extrusion	IP67E: Outdoor use IP68: Under water within 2 meters deep.

Customization

BIN

ONE
BIN
ONLY

Available to customize one specific BIN or various BIN

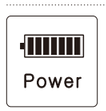
CRI

Available to customize CRI range

Color

Available to customize specific color or wavelength

Power



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

PCB

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

Length

Available to customize the length within the technology supporting range

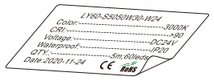
Cable

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

Connector

Available to customize connector for all IP grade

Label



Available to customize label

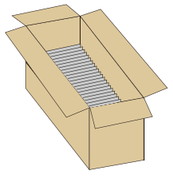
Reel & Bag

Reel

Anti-static bag

Available to customize reel and anti-static bag

Packing



Available to customize the special packaging

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COB led strip NEW HOT

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480chips 8mm ECO 33
480chips 8mm TW 34

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1808SMD 240LEDs 37
1808SMD 280LEDs 38
1808SMD 300LEDs 39
1808SMD 420LEDs 40
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1808SMD 720LEDs 10mm

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2835SMD 70LEDs 45
2835SMD 98LEDs 46
2835SMD 120LEDs HOT 47
2835SMD 140LEDs 48
2835SMD 180LEDs 49
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5050 Series
5050SMD 30LEDs 52
5050SMD 60LEDs HOT 53
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RGB Series
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Super Long Constant Current Series
2835SMD 78LEDs 48V 50m 103
2835SMD 90LEDs 36V 30m 104
2835SMD 60LEDs 24V 20m 105
2835SMD 60LEDs 24V 10m 106
2835SMD 120LEDs TW 24V 15m 107
5050SMD 60LEDs RGB 24V 15m 108
5050SMD 60LEDs RGBW 24V 15m 109
5050SMD 60LEDs RGBTW 24V 15m 110

Special Series

Side Emitting Series
3014SMD 60LEDs 112
3014SMD 120LEDs HOT 113
020SMD 60LEDs RGB 114

S Shaped Bendable Series
2835SMD 60LEDs HOT 115
5050SMD 42LEDs RGB 116
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2835SMD 120LEDs HOT 122
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2835SMD 64LEDs 126
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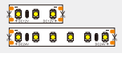
Aluminum profile 195

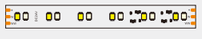
LED product list

Page	Series	Part number	LEDs/M	Voltage		Cutting (mm)	Chip density (mm)	Dimension (mm)	CCT/Color	Typ. Power (w/m)	Lumen (lm/m)	CRI	IP Rate
P31	COB	LY480-COBW-W24-4mm	480	DC12V DC24V		-	-	5000x4x2	2700K 3000K 4000K 6000K	5	573.9	>90	IP20
P32		LY480-COBW-W24-Pro	480	DC12V DC24V		25 50	-	5000x8(10)x2	2700K 3000K 4000K 6000K	5/10/15	560.7/1124/1672	>90	IP20 IP52 IP65H IP65 IP67
P33		LY480-COBW-W24-Eco	480	DC12V DC24V		25 50	-	5000x8x2	2700K 3000K 4000K 6000K	9	828	>90	IP20 IP65H IP65 IP65C
P34		LY608-COBTW-W24	608	DC24V		26.31	-	5000x10x2	2700K 3000K 4000K 6000K	20	2009.8	>90	IP20 IP65H IP65 IP65C IP67
P36	1808SMD	LY120-S1808W-W12 LY120-S1808W-W24	120	DC12V DC24V		25 50	8.3	5000x8x1.4	1500K 2200K 2700K 3000K 4000K 6000K	9.6	880.42	>95	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P37		LY240-S1808W-W24	240	DC24V		25	4.2	5000x10x1.4	1500K 2200K 2700K 3000K 4000K 6000K	19.2	1738.05	>95	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P38		LY280-S1808W-W24	280	DC24V		25	3.6	5000x10x1.4	1500K 2200K 2700K 3000K 4000K 6000K	19.2	2054.14	>95	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P39		LY300-S1808W-W24	300	DC24V		20	3.3	5000x10x1.4	1500K 2200K 2700K 3000K 4000K 5000K 6000K	20	1880.12	>95	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P40		LY420-S1808W-W24	420	DC24V		16.7	2.4	5000x10x1.4	1500K 2200K 2700K 3000K 4000K 5000K 6000K	20	2196.18	>95	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P41		LY560-S1808W-W24	560	DC24V		12.5	1.8	5000x10x1.4	1500K 2200K 2700K 3000K 4000K 5000K 6000K	20	2240.02	>95	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P42		LY700-S1808W-W24	700	DC24V		10	1.43	5000x10x1.4	1500K 2200K 2700K 3000K 4000K 5000K 6000K	20	2260.10	>95	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P43		LY720-S1808W-W24	720	DC24V		8.34	1.39	5000x8(10)x1.4	1500K 2200K 2700K 3000K 4000K 5000K 6000K	20	1905.07	>95	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P44	2835SMD	LY60-S2835W-W12 LY60-S2835W-W24	60	DC12V DC24V		50 100	16.7	5000x8x1.2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	12	1200.24	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P45		LY70-S2835W-W24	70	DC24V		100	14.28	5000x10x1.2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	12	1400.19	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P46		LY98-S2835W-W24	98	DC24V		71.42	10.2	5000x8x1.2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	16.8	1948.16	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P47		LY120-S2835W-W12 LY120-S2835W-W24	120	DC12V DC24V		25 50	8.3	5000x10x1.2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	24	2400.14	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P48		LY140-S2835W-W24	140	DC24V		50	7.14	5000x10x1.2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	24	2800.20	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P49		LY180-S2835W-W24	180	DC24V		33.3	5.55	5000x10x1.2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	24	2448.04	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P50		LY240-SS2835W-W24	240	DC24V		25	4.2	5000x10x1.2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	24	2550.16	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P51		LY280-DS2835W-W24	280	DC24V		50	7.14	5000x15x1.2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	24	2856.07	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P52	5050SMD	LY30-S5050W-W12 LY30-S5050W-W24	30	DC12V DC24V		100 167	33.3	5000x10x2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	7.2	600.14	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P53		LY60-S5050W-W12 LY60-S5050W-W24	60	DC12V DC24V		50 100	16.7	5000x10x2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	14.4	1235.03	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P54		LY96-S5050W-W24	96	DC24V		62.5	10.42	5000x12x2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	19.2	1670.09	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P55		LY120-DS5050W-W24	120	DC24V		50	16.7	5000x15x2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	28.8	2471.15	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P56	3528SMD	LY60-S3528W-W12 LY60-S3528W-W24	60	DC12V DC24V		50 100	16.7	5000x8x2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	4.8	420.01	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P57		LY120-S3528W-W12 LY120-S3528W-W24	120	DC12V DC24V		25 50	8.3	5000x8x2	1500K 2200K 2700K 3000K 4000K 6000K R G B Y	9.6	840.15	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68

LED product list

Page	Series	Part number	LEDs/M	Voltage	Drawing	Cutting (mm)	Chip density (mm)	Dimension (mm)	CCT/Color	Typ. Power (w/m)	Lumen (lm/m)	CRI	IP Rate
P58		LY180-S3528W-W24	180	DC24V		33.3	5.55	5000x10x2	4.5K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	14.4	1260.19	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P59		LY240-SS3528W-W12 LY240-SS3528W-W24	240	DC12V DC24V		12.5 25	4.2	5000x10x2	4.5K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	19.2	1680.03	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P60		LY240-DS3528W-W12 LY240-DS3528W-W24	240	DC12V DC24V		25 50	8.3	5000x15x2	4.5K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	19.2	1680.06	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P61	3014SMD	LY60-S3014W-W12 LY60-S3014W-W24	60	DC12V DC24V		50 100	16.7	5000x8x1.2	2.7K 3.0K 4.0K 6.0K R G B Y	7.2	730.13	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P62		LY70-S3014W-W24	70	DC24V		100	14.3	5000x8x1.2	2.7K 3.0K 4.0K 6.0K R G B Y	7.2	845.08	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P63		LY120-S3014W-W12 LY120-S3014W-W24	120	DC12V DC24V		25 50	8.3	5000x8x1.2	2.7K 3.0K 4.0K 6.0K R G B Y	14.4	1450.02	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P64		LY140-S3014W-W24	140	DC24V		50	7.15	5000x10x1.2	2.7K 3.0K 4.0K 6.0K R G B Y	14.4	1670.08	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P65		LY240-S3014W-W12 LY240-S3014W-W24	240	DC12V DC24V		12.5 25	4.2	5000x10x1.2	2.7K 3.0K 4.0K 6.0K R G B Y	24	2468.02	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P66	5630SMD	LY60-S5630W-W12 LY60-S5630W-W24	60	DC12V DC24V		50 100	16.7	5000x10x1.2	2.7K 3.0K 4.0K 6.0K R G B Y	14.4	1483.15	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P67		LY120-S5630W-W24	120	DC24V		50	8.3	5000x10x1.2	2.7K 3.0K 4.0K 6.0K R G B Y	24	2520.09	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P69	Tunable White	LY112-S2835TW2760-W24	112	DC24V		125	17.85	5000x10x1.2	4.5K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	19.2	2003.15	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P70		LY120-S2835TW2760-W12 LY120-S2835TW2760-W24	120	DC12V DC24V		50 100	16.7	5000x10x2	4.5K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	24	2160.58	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P71		LY224-S3014TW2760-W24	224	DC24V		62.5	8.93	5000x10x1.2	2.7K 3.0K 4.0K 6.0K R G B Y	23	2534.63	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P72		LY364-S1808TW2760-W24	364	DC24V		38.4	2.74	5000x10x1.2	4.5K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	20	2024.25	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P73		LY240-S1808TW2760-W24	240	DC24V		50	8.3	5000x5x1.2	4.5K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	12	1069.61	>90	IP20 IP65H IP65
P75	RGB	LY30-S5050RGB-W12 LY30-S5050RGB-W24	30	DC12V DC24V		100 167	33.3	5000x10x2		7.2	-	-	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P76		LY60-S5050RGB-W12 LY60-S5050RGB-W24	60	DC12V DC24V		50 100	16.7	5000x10x2		14.4	-	-	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P77		LY96-S5050RGB-W24	96	DC24V		62.5	10.4	5000x12x2		23	-	-	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P78		LY120-DS5050RGB-W24	120	DC24V		50	16.7	5000x20x2		28.8	-	-	IP20 IP52 IP65 IP67 IP67E/IP68
P79		LY120-S3838RGB-W24	120	DC24V		50	8.3	5000x5(6)x2		10	-	-	IP20 IP65H IP65
P80		LY120-S3838RGB-W24	120	DC24V		50	8.3	5000x8(10)x2		14.4	-	-	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P81		LY168-S3838RGB-W24	168	DC24V		35.7	5.95	5000x10x2		24	-	-	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P82		LY240-S3838RGB-W24	240	DC24V		25	4.2	5000x12x2		24	1009.2	-	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P83	RGBW	LY240-S3838RGBW-W24	240	DC24V		50	8.3	5000x10x2	4.5K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	19.2	440.20	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P84		LY60-S5050RGBW-W12 LY60-S5050RGBW-W24	60	DC12V DC24V		100 167	16.7	5000x10x2	4.5K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	14.4	916.03	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P85		LY96-S5050RGBW-W24	96	DC24V		125	10.42	5000x12x2	4.5K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	23	1496.09	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68

LED product list

Page	Series	Part number	LEDs/M	Voltage	Drawing	Cutting (mm)	Chip density (mm)	Dimension (mm)	CCT/Color	Typ. Power (w/m)	Lumen (lm/m)	CRI	IP Rate
P86		LY120-DS5050RGBW-W24	120	DC24V		100	16.7	5000x20x2	4100K 3400K 4700K 3000K 4000K 6000K R G B Y	28.8	1886.08	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P87		LY60-S5050RGBW-W12 LY60-S5050RGBW-W24	60	DC12V DC24V		50 100	16.7	5000x12x2	4700K 3000K 4000K 6000K	19.2	1195.04	>80	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P88		LY72-S5050RGBW-W24	72	DC24V		83.4	13.9	5000x12x2	4700K 3000K 4000K 6000K	23	1450.08	>80	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P89		LY84-S5050RGBW-W12 LY84-S5050RGBW-W24	84	DC12V DC24V		35.7 71.4	11.9	5000x12x2	4700K 3000K 4000K 6000K	26.8	1688.05	>80	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P90		LY96-S5050RGBW-W24	96	DC24V		62.5	10.4	5000x12x2	4700K 3000K 4000K 6000K	30.6	1927.16	>80	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P91		LY60-S5050RGBTW-W24	60	DC24V		100	16.7	5000x12x2	4000K 4700K	19.2	1200.14	>80	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P92		LY360-S3838RGBTW-W24	360	DC24V		50	8.3	5000x12x2	4700K 3000K 4000K 6000K	24	360	>80	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P94	Digital	LY60-S5050RGB-SK6812-W5	60	DC5V		16.54	16.54	5000x10x2		18	663.84	-	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P95		LY60-S5050RGBW-SK6812-W5	60	DC5V		16.54	16.54	5000x10x2		24	1331.28	>80	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P96		LY60-S5050RGB-SK9822-W5	60	DC5V		16.54	16.54	5000x12x2		18	663.84	-	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P97		LY60-S5050RGB-8808B-W12	60	DC12V		16.7	16.54	5000x10x2		14.4	515.23	-	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P98		LY60-S5050RGB-UCS1903-W12 LY60-S5050RGB-UCS1903-W24	60	DC12V DC24V		50 100	16.54	5000x10x2		14.4	531.07	-	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P100		LY60-S5050RGBW-UCS2904-W12 LY60-S5050RGBW-UCS2904-W24	60	DC12V DC24V		50 100	16.54	5000x10x2		19.2	1280.16	>80	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P101		LY60-S5050RGB-DMX512-W24	60	DC24V		100	16.7	5000x12x2		14.4	619.92	-	IP20 IP65
P102		LY60-S5050RGBW-DMX512-W24	60	DC24V		100	16.7	5000x15x2		19.2	1226.11	>80	IP20 IP65
P103	SLCC	LY78-CS2835-W48-50M	78	DC48V		166.7	12.8	50000x10x2	4700K 3000K 4700K 3000K 4000K 6000K R G B Y	4.5	481.10	>90	IP20 IP52 IP65
P104		LY90-CS2835-W36-30M	90	DC36V		100	11.1	30000x12x2	4700K 3000K 4700K 3000K 4000K 6000K R G B Y	7.2	777.14	>90	IP20 IP52 IP65
P105		LY60-CS2835-W24-20M	60	DC24V		100	16.7	20000x12x2	4700K 3000K 4700K 3000K 4000K 6000K R G B Y	8.5	875.60	>90	IP20 IP52 IP65
P106		LY60-CS2835-W24-10M	60	DC24V		100	16.7	10000x12x2	4700K 3000K 4700K 3000K 4000K 6000K R G B Y	12.5	1253.10	>90	IP20 IP52 IP65
P108		LY120-CS2835TW-W24-15M	120	DC24V		100	16.7	15000x12x2	4700K 3000K 4700K 3000K 4000K 6000K R G B Y	12	1140.09	>90	IP20 IP52 IP65
P109		LY60-CS5050RGB-W24-15M	60	DC24V		100	16.7	15000x12x2		11	550.25	-	IP20 IP52 IP65
P110		LY60-CS5050RGBW-W24-15M	60	DC24V		100	16.7	15000x12x2	4700K 3000K 4700K 3000K 4000K 6000K R G B Y	11	785.04	>80	IP20 IP52 IP65
P111		LY60-CS5050RGBTW-W24-15M	60	DC24V		100	16.7	15000x15x2	3400K 6000K	12	780.18	>80	IP20 IP52 IP65
P112	Side Emitting	LY60-ES3014-W12 LY60-ES3014-W24	60	DC12V DC24V		50 100	16.7	5000x8x1.2	4700K 3000K 4000K 6000K R G B Y	6	606.11	>80	IP20 IP65H IP65 IP67 IP67E/IP68
P113		LY120-ES3014-W12 LY120-ES3014-W24	120	DC12V DC24V		25 50	8.3	5000x8x1.2	4700K 3000K 4000K 6000K R G B Y	12	1212.08	>80	IP20 IP65H IP65 IP67 IP67E/IP68
P114		LY60-ES020RGB-W12	60	DC12V		50	16.7	5000x10x1.2		12	370.13	-	IP20 IP65H IP65 IP67 IP67E/IP68

LED product list

Page	Series	Part number	LEDs/M	Voltage	Drawing	Cutting (mm)	Chip density (mm)	Dimension (mm)	CCT/Color	Typ. Power (w/m)	Lumen (lm/m)	CRI	IP Rate
P115	S Shaped	LY60-BS2835-W12 LY60-BS2835-W24	60	DC12V DC24V		50 100	16.7	5000x8x1.2	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	12	1200	>90	IP20
P116		LY42-BS5050RGB-W12	42	DC12V		71.4	23.8	5000x12x2		10	444.20	-	IP20
P117		LY48-BS5050RGBW-W12 LY48-BS5050RGBW-W24	48	DC12V DC24V		62.5 125	20.8	5000x12x2		14.4	945.18	>80	IP20
P118	Narrow	LY108-S1808-W24-2MM	180	DC24V		55.5	9.25	5000x2x1.4	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K	5	457.62	>90	IP20
P119		LY240-S1808-W24-4MM	240	DC24V		25	4.2	5000x4x1.4	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K	10	960.06	>90	IP20
P120		LY120-S2835-W24-5MM	120	DC12V DC24V		25 50	8.3	5000x5x1.2	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	19.2	1920.19	>90	IP20 IP65
P121	Smart Temp Control	LY128-S2835-W24	128	DC24V		62.5	7.8	5000x12x1.2	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R G B Y	22	2860	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P122	MINI Cutting	LY120-S2835-W24	120	DC5V DC12V DC24V		8.3	8.3	5000x10x1.2	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K	12 14 19	1830.08	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P123		LY120-S2835TW-W24	120	DC5V DC12V DC24V		16.6	16.6	5000x10x1.2	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K	12 14 19	1712.85	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P124	DTW	LY224-DTW2216-W24	224	DC24V		62.5	8.93	5000x10x1.2		18	1389	>90	IP20 IP65H IP65
P125		LY120-DTW2835-W24	120	DC24V		100	16.7	5000x10x1.2		14.4	1137	>90	IP20 IP65H IP65
P126	High Effciency	LY64-HS2835-W24	64	DC24V		125	15.6	5000x10x1.2	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K	9.6	1610.10	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P127		LY80-HS2835-W24	120	DC24V		100	12.5	5000x10x1.2	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K	12	3500.07	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P128		LY128-HS2835-W24	128	DC24V		62.5	7.8	5000x12x1.2	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K	18	3000.14	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P129		LY160-HS2835-W24	160	DC24V		50	6.25	5000x12x1.2	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K	21	3500.07	>90	IP20 IP52 IP65H IP65 IP67 IP67E/IP68
P140	Silicone Neon	NS-S0408-W	-	DC24V	Top view Side view	25	-	5000x04x08	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K	6	221	>90	
P142		NS-S0612-W	-	DC24V	Top view Side view	50	-	5000x06x12	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R P G B Y RGB	5 10	190 359	>90	
P144		NS-S0817-W	-	DC24V	Top view Side view	50	-	5000x08x17	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R P G B Y RGB	5 10	166 319	>90	
P146		NS-S1018-W	-	DC24V	Top view Side view	50	-	5000x10x18	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R P G B Y RGB	5 10 15	177.2 353.9 468.5	>90	
P148		NS-S1023-W	-	DC24V	Top view Side view	50	-	5000x10x23	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R P G B Y RGB	5 10 15	179 350 500	>90	
P150		NS-S1225-W	-	DC24V	Top view Side view	50	-	5000x12x25	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R P G B Y RGB RGBW	5 10 15	159 313 436	>90	
P152		NS-S1220-W	-	DC24V	Top view Side view	50	-	5000x12x20	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R P G B Y RGB RGBW	5 10 15	168.2 328.3 465.1	>90	
P154		NS-S1220-DMX512	-	DC24V	Top view Side view	166.7	-	5000x12x20	RGB	9	218	>90	
P156		NS-T0606-W	-	DC24V	Top view Bottom view	25	-	5000x06x06	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K	6	379	>90	
P158		NS-T1010-W	-	DC24V	Side view Bottom view	35.7	-	5000x10x10	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R P G B Y	5 10	419.0 810.6	>90	
P160		NS-T1212-W	-	DC24V	Top view Side view	50	-	5000x12x12	4.0K 3.5K 2.7K 3.0K 4.0K 6.0K R P G B Y RGB	5 10	336.2 661.8	>90	

LED product list

Page	Series	Part number	LEDs/M	Voltage	Drawing	Cutting (mm)	Chip density (mm)	Dimension (mm)	CCT/Color	Typ. Power (w/m)	Lumen (lm/m)	CRI	IP Rate
P162		NS-T1615-W	-	DC24V		50	-	5000x16x15	4000K 5000K 6000K 6500K 8000K R P G B Y RGB RGBW	5 10 15	293.9 572.9 782.6	>90	
P164		NS-T2016-W	-	DC24V		50	-	5000x20x16	4000K 5000K 6000K 6500K 8000K R P G B Y RGB RGBW	12 16 20	767 999 1185	>90	
P166		NS-T3020-W	-	DC24V		50	-	5000x30x20	4000K 5000K 6000K 6500K 8000K R P G B Y RGB RGBW	16 20 24	962.6 1176 1390	>90	
P168		NS-D16-W	-	DC24V		50	-	5000x16x15.5	4000K 5000K 6000K 6500K 8000K R P G B Y RGB	5 10	378 735	>90	
P170		NS-T1615DMX512	-	DC24V		166.7	-	5000x16x15	RGB	9	218	>90	
P172		NS-ϕ25-W	-	DC24V		-	-	5000xØ25	4000K 5000K 6000K 6500K 8000K R P G B Y RGB	5 10	302 586	>90	
P174		NS-ϕ30-W	-	DC24V		-	-	5000xØ30	4000K 5000K 6000K 6500K 8000K R P G B Y RGB	5 10	293 545	>90	
P176		NS-3D1615-W	-	DC24V		50	-	5000x16x15	4000K 5000K 6000K 6500K 8000K R P G B Y	5 10	387 733	>90	
P178	PU Neon	PU-S1220-W	-	DC24V		-	-	5000x12x20	4000K 5000K 6000K 6500K 8000K R P G B A RGB RGBW	5 10 15	330 640 950	>80	
P180		PU-T1615-W	-	DC24V		-	-	5000x16x15	4000K 5000K 6000K 6500K 8000K R P G B A RGB RGBW	5 10 15	513 870 1139	>80	
P183	Flex Wall Washer	LY48-FW2835-W24	48	DC24V		125	-	5000x18.5x9.5	4000K 5000K 6500K	18	1949	>90	
P184		LY42-FW3535RGB-W24	42	DC24V		166.6	-	5000x18.5x9.5	4000K 5000K 6500K RGB RGBW	8.5	540	-	
P185		LY36-FW3535RGB-DMX512-W24	36	DC24V		166.6	-	5000x18.5x9.5	RGB	8.5	230	-	

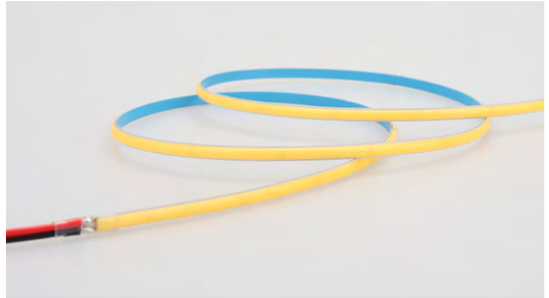
COB LED STRIP

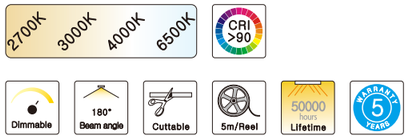
Chip on FPCB, linear light, dot free

Extremely flexible, high reliability

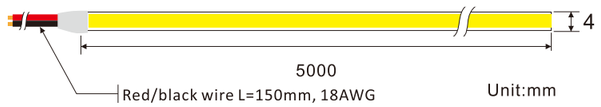
COB STRIP 480CHIPs 5W 4mm PRO Version

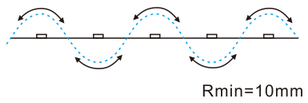
- Light beam angle up to 180°
- Self-encapsulated design offers optional 2700-6000K
- Chips on broad strip
- Ultra narrow PCB 4mm width
- High quality PCB, high thermal 3M adhesive

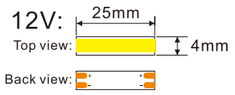




DIMENSIONS & WATERPROOF





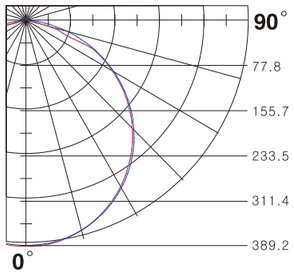


IP20

PRODUCT SPECIFICATION

Dimension	5000mmx4mmx2mm
Chip QTY.	480Chips/meter
Step Chips	24pcs(24V)/12pcs(12V)
Step length	50mm(24V)/25mm(12V)
Power(W/m)	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)	EEI Class
2700±100	481.05	96.21	92.33	62.26	90.55	99.88	A+
3000±100	512.80	102.56	93.25	64.51	92.36	100.39	A+
4000±200	550.75	110.15	92.93	65.28	94.55	101.19	A++
6500±300	573.90	114.78	94.62	66.88	93.98	101.28	A++

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

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

- W24 → Voltage:W12/W24
- W30 → CCT:W27/W30/W40/W60

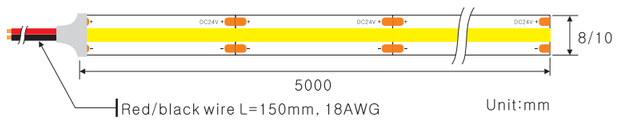
COB STRIP 480CHIPs 5W/10W/15W 8mm/10mm PRO Version

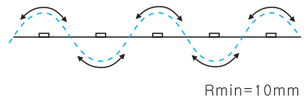
- Light beam angle up to 180°
- Self-encapsulated design offers optional 2700-6000K
- Chips on broad strip
- 8mm/10mm PCB width
- High quality PCB, high thermal 3M adhesive

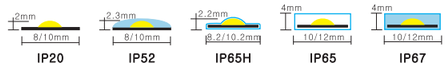
2700K 3000K 4000K 6500K | CRI >90

Dimmable | 180° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | 5 Warranty Years

DIMENSIONS & WATERPROOF



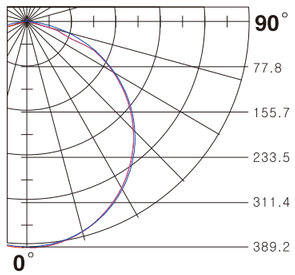




PRODUCT SPECIFICATION

Dimension	5000mmx8(10)mmx2mm
Chip QTY.	480Chips/meter
Step Chips	24pcs(24V)/12pcs(12V)
Step length	50mm(24V)/25mm(12V)
Power(W/m)	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 6000K)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20 24V 10mm PCB)

CCT(Color) (K)	Low power(5w/m) Lumen (lm/m)	Low power(5w/m) Efficacy (lm/w)	Low power(10w/m) Lumen (lm/m)	Low power(10w/m) Efficacy (lm/w)	Low power(15w/m) Lumen (lm/m)	Low power(15w/m) Efficacy (lm/w)	EEI Class 5w | 10w | 15w
2700±100	481.9	96.38	957.3	95.73	1418	94.53	A+ | A+ | A+
3000±100	519.1	103.82	1029.0	102.90	1527	101.80	A++ | A+ | A+
4000±200	575.0	115.00	1138.0	113.80	1690	112.67	A++ | A+ | A+
6500±300	560.7	112.14	1124.0	112.40	1672	111.46	A++ | A+ | A+

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

Order code: LY480-COB[W30]-[W24]-8(10)-[10W]-[IP20] → IP20/IP52/IP65H/IP65/IP67

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

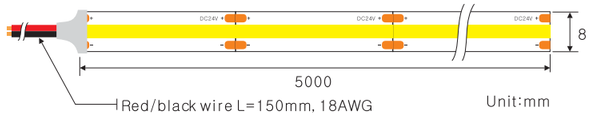
COB STRIP 480CHIPs 9W 8mm ECO Version

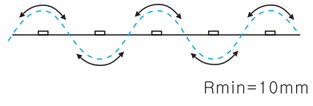
- 12V or 24V, flexible COB LED strip (Step length: 12V=25mm, 24V=50mm).
- with 3M adhesive tape on the back for easy installed.
- Regular CCT: 2700K, 3000K, 4000K, 6000K, NO MOQ limited.
- 180° beam angle. Very good color reproduction with CRI>80 / CRI>90.

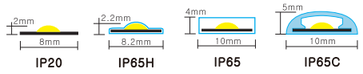
2700K 3000K 4000K 6500K | CRI >90

Dimmable | 180° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | 3 Warranty Years

DIMENSIONS & WATERPROOF



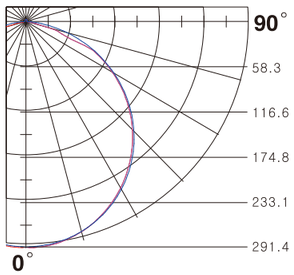




PRODUCT SPECIFICATION

Dimension	5000mmx8mmx2mm
Chip QTY.	480Chips/meter
Step Chips	24pcs(24V)/12pcs(12V)
Step length	50mm(24V)/25mm(12V)
Power(W/m)	9W
Voltage(V)	DC24V/DC12V
Current(A/m)	0.38A(24V)/0.75A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2700±100	765 | 901.8	85 | 100.2	90.29 | 83.27	62.29 | 13.2	89.89 | 82.27	99.98 | 90.22	A+ | A+
3000±100	783 | 949.5	87 | 105.5	91.18 | 85.23	93.18 | 15.3	92.36 | 86.35	100.89 | 93.23	A+ | A+
4000±200	810 | 992.7	90 | 110.3	91.87 | 84.25	93.87 | 20.3	94.27 | 85.67	99.97 | 95.47	A+ | A+
6000±300	828 | 1043.1	92 | 115.9	92.25 | 85.62	94.25 | 20.9	95.56 | 86.98	102 .23 | 95.96	A+ | A+

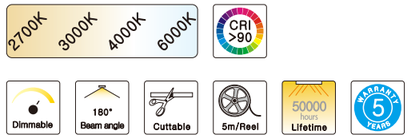
Note:Customized CCT can be realized according to specific requirements.

Order code: LY480-COB[W30]-[W24]-8mm-9W-[IP20] → IP20/IP65H/IP65/IP65C

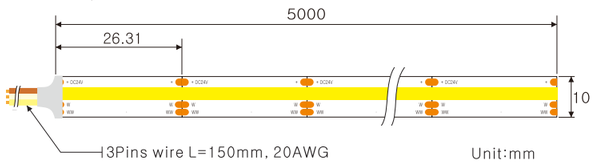
- W24 → Voltage:W12/W24
- W30 → CCT:W27/W30/W40/W60

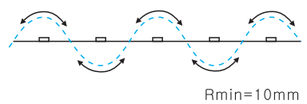
COB STRIP 608CHIPs 20W 10mm TW Version

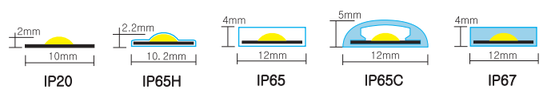
- 24V, flexible LED strip (16chips =26.31mm) with 3M adhesive
- tape on the back for easy installed. 2009.8lm/m at 20W/m. 180° beam angle.
- Very good color reproduction with CRI>90. "One Bin Only" guarantees constant
- color temperature and high light quality at a lifetime of 54,000 hours (L70).
- Double-layer FPC(2Oz) for good heat dissipation.



DIMENSIONS & WATERPROOF







PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip Type	COB
Chip Density	608pcb
Stpe LEDs	16LEDs
Step length	26.31mm

Voltage(V)	DC24V
Power(W/m)	20W
Current(A/m)	0.83A
Beam Angle	180°
Operation Temperatyre	-20°C~50°C

PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT (K)	Lumen (lm/m)	POWER W/M	Efficacy (lm/w)	CRI (>90)	R9	TM-30-15 Rf (Fidelity)	TM-30-15 Rg (Gamut)
2700 only	958	10	95.80	90.19	76.83	92.95	101.86
6000 only	1075.8	10	107.58	93.55	95.85	91.94	102.94
2700+6000 both	2009.8	20	110.49	95.51	98.83	92.96	104.91

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

Order code: LY608-COBTW-W24-10mm-20W-IP20 → IP20/IP52/IP65H/IP65/IP67

Single color series

Single color series provides for parts of product, include Lower power, High power, High lumen, High density, this offers a great variety of color, CCT, BIN range, CRI, power, lumen, as well as a wide range of ingress protections like IP52,IP65,IP67, IP68, users can select the most suitable products in terms of the environment applications, requirements of functions, projects, and budgets.

-Lower power, low brightness: this part is designed for decorative lighting, is with stable performance, exceptional quality and high cost performance.
Not only satisfy the basic demand of illumination, but it also creates pleasant space atmosphere in some decorative lighting situation like ceilings, wall edges, wall corners and furniture edges.
3528smd 60leds,120leds,180leds
5050smd 30leds,60leds
2835smd 60leds,98leds
3014smd 60leds,70leds,120les,140leds

-High power, high brightness: this part is designed for basic lighting that needs the strips with high power and high brightness, provide better user experience and high efficient illumination, all strips are subjected to high stability and cost-effective price.
It is mainly applied independently in the ceilings and grooves in the office, home, school, hospital, hotel and market or combined with luminaries.
3528smd 240leds
5050smd 96leds,120leds
2835smd 120leds,240leds
3014smd 204leds,240leds

-High lumen: this strip is to realize the project of high-lumen demand, using 60mA to reach 22-27lm each LED, this is an ideal solution for commercial applications need maximum brightness to highlight features.5630 60leds,120leds

-High density: the strip is with strong led frame, Zero lighting dot, Super-dense LED distribution, ultra slim thickness of 1.2mm, can match profiles better, widely used in high-grade spaces such as brand stores, special hotels, museums and galleries.
1808smd strip series

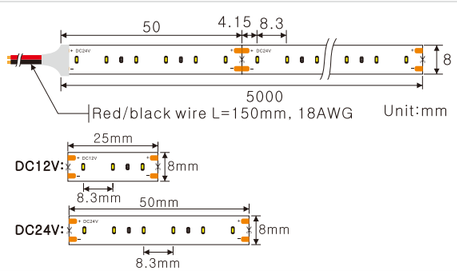
1808SMD 120LEDs LED STRIP

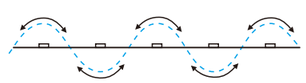
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white colors temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

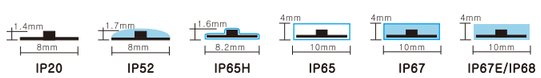
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | Warranty 5 Years

DIMENSIONS & WATERPROOF





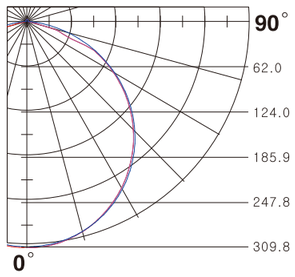
R_{min}=50mm



PRODUCT SPECIFICATION

Dimension	5000mmx8mmx1.4mm
Chip density	120LEDs/m,8.3mm pitch
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step length	50mm(24V)/25mm(12V)
Power(W)	9.6Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.4A(24V)/0.8A(12V)
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>95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class (CRI>95)
2000±100	620.26	64.61	95.10	77.04	86.05	89.08	A
2500±100	720.29	75.03	95.69	80.06	89.19	96.03	A+
2700±100	756.29	78.78	96.09	89.13	90.10	99.09	A+
3000±100	792.29	82.53	97.15	92.02	95.17	105.06	A+
3500±100	830.40	86.50	97.20	97.14	94.13	103.20	A+
4000±200	860.35	89.62	97.59	98.08	95.07	101.05	A+
5000±250	876.38	91.29	97.15	97.14	96.02	101.04	A+
6000±300	880.42	91.71	97.17	96.13	95.13	100.01	A+

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

Order code: LY120-S1808 W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
W24 → Voltage:W12/W24
W30 → CCT:W20/W25/W27/W30/W35/W40/W50/W60

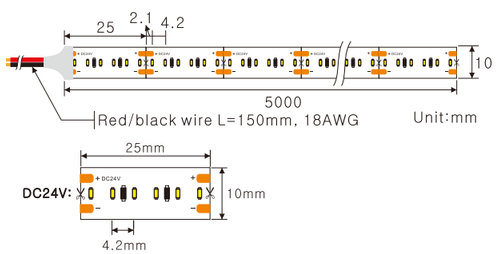
1808SMD 240LEDs LED STRIP

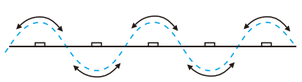
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white colors temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

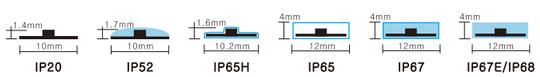
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | Warranty 5 Years

DIMENSIONS & WATERPROOF





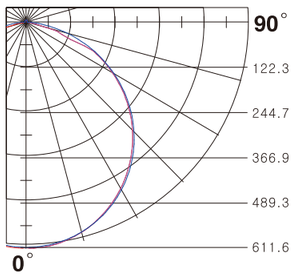
R_{min}=50mm



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.4mm
Chip density	240LEDs/m,4.2mm pitch
Step LEDs	6LED
Step length	25mm
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 CRI>95 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI>95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class (CRI>95)
2000±100	1230.14	64.07	95.17	77.14	86.03	89.12	A
2500±100	1420.22	73.97	95.69	80.13	89.10	96.14	A
2700±100	1490.11	77.61	96.02	89.15	90.09	99.08	A
3000±100	1580.16	82.30	97.13	92.15	95.16	105.19	A+
3500±100	1640.06	85.42	97.07	97.12	94.06	103.10	A+
4000±200	1700.16	88.55	97.55	98.03	95.19	101.19	A+
5000±250	1730.11	90.11	97.05	97.07	96.02	101.11	A+
6000±300	1737.98	90.52	97.19	96.19	95.11	100.10	A+

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

Order code: LY240-S1808 W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
W30 → CCT:W20/W25/W27/W30/W35/W40/W50/W60

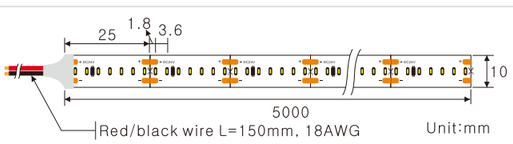
1808SMD 280LEDs LED STRIP

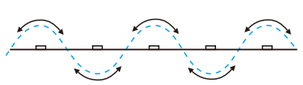
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white colors temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

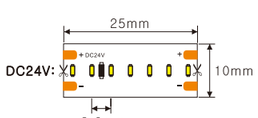
2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

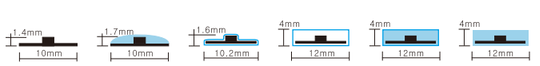
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | Warranty 5 Years

DIMENSIONS & WATERPROOF





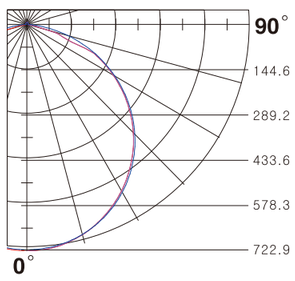




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.4mm
Chip density	280LEDs/m,3.6mm pitch
Step LEDs	7LEDs
Step length	25mm
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 CRI>95 6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI>95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class (CRI>95)
2000±100	1448.06	75.42	95.03	77.02	86.04	89.17	A
2500±100	1680.19	87.51	95.65	80.09	89.09	96.05	A+
2700±100	1744.13	90.84	96.07	89.05	90.12	99.08	A+
3000±100	1850.11	96.36	97.04	92.09	95.14	105.06	A+
3500±100	1920.19	100.01	97.11	97.14	94.20	103.08	A+
4000±200	2010.05	104.69	97.70	98.14	95.04	101.14	A+
5000±250	2048.06	106.67	97.08	97.19	96.02	101.13	A+
6000±300	2054.21	106.99	97.09	96.09	95.10	100.08	A+

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

Order code: LY280-S1808W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

CCT:W20/W25/W27/W30/W35/W40/W50/W60

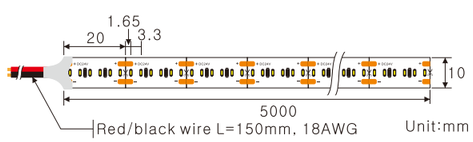
1808SMD 300LEDs LED STRIP

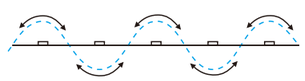
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white colors temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

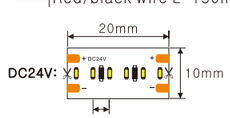
2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

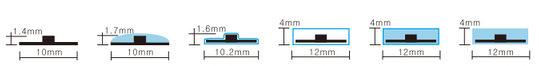
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | Warranty 5 Years

DIMENSIONS & WATERPROOF





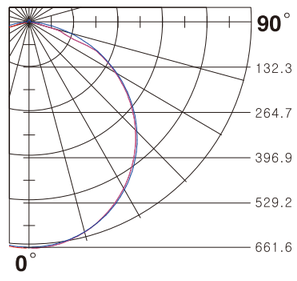




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.4mm
Chip density	300LEDs/m,3.3mm pitch
Step LEDs	6LEDs
Step length	20mm
Power(W)	20Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.84A
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>95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class (CRI>95)
2000±100	1320.00	66.00	95.07	77.09	86.15	89.10	A
2500±100	1536.20	76.81	95.62	80.11	89.16	96.01	A
2700±100	1608.00	80.40	96.13	89.09	90.15	99.11	A+
3000±100	1680.20	84.01	97.03	92.06	95.06	105.16	A+
3500±100	1770.00	88.50	97.17	97.08	94.05	103.03	A+
4000±200	1832.00	91.60	97.68	98.03	95.01	101.17	A+
5000±250	1868.20	93.41	97.18	97.02	96.18	101.11	A+
6000±300	1880.20	94.01	97.01	96.01	95.13	100.04	A+

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

Order code: LY300-S1808W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

CCT:W20/W25/W27/W30/W35/W40/W50/W60

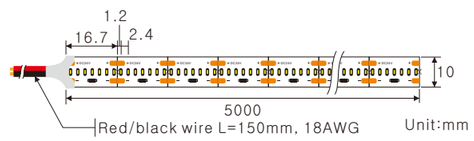
1808SMD 420LEDs LED STRIP

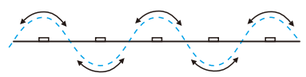
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white colors temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

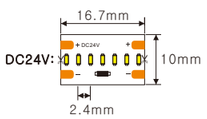
2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

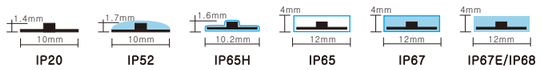
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Warranty Years

DIMENSIONS & WATERPROOF





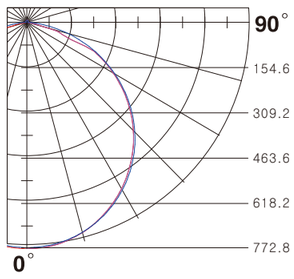




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.4mm
Chip density	420LEDs/m,2.4mm pitch
Step LEDs	7LEDs
Step length	16.7mm
Power(W)	20Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.84A
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>95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class (CRI>95)
2000±100	1548.00	77.40	95.14	77.14	86.18	89.16	A
2500±100	1800.00	90.00	95.66	80.12	89.01	96.16	A+
2700±100	1880.20	94.01	96.05	89.16	90.16	99.12	A+
3000±100	1980.00	99.00	97.17	92.20	95.07	105.04	A+
3500±100	2072.20	103.61	97.19	97.05	94.03	103.18	A+
4000±200	2148.20	107.41	97.63	98.14	95.10	101.20	A+
5000±250	2188.00	109.40	97.06	97.08	96.05	101.18	A+
6000±300	2196.20	109.81	97.20	96.07	95.09	100.08	A+

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

Order code: LY420-S1808 W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W30 → CCT:W20/W25/W27/W30/W35/W40/W50/W60

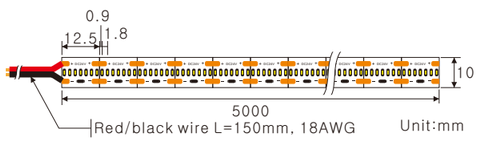
1808SMD 560LEDs LED STRIP

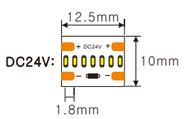
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white colors temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

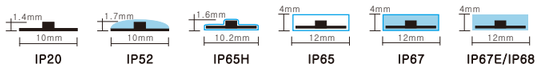
2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

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

DIMENSIONS & WATERPROOF



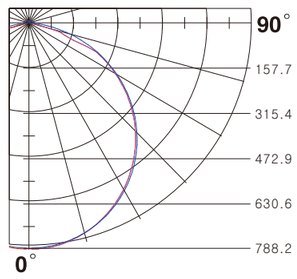




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.4mm
Chip density	560LEDs/m,1.8mm pitch
Step LEDs	7LEDs
Step length	12.5mm
Power(W)	20Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.84A
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>95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class (CRI>95)
2000±100	1584.20	79.21	95.15	77.02	86.12	89.13	A
2500±100	1840.00	92.00	95.55	80.09	89.12	96.01	A+
2700±100	1920.20	96.01	96.17	89.07	90.10	99.14	A+
3000±100	2016.20	100.81	97.18	92.05	95.07	105.02	A+
3500±100	2120.20	106.01	97.14	97.02	94.12	103.09	A+
4000±200	2196.00	109.80	97.51	98.07	95.15	101.12	A+
5000±250	2235.00	111.75	97.05	97.16	96.07	101.04	A+
6000±300	2240.00	112.00	97.03	96.15	95.10	100.02	A+

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

Order code: LY560-S1808 W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W30 → CCT:W20/W25/W27/W30/W35/W40/W50/W60

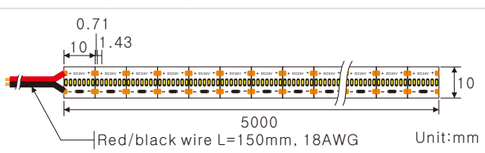
1808SMD 700LEDs LED STRIP

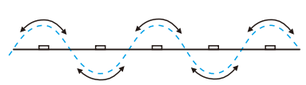
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white colors temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

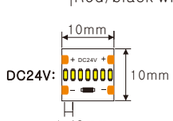
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

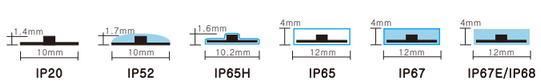
DIMENSIONS & WATERPROOF





Rmin=50mm

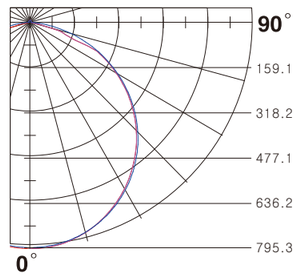




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.4mm
Chip density	700LEDs/m,1.43mm pitch
Step LEDs	7LEDs
Step length	10mm
Power(W)	20Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.84A
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>95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class (CRI>95)
2000±100	1594.20	79.71	95.03	77.09	86.01	89.01	A
2500±100	1854.20	92.71	95.61	80.06	89.11	96.04	A+
2700±100	1940.20	97.01	96.07	89.08	90.09	99.20	A+
3000±100	2030.20	101.51	97.20	92.16	95.15	105.19	A+
3500±100	2136.20	106.81	97.10	97.18	94.15	103.10	A+
4000±200	2210.00	110.50	97.66	98.03	95.20	101.12	A+
5000±250	2256.00	112.80	97.05	97.02	96.17	101.15	A+
6000±300	2260.20	113.01	97.06	96.01	95.19	100.08	A+

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

Order code: LY700-S1808 W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ CCT:W20/W25/W27/W30/W35/W40/W50/W60

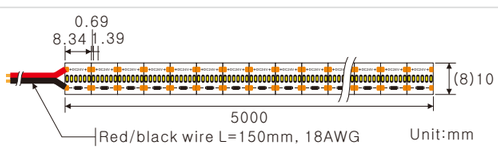
1808SMD 720LEDs LED STRIP

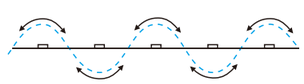
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white colors temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

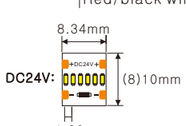
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

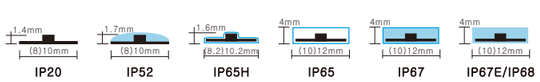
DIMENSIONS & WATERPROOF





Rmin=50mm

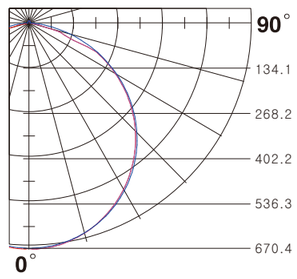




PRODUCT SPECIFICATION

Dimension	5000mmx(8)10mmx1.4mm
Chip density	720LEDs/m,1.39mm pitch
Step LEDs	6LEDs
Step length	8.34mm
Power(W)	20Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.84A
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>95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class (CRI>95)
2000±100	1340.20	67.01	95.11	77.14	86.20	89.12	A
2500±100	1560.20	78.01	95.66	80.10	89.02	96.13	A
2700±100	1634.00	81.70	96.16	89.14	90.05	99.20	A+
3000±100	1710.00	85.50	97.08	92.05	95.05	105.07	A+
3500±100	1800.20	90.01	97.01	97.04	94.14	103.16	A+
4000±200	1860.00	93.00	97.60	98.04	95.18	101.16	A+
5000±250	1900.20	95.01	97.07	97.11	96.19	101.08	A+
6000±300	1905.00	95.25	97.08	96.19	95.14	100.05	A+

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

Order code: LY720-S1808 W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ CCT:W20/W25/W27/W30/W35/W40/W50/W60

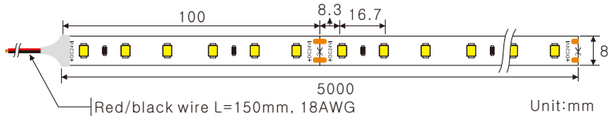
2835SMD 60LEDs LED STRIP

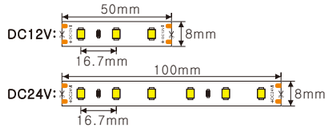
- 2835 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

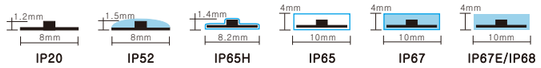
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

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

DIMENSIONS & WATERPROOF



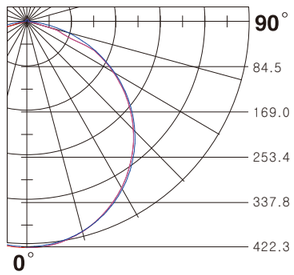




PRODUCT SPECIFICATION

Dimension	5000mmx8mmx1.2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	6LEDs(24V)/3LEDs(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)

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
2100±100	840.00 | 1170.00	70.00 | 97.50	91.68 | 81.51	69.03 | 7.16	86.20 | 81.02	101.15 | 90.04	A | A+
2400±100	924.12 | 1260.00	77.01 | 105.00	90.05 | 81.12	76.03 | 5.01	90.02 | 83.13	101.14 | 92.07	A+ | A+
2700±100	978.12 | 1320.12	81.51 | 110.01	91.16 | 82.2	78.14 | 8.15	89.04 | 82.1	100.1 | 96.06	A+ | A+
3000±100	1002.96 | 1380.12	83.58 | 115.01	91.18 | 82.31	79.03 | 6.18	90.05 | 81.06	102.18 | 92.04	A+ | A+
4000±200	1140.12 | 1410.24	95.01 | 117.52	94.05 | 82.63	77.18 | 5.16	90.16 | 78.15	99.05 | 95.03	A+ | A+
6000±300	1200.24 | 1428.12	100.02 | 119.01	92.17 | 82.13	82.06 | 6.11	91.15 | 86.01	101.03 | 96.12	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: LY60-S2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- W30 → CCT:W21/W24/W27/W30/W40/W60

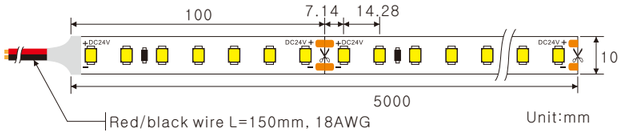
2835SMD 70LEDs LED STRIP

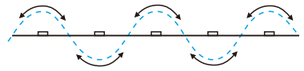
- 2835 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

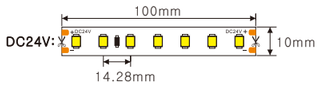
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

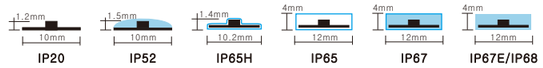
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF





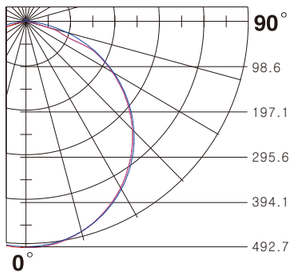




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	70LEDs/m,14.28mm pitch
Step LEDs	7LEDs
Step length	100mm
Power(W)	12Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.5A
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	EEI Class CRI>90 | CRI>80
2100±100	980.16 | 1365.00	81.68 | 113.75	91.56 | 81.54	69.09 | 7.10	86.04 | 81.02	101.19 | 90.02	A+ | A+
2400±100	1080.00 | 1470.12	90.00 | 122.51	90.05 | 81.10	76.10 | 5.01	90.09 | 83.05	101.12 | 92.06	A+ | A+
2700±100	1140.12 | 1540.20	95.01 | 128.35	91.04 | 82.04	78.14 | 8.04	89.06 | 82.17	100.02 | 96.13	A+ | A++
3000±100	1170.12 | 1610.04	97.51 | 134.17	91.02 | 82.30	79.06 | 6.11	90.20 | 81.12	102.03 | 92.04	A+ | A++
4000±200	1330.08 | 1638.12	110.84 | 136.51	94.08 | 82.69	77.05 | 5.20	90.13 | 78.09	99.16 | 95.06	A+ | A++
6000±300	1400.16 | 1652.16	116.68 | 137.68	92.16 | 82.19	82.04 | 6.18	91.14 | 86.18	101.11 | 96.02	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: LY70-S2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W30 → CCT:W21/W24/W27/W30/W40/W60

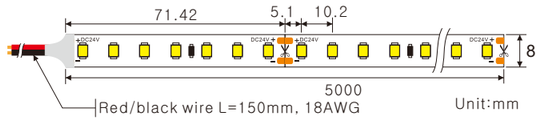
2835SMD 98LEDs LED STRIP

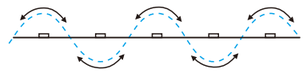
- 2835 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

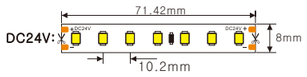
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

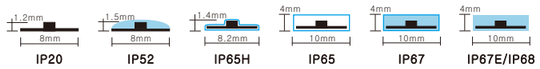
DIMENSIONS & WATERPROOF





Rmin=50mm

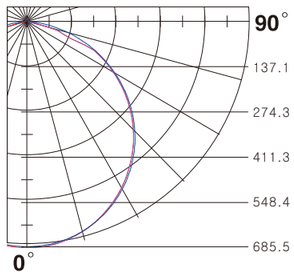




PRODUCT SPECIFICATION

Dimension	5000mmx8mmx1.2mm
Chip density	98LEDs/m,10.2mm pitch
Step LEDs	7LEDs
Step length	71.42mm
Power(W)	16.8Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.7A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2100±100	1420.01 | 1906.80	84.52 | 113.5	91.59 | 81.65	69.05 | 7.14	86.06 | 81.10	101.10 | 90.08	A+ | A+
2400±100	1512.10 | 2058	90.01 | 122.5	90.05 | 81.06	76.11 | 5.04	90.14 | 83.19	101.05 | 92.19	A+ | A+
2700±100	1596.12 | 2150.40	95.01 | 128	91.04 | 82.13	78.10 | 8.09	89.17 | 82.13	100.14 | 96.03	A+ | A+
3000±100	1638.15 | 2251.20	97.51 | 134	91.01 | 82.34	79.02 | 6.07	90.02 | 81.18	102.18 | 92.17	A+ | A+
4000±200	1860.19 | 2284.80	110.73 | 136	94.02 | 82.54	77.17 | 5.20	90.04 | 78.03	99.20 | 95.09	A+ | A+
6000±300	1948.16 | 2301.60	115.96 | 137	92.16 | 82.01	82.13 | 6.02	91.04 | 86.11	101.09 | 96.07	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: LY98-S2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

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

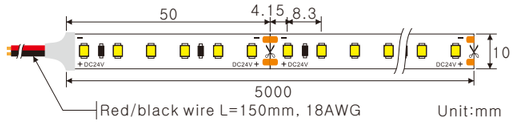
2835SMD 120LEDs LED STRIP

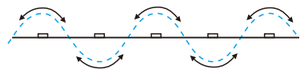
- 2835 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

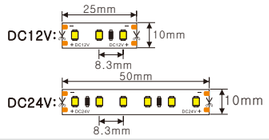
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

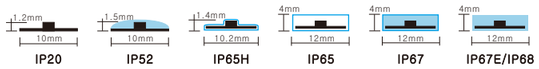
DIMENSIONS & WATERPROOF





Rmin=50mm

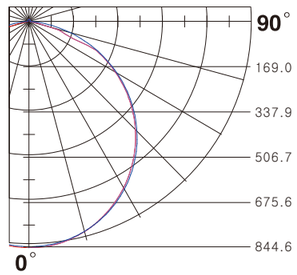




PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2100±100	1680.04 | 2340.17	70.00 | 97.51	91.62 | 81.67	69.18 | 7.20	86.08 | 81.09	101.10 | 90.16	A | A+
2400±100	1848.07 | 2520.10	77.00 | 105.00	90.08 | 81.09	76.10 | 5.08	90.14 | 83.15	101.03 | 92.03	A | A+
2700±100	1956.02 | 2640.07	81.50 | 110.00	91.13 | 82.04	78.10 | 8.18	89.09 | 82.18	100.06 | 96.15	A+ | A+
3000±100	2006.01 | 2760.05	83.58 | 115.00	91.16 | 82.26	79.15 | 6.13	90.14 | 81.08	102.08 | 92.20	A+ | A+
4000±200	2280.20 | 2820.07	95.01 | 117.50	94.10 | 82.68	77.14 | 5.08	90.17 | 78.06	99.11 | 95.14	A+ | A+
6000±300	2400.14 | 2856.05	100.01 | 119.00	92.10 | 82.18	82.20 | 6.02	91.07 | 86.10	101.11 | 96.11	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: LY120-S2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

Voltage:W12/W24

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

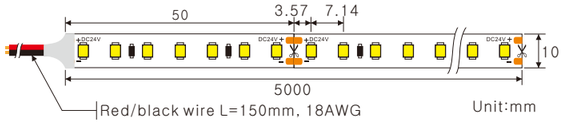
2835SMD 140LEDs LED STRIP

- 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

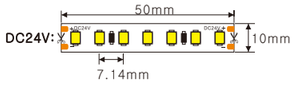
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

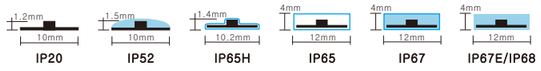
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF



R_{min}=50mm

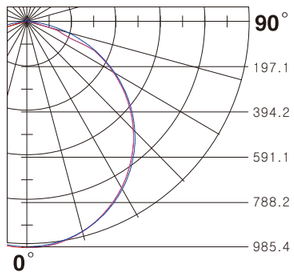




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	140LEDs/m,7.14mm pitch
Step LEDs	7LEDs
Step length	50mm
Power(W)	24Watt/meter
Voltage(V)	DC24V
Current(A/m)	1A(24V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2100±100	1960.07 | 2730.11	81.67 | 113.75	91.51 | 81.63	69.03 | 7.01	86.01 | 81.05	101.13 | 90.18	A+ | A+
2400±100	2160.03 | 2940.05	90.00 | 122.50	90.03 | 81.12	76.04 | 5.14	90.18 | 83.11	101.17 | 92.20	A+ | A+
2700±100	2280.11 | 3080.19	95.00 | 128.34	91.18 | 82.14	78.04 | 8.05	89.06 | 82.04	100.11 | 96.18	A+ | A++
3000±100	2340.01 | 3220.01	97.50 | 134.17	91.06 | 82.31	79.09 | 6.18	90.14 | 81.04	102.15 | 92.08	A+ | A++
4000±200	2660.01 | 3276.04	110.83 | 136.50	94.15 | 82.66	77.13 | 5.17	90.07 | 78.01	99.04 | 95.09	A+ | A++
6000±300	2800.20 | 3288.06	116.68 | 137.00	92.14 | 82.01	82.16 | 6.06	91.04 | 86.11	101.19 | 96.20	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: LY140-S2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W30 → CCT:W21/W24/W27/W30/W40/W60

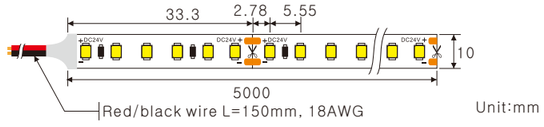
2835SMD 180LEDs LED STRIP

- 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

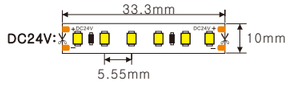
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

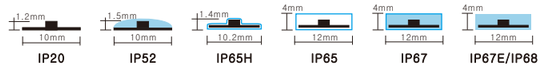
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF



R_{min}=50mm

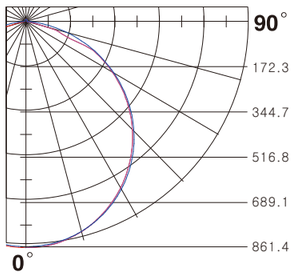




PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

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	EEI Class 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	A | A+
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	A | A+
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	A+ | A+
3000±100	2040.08 | 2817.19	85.00 | 117.38	91.07 | 82.21	79.11 | 6.20	90.07 | 81.10	102.06 | 92.02	A+ | A+
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	A+ | A+
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	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: LY180-S2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W30 → CCT:W21/W24/W27/W30/W40/W60

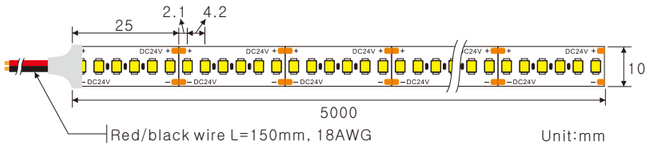
2835SMD 240LEDs LED STRIP

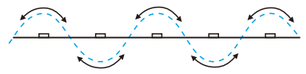
- 2835 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

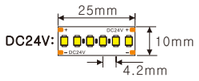
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

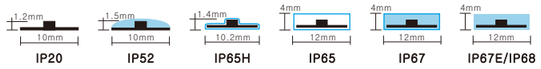
DIMENSIONS & WATERPROOF





R_{min}=50mm

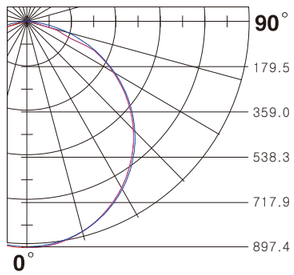




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	240LEDs/m,4.2mm pitch
Step LEDs	6LEDs
Step length	25mm
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)



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2100±100	1785.02 | 2484.05	74.38 | 103.50	91.56 | 81.65	69.18 | 7.17	86.04 | 81.03	101.06 | 90.02	A | A^{+}
2400±100	1960.14 | 2784.13	81.67 | 116.01	90.08 | 81.09	76.05 | 5.06	90.09 | 83.13	101.18 | 92.20	A^{+} | A^{+}
2700±100	2076.08 | 2808.06	86.50 | 117.00	91.05 | 82.10	78.09 | 8.03	89.06 | 82.11	100.12 | 96.02	A^{+} | A^{+}
3000±100	2128.18 | 2928.04	88.67 | 122.00	91.10 | 82.36	79.02 | 6.08	90.03 | 81.07	102.18 | 92.03	A^{+} | A^{+}
4000±200	2424.06 | 3000.14	101.00 | 125.01	94.12 | 82.53	77.08 | 5.07	90.07 | 78.08	99.13 | 95.10	A^{+} | A^{++}
6000±300	2550.16 | 3036.10	106.26 | 126.50	92.14 | 82.08	82.10 | 6.08	91.09 | 86.13	101.14 | 96.04	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: LY240-S2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ CCT:W21/W24/W27/W30/W40/W60

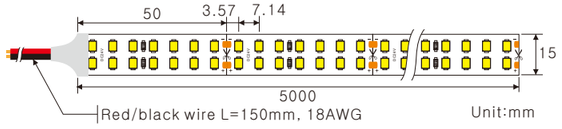
2835SMD 280LEDs LED STRIP

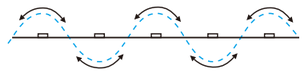
- 2835 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

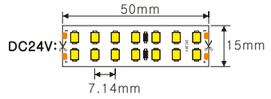
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

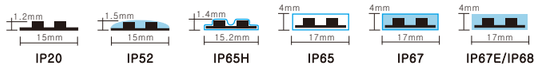
DIMENSIONS & WATERPROOF





R_{min}=50mm

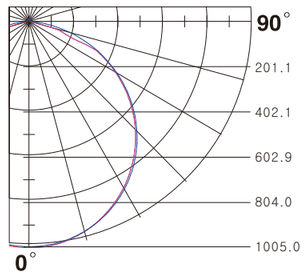




PRODUCT SPECIFICATION

Dimension	5000mmx15mmx1.2mm
Chip density	280LEDs/m,7.14mm pitch
Step LEDs	14LEDs
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)



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2100±100	1992.04 | 2784.02	83.00 | 116.00	91.56 | 81.70	69.04 | 7.10	86.09 | 81.13	101.09 | 90.05	A^{+} | A^{+}
2400±100	2196.19 | 3000.15	91.51 | 125.01	90.08 | 81.19	76.15 | 5.02	90.19 | 83.01	101.17 | 92.12	A^{+} | A^{++}
2700±100	2328.18 | 3144.05	97.01 | 131.00	91.14 | 82.03	78.05 | 8.16	89.07 | 82.15	100.15 | 96.09	A^{+} | A^{++}
3000±100	2376.05 | 3283.18	99.00 | 136.80	91.14 | 82.30	79.13 | 6.05	90.04 | 81.12	102.17 | 92.09	A^{+} | A^{++}
4000±200	2712.03 | 3360.13	113.00 | 140.01	94.17 | 82.58	77.17 | 5.02	90.16 | 78.09	99.04 | 95.17	A^{+} | A^{++}
6000±300	2856.07 | 3400.18	119.00 | 141.67	92.14 | 82.13	82.20 | 6.18	91.17 | 86.20	101.03 | 96.16	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: LY280-S2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ CCT:W21/W24/W27/W30/W40/W60

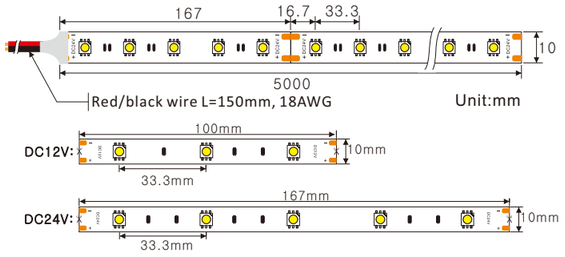
5050SMD 30LEDs LED STRIP

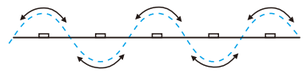
- 5050 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

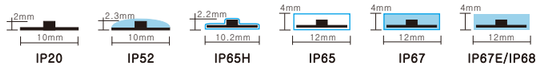
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF





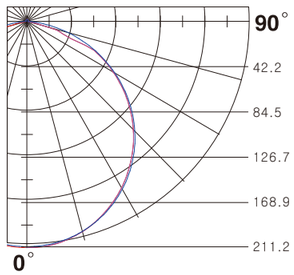
R_{min}=50mm



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	30LEDs/m,33.3mm pitch
Step LEDs	5LEDs(24V)/3LEDs(12V)
Step length	167mm(24V)/100mm(12V)
Power(W)	7.2Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.3A(24V)/0.6A(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	EEI Class CRI>90 | CRI>80
2100±100	380.11 | 520.09	52.79 | 72.23	91.04 | 81.39	75.18 | 4.10	89.10 | 80.18	101.16 | 98.10	A | A+
2400±100	490.02 | 630.07	68.06 | 87.51	91.56 | 81.77	73.14 | 3.76	90.07 | 82.01	100.15 | 96.10	A+ | A+
2700±100	525.11 | 690.05	72.93 | 95.84	92.78 | 82.17	78.08 | 5.14	91.03 | 81.09	102.14 | 98.12	A+ | A+
3000±100	555.20 | 715.02	77.11 | 99.31	92.16 | 82.68	72.04 | 4.63	88.15 | 82.16	101.18 | 95.05	A+ | A+
4000±200	585.14 | 729.15	81.27 | 101.27	91.60 | 82.20	75.08 | 3.54	90.05 | 81.49	101.03 | 91.09	A+ | A+
6000±300	600.14 | 750.16	83.35 | 104.19	92.24 | 83.17	76.15 | 6.19	89.12 | 82.03	100.19 | 96.09	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: LY30-S5050W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- W30 → CCT:W21/W24/W27/W30/W40/W60

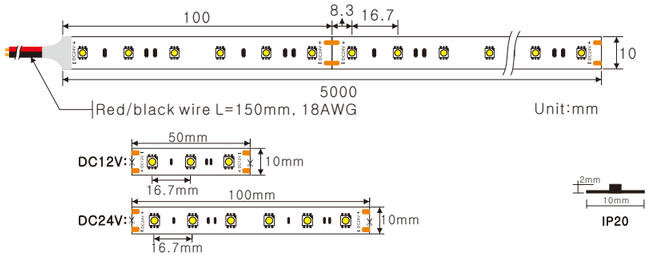
5050SMD 60LEDs LED STRIP

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

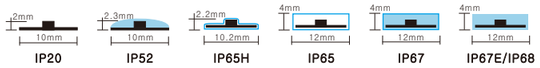
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

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

DIMENSIONS & WATERPROOF



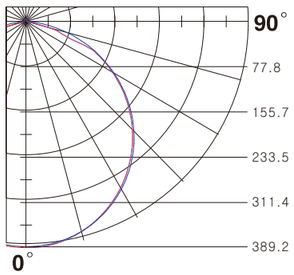
R_{min}=50mm



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	EEI Class CRI>90 | CRI>80
2100±100	777.01 | 1065.07	53.96 | 73.96	91.10 | 81.50	75.15 | 4.17	89.03 | 80.07	101.03 | 98.14	A | A
2400±100	1008.17 | 1296.20	70.01 | 90.01	91.57 | 81.65	73.06 | 3.70	90.07 | 82.08	100.12 | 96.14	A | A+
2700±100	1080.03 | 1418.20	75.00 | 98.49	92.69 | 82.06	78.09 | 5.04	91.18 | 81.07	102.11 | 98.10	A | A+
3000±100	1137.11 | 1468.14	78.97 | 101.95	92.02 | 82.53	72.14 | 4.55	88.02 | 82.04	101.07 | 95.15	A+ | A+
4000±200	1195.10 | 1497.04	82.99 | 103.96	91.44 | 82.08	75.03 | 3.68	90.10 | 81.49	101.05 | 91.08	A+ | A+
6000±300	1235.03 | 1540.12	85.77 | 106.95	92.36 | 83.14	76.05 | 6.19	89.03 | 82.20	100.01 | 96.10	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: LY60-S5050W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- W30 → CCT:W21/W24/W27/W30/W40/W60

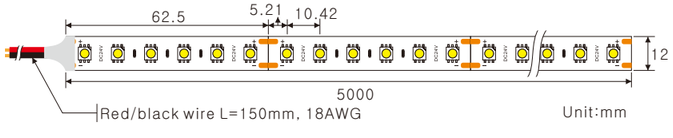
5050SMD 96LEDs LED STRIP

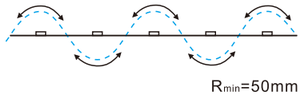
- 5050 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

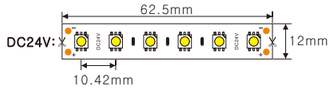
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

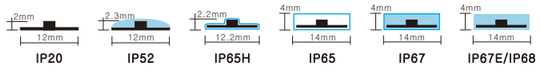
DIMENSIONS & WATERPROOF





R_{min}=50mm

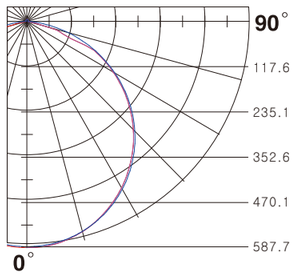




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	96LEDs/m,10.42mm pitch
Step LEDs	6LEDs
Step length	62.5mm
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 CRI>90 6000K)



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2100±100	1056.05 | 1440.09	55.00 | 75.00	91.16 | 81.34	75.11 | 4.15	89.16 | 80.06	101.17 | 98.06	A | A
2400±100	1362.02 | 1748.04	70.94 | 91.04	91.65 | 81.76	73.04 | 3.64	90.17 | 82.15	100.17 | 96.05	A | A+
2700±100	1459.01 | 1910.13	75.99 | 99.49	92.74 | 82.13	78.10 | 5.14	91.08 | 81.02	102.18 | 98.17	A | A+
3000±100	1536.13 | 1977.20	80.01 | 102.98	92.09 | 82.66	72.19 | 4.70	88.10 | 82.20	101.08 | 95.14	A | A+
4000±200	1612.19 | 2016.09	83.97 | 105.00	91.58 | 82.09	75.13 | 3.67	90.01 | 81.31	101.13 | 91.01	A+ | A+
6000±300	1670.09 | 2073.17	86.98 | 107.98	92.24 | 83.09	76.07 | 6.17	89.19 | 82.17	100.03 | 96.04	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-S5050W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W30 → CCT:W21/W24/W27/W30/W40/W60

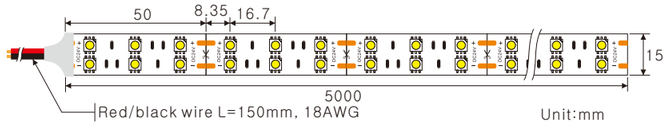
5050SMD 120LEDs LED STRIP

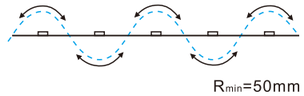
- 5050 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

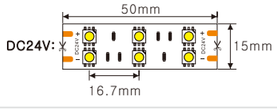
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

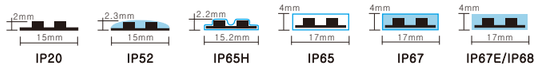
DIMENSIONS & WATERPROOF





R_{min}=50mm

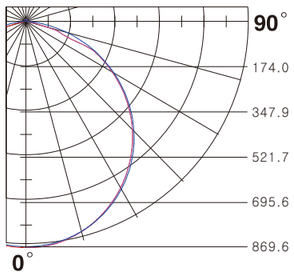




PRODUCT SPECIFICATION

Dimension	5000mmx15mmx2mm
Chip density	120LEDs/m,16.7mm pitch
Step LEDs	6LEDs
Step length	50mm
Power(W)	28.8Watt/meter
Voltage(V)	DC24V
Current(A/m)	1.2A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2100±100	1555.13 | 2131.18	54.00 | 74.00	91.09 | 81.50	75.10 | 4.18	89.08 | 80.13	101.18 | 98.11	B | A
2400±100	2016.19 | 2590.19	70.01 | 89.94	91.68 | 81.75	73.03 | 3.72	90.14 | 82.05	100.13 | 96.10	A | A+
2700±100	2160.16 | 2830.09	75.01 | 98.27	92.73 | 82.09	78.10 | 5.12	91.17 | 81.20	102.03 | 98.05	A | A+
3000±100	2275.20 | 2937.09	79.00 | 101.98	92.04 | 82.68	72.17 | 4.62	88.02 | 82.15	101.12 | 95.18	A | A+
4000±200	2390.11 | 2995.14	82.99 | 104.00	91.45 | 82.06	75.01 | 3.51	90.01 | 81.50	101.20 | 91.16	A+ | A+
6000±300	2471.15 | 3081.03	85.80 | 106.98	92.36 | 83.04	76.16 | 6.09	89.05 | 82.15	100.14 | 96.19	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: LY120-S5050W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W30 → CCT:W21/W24/W27/W30/W40/W60

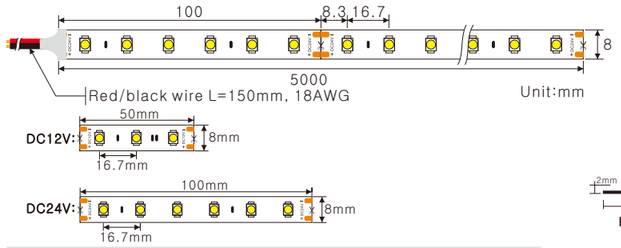
3528SMD 60LEDs LED STRIP

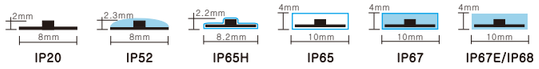
- 3528 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

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

DIMENSIONS & WATERPROOF

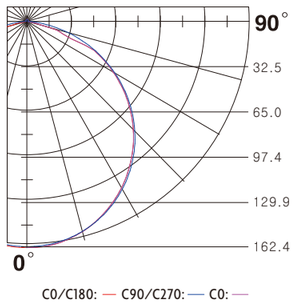




PRODUCT SPECIFICATION

Dimension	5000mmx8mmx2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step length	100mm(24V)/50mm(12V)
Power(W)	4.8Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.2A(24V)/0.4A(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	EEI Class CRI>90 | CRI>80
2100±100	259.04 | 345.02	54.17 | 72.15	93.14 | 82.09	72.01 | 6.15	87.16 | 80.08	101.04 | 91.09	A | A+
2400±100	353.03 | 408.05	73.77 | 85.18	92.17 | 82.49	80.07 | 8.11	90.16 | 79.02	103.03 | 93.18	A+ | A+
2700±100	365.06 | 472.07	76.32 | 98.55	93.10 | 82.62	78.18 | 6.19	91.20 | 81.17	105.04 | 94.07	A+ | A+
3000±100	393.07 | 480.04	82.10 | 100.11	92.69 | 81.77	84.13 | 5.20	91.08 | 82.16	102.11 | 92.17	A+ | A+
4000±200	410.03 | 504.01	85.78 | 105.05	91.13 | 82.15	70.17 | 5.09	91.02 | 80.14	101.10 | 93.14	A+ | A++
6000±300	420.01 | 508.06	87.69 | 106.16	91.68 | 82.61	77.12 | 6.04	90.13 | 78.08	101.06 | 92.12	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: LY60-S3528W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- W30 → CCT:W21/W24/W27/W30/W40/W60

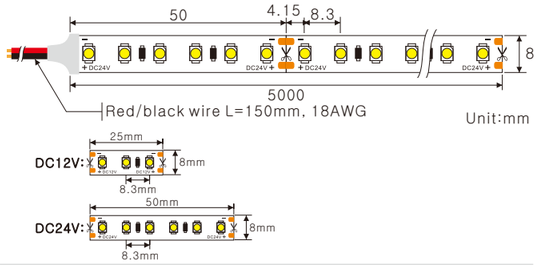
3528SMD 120LEDs LED STRIP

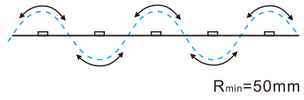
- 3528 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

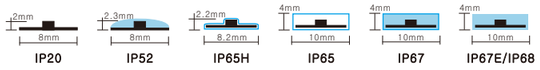
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

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

DIMENSIONS & WATERPROOF



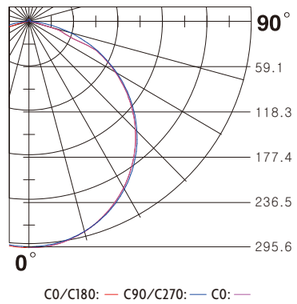




PRODUCT SPECIFICATION

Dimension	5000mmx8mmx2mm
Chip density	120LEDs/m,8.3mm pitch
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step length	50mm(24V)/25mm(12V)
Power(W)	9.6Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.4A(24V)/0.8A(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	EEI Class CRI>90 | CRI>80
2100±100	518.04 | 690.01	53.96 | 71.88	93.01 | 82.10	72.10 | 6.20	87.09 | 80.06	101.06 | 91.09	A | A+
2400±100	700.11 | 816.16	72.93 | 85.02	92.02 | 82.50	80.12 | 8.09	90.20 | 79.08	103.19 | 93.20	A+ | A+
2700±100	730.17 | 944.14	76.06 | 98.35	93.03 | 82.66	78.20 | 6.18	91.18 | 81.09	105.15 | 94.08	A+ | A+
3000±100	786.04 | 960.16	81.88 | 100.02	92.58 | 81.74	84.05 | 5.08	91.20 | 82.03	102.13 | 92.06	A+ | A+
4000±200	820.11 | 1008.13	85.43 | 105.01	91.06 | 82.03	70.15 | 5.13	91.11 | 80.09	101.19 | 93.05	A+ | A+
6000±300	840.15 | 1015.18	87.52 | 105.75	91.63 | 82.67	77.16 | 6.02	90.12 | 78.15	101.05 | 92.04	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: LY120-S3528W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- W30 → CCT:W21/W24/W27/W30/W40/W60

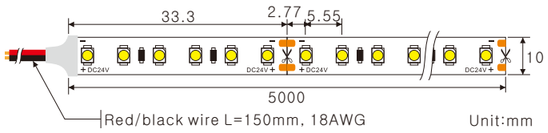
3528SMD 180LEDs LED STRIP

- 3528 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

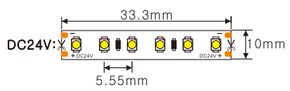
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

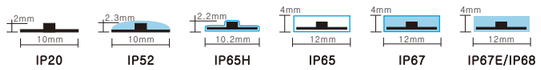
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF



R_{min}=50mm

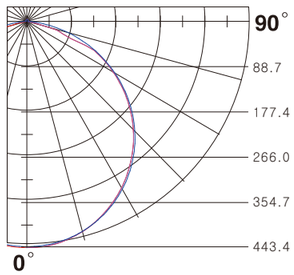




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	180LEDs/m,5.55mm pitch
Step LEDs	6LEDs
Step length	33.3mm
Power(W)	14.4Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.6A
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	EEI Class CRI>90 | CRI>80
2100±100	776.19 | 1035.07	53.90 | 71.88	93.12 | 82.03	72.03 | 6.11	87.06 | 80.11	101.11 | 91.08	A | A
2400±100	1059.10 | 1224.02	73.55 | 85.00	92.12 | 82.54	80.14 | 8.01	90.12 | 79.17	103.18 | 93.20	A | A+
2700±100	1095.14 | 1415.14	76.05 | 98.27	93.11 | 82.61	78.19 | 6.03	91.03 | 81.14	105.15 | 94.20	A | A+
3000±100	1179.05 | 1440.08	81.88 | 100.01	92.61 | 81.73	84.07 | 5.15	91.11 | 82.09	102.20 | 92.03	A+ | A+
4000±200	1230.03 | 1512.09	85.42 | 105.01	91.05 | 82.16	70.11 | 5.10	91.08 | 80.10	101.04 | 93.07	A+ | A+
6000±300	1260.19 | 1520.16	87.51 | 105.57	91.51 | 82.70	77.10 | 6.02	90.05 | 78.06	101.12 | 92.19	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: LY180-S3528W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

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

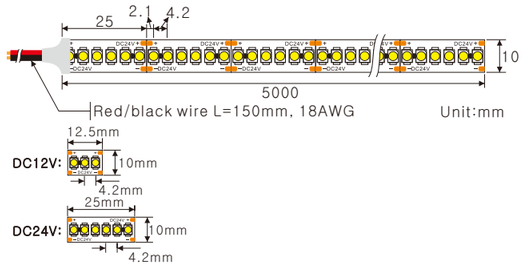
3528SMD 240LEDs LED STRIP

- 3528 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

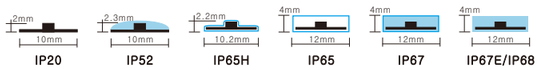
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

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

DIMENSIONS & WATERPROOF



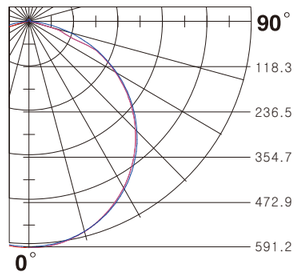
R_{min}=50mm



PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	240LEDs/m,4.2mm pitch
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step length	25mm(24V)/12.5mm(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 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	EEI Class CRI>90 | CRI>80
2100±100	1036.14 | 1380.05	53.97 | 71.88	93.19 | 82.08	72.16 | 6.16	87.19 | 80.09	101.02 | 91.15	B | A
2400±100	1412.05 | 1632.07	73.54 | 85.00	92.19 | 82.45	80.17 | 8.08	90.09 | 79.16	103.05 | 93.14	A | A+
2700±100	1460.10 | 1888.18	76.05 | 98.34	93.08 | 82.53	78.08 | 6.07	91.06 | 81.20	105.06 | 94.16	A | A+
3000±100	1572.14 | 1920.03	81.88 | 100.00	92.60 | 81.74	84.07 | 5.06	91.16 | 82.17	102.14 | 92.13	A+ | A+
4000±200	1640.11 | 2016.15	85.42 | 105.01	91.10 | 82.02	70.11 | 5.14	91.13 | 80.12	101.05 | 93.04	A+ | A+
6000±300	1680.03 | 2032.16	87.50 | 105.84	91.58 | 82.72	77.03 | 6.02	90.01 | 78.08	101.19 | 92.11	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: LY240-S3528W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

Voltage:W12/W24

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

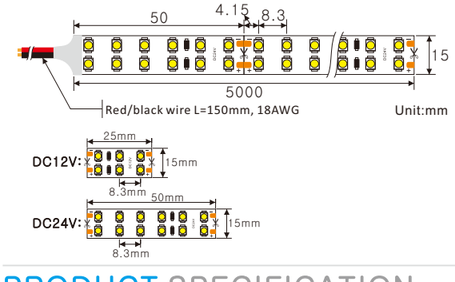
3528SMD 240LEDs LED STRIP

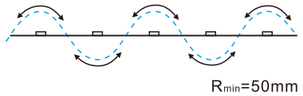
- 3528 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

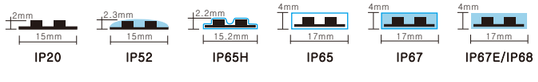
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 YEARS WARRANTY

DIMENSIONS & WATERPROOF





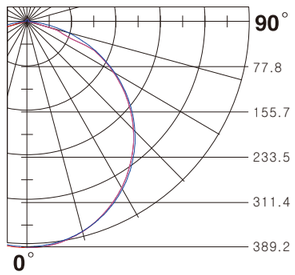
R_{min}=50mm



PRODUCT SPECIFICATION

Dimension	5000mmx15mmx2mm
Chip density	240LEDs/m,8.3mm pitch
Step LEDs	12LEDs(24V)/6LEDs(12V)
Step length	50mm(24V)/25mm(12V)
Power(W)	19.2Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.8A(24V)/1.6A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2100±100	1036.07 | 1380.15	53.96 | 71.88	93.08 | 82.0	72.20 | 6.05	87.05 | 80.20	101.06 | 91.10	B | A
2400±100	1412.03 | 1632.06	73.54 | 85.00	92.03 | 82.4	80.08 | 8.13	90.18 | 79.02	103.07 | 93.08	A | A+
2700±100	1460.09 | 1888.19	76.05 | 98.34	93.08 | 82.5	78.20 | 6.18	91.16 | 81.07	105.04 | 94.02	A | A+
3000±100	1572.16 | 1920.06	81.88 | 100.00	92.53 | 81.6	84.17 | 5.02	91.19 | 82.13	102.18 | 92.09	A+ | A+
4000±200	1640.16 | 2016.12	85.43 | 105.01	91.02 | 82.0	70.10 | 5.11	91.19 | 80.04	101.09 | 93.02	A+ | A+
6000±300	1680.06 | 2032.20	87.50 | 105.84	91.54 | 82.6	77.10 | 6.03	90.07 | 78.10	101.12 | 92.15	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: LY240-S3528W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- W30 → CCT:W21/W24/W27/W30/W40/W60

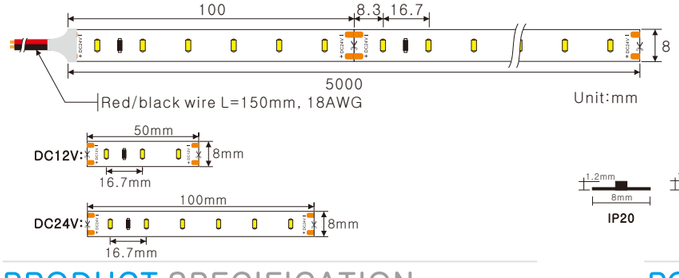
3014SMD 60LEDs LED STRIP

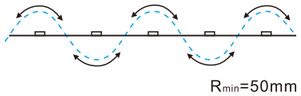
- 3014 LED with broader luminous surface
- Self-encapsulated design offers optional 2700-6000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

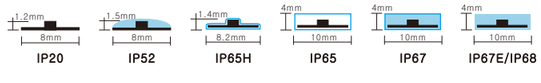
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 YEARS WARRANTY

DIMENSIONS & WATERPROOF





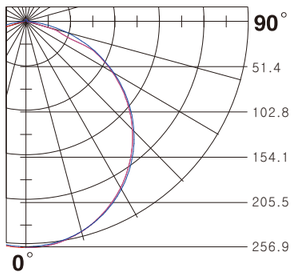
R_{min}=50mm



PRODUCT SPECIFICATION

Dimension	5000mmx8mmx1.2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step length	100mm(24V)/50mm(12V)
Power(W)	7.2Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.3A(24V)/0.6A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2700±100	636.04 | 756.04	88.34 | 105.01	90.20 | 81.65	65.13 | 4.55	90.06 | 80.06	99.12 | 96.17	A+ | A+
3000±100	640.14 | 774.16	88.91 | 107.52	91.07 | 82.10	66.08 | 6.03	90.20 | 82.12	99.11 | 96.12	A+ | A+
4000±200	714.20 | 792.18	99.19 | 110.03	90.07 | 83.16	72.06 | 10.08	89.12 | 81.15	98.17 | 94.19	A+ | A+
6000±300	730.13 | 800.12	101.41 | 111.13	89.05 | 83.16	69.03 | 7.05	87.09 | 79.09	96.06 | 95.13	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: LY60-S3014W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- W30 → CCT:W27/W30/W40/W60

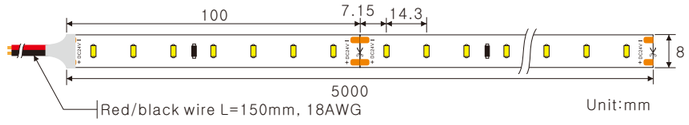
3014SMD 70LEDs LED STRIP

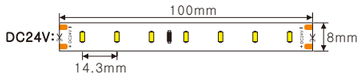
- 3014 LED with broader luminous surface
- Self-encapsulated design offers optional 2700-6000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

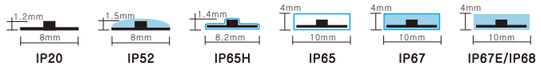
2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

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

DIMENSIONS & WATERPROOF



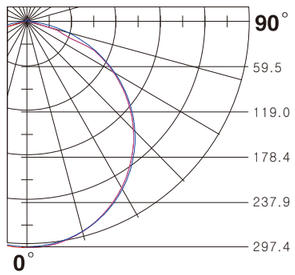




PRODUCT SPECIFICATION

Dimension	5000mmx8mmx1.2mm
Chip density	70LEDs/m,14.3mm pitch
Step LEDs	7LEDs
Step length	100mm
Power(W)	7.2Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.3A
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	EEI Class CRI>90 | CRI>80
2700±100	742.18 | 882.11	103.08 | 122.52	90.12 | 81.68	65.09 | 4.61	90.04 | 80.02	99.14 | 96.19	A+ | A++
3000±100	756.01 | 900.11	105.00 | 125.02	91.06 | 82.17	66.02 | 6.07	90.05 | 82.19	99.11 | 96.20	A+ | A++
4000±200	833.07 | 924.18	115.70 | 128.36	90.03 | 83.13	72.16 | 10.15	89.13 | 81.18	98.06 | 94.04	A++ | A++
6000±300	845.08 | 928.03	117.37 | 128.89	89.16 | 83.19	69.16 | 7.03	87.09 | 79.04	96.15 | 95.03	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: LY70-S3014W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W30 → CCT:W27/W30/W40/W60

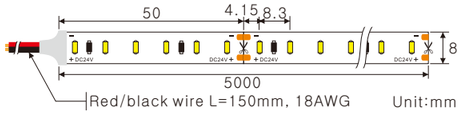
3014SMD 120LEDs LED STRIP

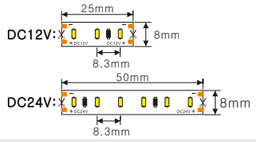
- 3014 LED with broader luminous surface
- Self-encapsulated design offers optional 2700-6000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

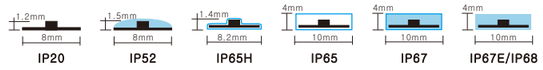
2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

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

DIMENSIONS & WATERPROOF



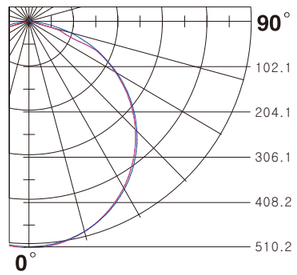




PRODUCT SPECIFICATION

Dimension	5000mmx8mmx1.2mm
Chip density	120LEDs/m,8.3mm pitch
Step LEDs	6LEDs(24V)/3LEDs(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	EEI Class CRI>90 | CRI>80
2700±100	1270.09 | 1510.18	88.20 | 104.87	90.04 | 81.64	65.09 | 4.63	90.04 | 80.19	99.06 | 96.13	A+ | A+
3000±100	1278.19 | 1550.03	88.76 | 107.64	91.02 | 82.05	66.04 | 6.04	90.02 | 82.20	99.11 | 96.01	A+ | A+
4000±200	1425.09 | 1580.17	98.96 | 109.73	90.06 | 83.15	72.10 | 10.08	89.02 | 81.08	98.20 | 94.06	A+ | A+
6000±300	1450.02 | 1598.02	100.70 | 110.97	89.11 | 83.13	69.16 | 7.16	87.07 | 79.14	96.05 | 95.14	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: LY120-S3014W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W24 → Voltage:W12/W24

W30 → CCT:W27/W30/W40/W60

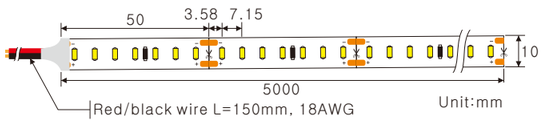
3014SMD 140LEDs LED STRIP

- 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

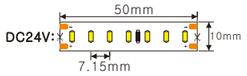
2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

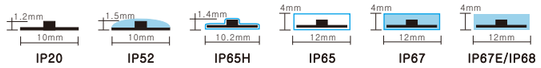
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF



R_{min}=50mm

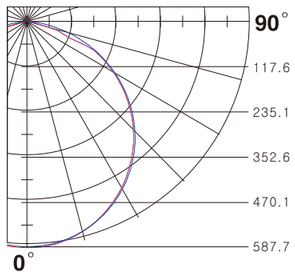




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	140LEDs/m,7.15mm pitch
Step LEDs	7LEDs
Step length	50mm
Power(W)	14.4Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.6A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2700±100	1483.05 | 1750.17	102.99 | 121.54	90.01 | 81.70	65.18 | 4.56	90.02 | 80.18	99.04 | 96.16	A+ | A+
3000±100	1510.04 | 1800.02	104.86 | 125.00	91.18 | 82.18	66.01 | 6.02	90.03 | 82.18	99.18 | 96.08	A+ | A++
4000±200	1660.05 | 1840.15	115.28 | 127.79	90.20 | 83.16	72.18 | 10.16	89.04 | 81.19	98.05 | 94.02	A+ | A++
6000±300	1670.08 | 1850.15	115.98 | 128.48	89.07 | 83.16	69.03 | 7.19	87.05 | 79.05	96.03 | 95.18	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: LY140-S3014W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

CCT:W27/W30/W40/W60

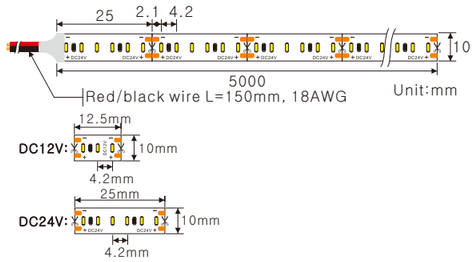
3014SMD 240LEDs LED STRIP

- 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

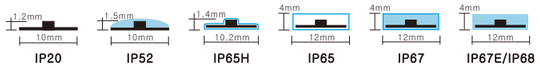
2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

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

DIMENSIONS & WATERPROOF



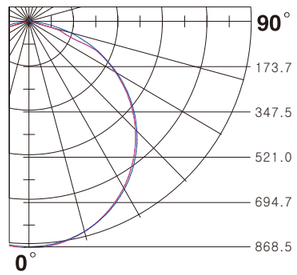
R_{min}=50mm



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)



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2700±100	2140.05 | 2560.04	89.17 | 106.67	90.17 | 81.68	65.1 | 4.64	90.1 | 80.03	99.19 | 96.04	A+ | A+
3000±100	2160.09 | 2610.03	90.00 | 108.75	91.08 | 82.09	66.07 | 6.07	90.02 | 82.08	99.19 | 96.08	A+ | A+
4000±200	2433.13 | 2640.09	101.38 | 110.00	90.05 | 83.06	72.12 | 10.16	89.07 | 81.14	98.17 | 94.03	A+ | A+
6000±300	2468.02 | 2640.04	102.83 | 110.00	89.14 | 83.12	69.06 | 7.13	87.09 | 79.11	96.19 | 95.18	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: LY240-S3014W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

Voltage:W12/W24

CCT:W27/W30/W40/W60

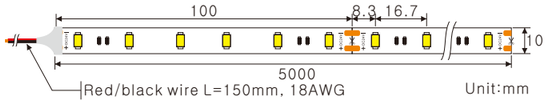
5630SMD 60LEDs LED STRIP

- 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

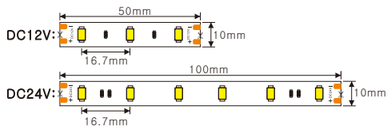
2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

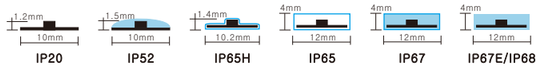
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF



R_{min}=50mm

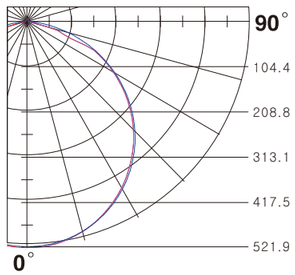




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
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	EEI Class CRI>90 | CRI>80
2700±100	1195.15 | 1411.17	83.00 | 98.00	90.17 | 81.35	56.10 | 5.03	89.20 | 81.03	99.13 | 4.17	A+ | A+
3000±100	1375.12 | 1584.20	95.49 | 110.01	90.64 | 82.13	55.01 | 7.11	88.17 | 76.03	98.18 | 6.07	A+ | A+
4000±200	1468.20 | 1680.19	101.96 | 116.68	91.11 | 81.06	65.12 | 5.13	89.19 | 82.01	100.14 | 5.10	A+ | A+
6250±250	1483.15 | 1700.11	103.00 | 118.06	90.30 | 81.66	48.08 | 6.06	86.19 | 80.07	99.02 | 3.53	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: LY60-S5630W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- W30 → CCT:W27/W30/W40/W60

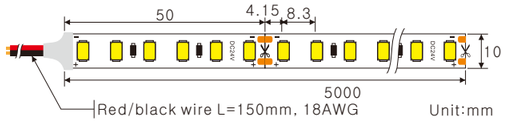
5630SMD 120LEDs LED STRIP

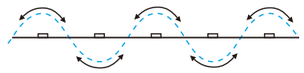
- 5630 LED with broader luminous surface
- Self-encapsulated design offers optional 2700-6000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

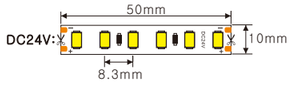
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

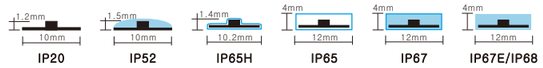
DIMENSIONS & WATERPROOF





R_{min}=50mm

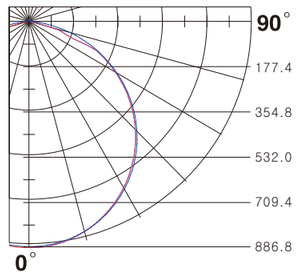




PRODUCT SPECIFICATION

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	EEI Class CRI>90 | CRI>80
2700±100	2035.07 | 2400.14	84.79 | 100.01	90.05 | 81.22	56.16 | 5.04	89.19 | 81.08	99.04 | 4.03	A+ | A+
3000±100	2340.13 | 2700.14	97.51 | 112.51	90.69 | 82.14	55.09 | 7.08	88.05 | 76.20	98.13 | 6.11	A+ | A+
4000±200	2495.12 | 2856.03	103.96 | 119.00	91.16 | 81.01	65.14 | 5.17	89.12 | 82.05	100.13 | 5.06	A+ | A+
6250±250	2520.09 | 2892.06	105.00 | 120.50	90.32 | 81.62	48.07 | 6.06	86.05 | 80.06	99.03 | 3.63	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: LY120-S5630W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W30 → CCT:W27/W30/W40/W60

Tunable white series

This series is designed with dynamic color changes together with the possibility of modulating the CCT and brightness, offering important opportunities for designing and creating environments with a variety of styles in various spaces, such as home, casino and hotel.

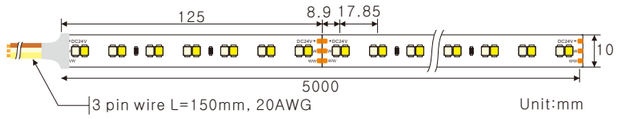
TW STRIP 2835SMD 112LEDs

- 2835 LED Warm white+cool white tunable strip
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

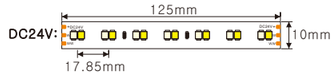
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

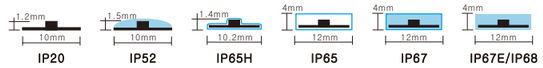
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF



R_{min}=50mm

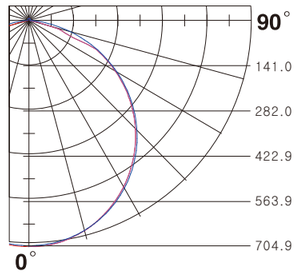




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	112LEDs/m,17.85mm pitch
Step LEDs	14LEDs
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 CRI>90 2700K+6000K)



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2700±100	911.64 | 1231.15	94.96 | 128.24	95.34 | 85.94	81.64 | 9.23	94.99 | 85.00	100.18 | 96.59	B | A
6000±300	1120.01 | 1325.36	116.67 | 138.06	95.20 | 87.77	87.95 | 11.98	91.96 | 88.12	104.85 | 101.21	A | A
2700+6000	2003.15 | 2500.13	104.33 | 130.22	96.50 | 86.15	82.57 | 10.89	95.04 | 78.52	100.08 | 98.55	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: LY112-S2835TW2760-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

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

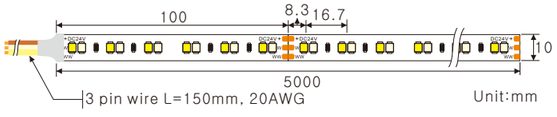
TW STRIP 2835SMD 120LEDs

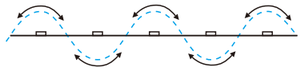
- 2835 LED Warm white+cool white tunable strip
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

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

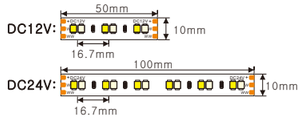
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 YEARS WARRANTY

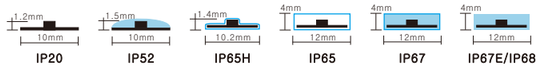
DIMENSIONS & WATERPROOF





R_{min}=50mm

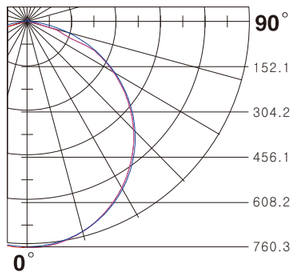




PRODUCT SPECIFICATION

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 2700K+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	EEI Class CRI>90 | CRI>80
2700±100	978.14 | 1320.49	81.51 | 110.04	92.00 | 83.72	83.33 | 10.21	90.21 | 84.15	104.36 | 100.99	B | B
6000±300	1204.12 | 1429.76	100.34 | 119.15	94.97 | 83.29	84.60 | 8.35	92.21 | 90.49	104.74 | 99.19	B | A
2700+6000	2160.58 | 2753.01	90.02 | 114.71	97.29 | 85.07	78.15 | 8.15	93.58 | 81.23	104.10 | 98.76	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: LY120-S2835TW2760-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- TW2760 → CCT:TW2160/TW2460/TW2760/TW3060...

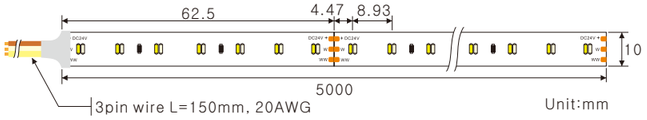
TW STRIP 3014SMD 224LEDs

- 3014 LED Warm white+cool white tunable strip
- 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

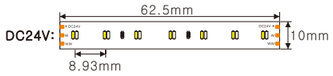
2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

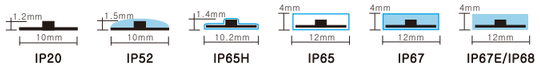
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 YEARS WARRANTY

DIMENSIONS & WATERPROOF



R_{min}=50mm

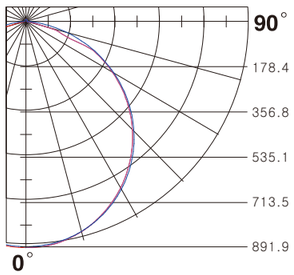




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	224LEDs/m,8.93mm pitch
Step LEDs	14LEDs
Step length	62.5mm
Power(W)	23Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.95A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 CRI>90 2700K+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	EEI Class CRI>90 | CRI>80
2700±100	1191.56 | 1414.46	103.61 | 123.00	91.91 | 84.04	65.81 | 5.10	90.45 | 82.17	104.40 | 96.05	B | A
6000±300	1367.50 | 1488.48	118.91 | 129.43	89.53 | 85.29	74.74 | 12.45	90.10 | 83.05	99.33 | 97.66	A | A
2700+6000	2534.63 | 2864.25	110.20 | 124.53	92.26 | 86.82	75.44 | 12.68	92.22 | 84.60	101.41 | 94.68	A* | A**

Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm.

Order code: LY224-S3014TW2760-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- TW2760 → CCT:TW2760/TW3060/TW4060...

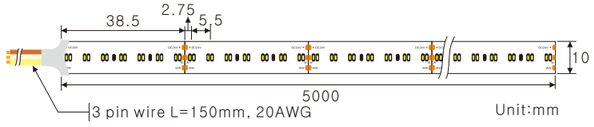
TW STRIP 1808SMD 364LEDs

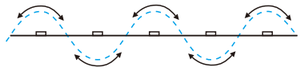
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white colors temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

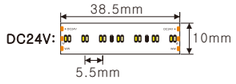
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | Warranty 5 Years

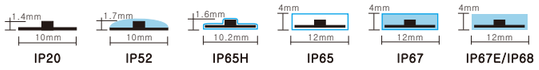
DIMENSIONS & WATERPROOF





R_{min}=50mm

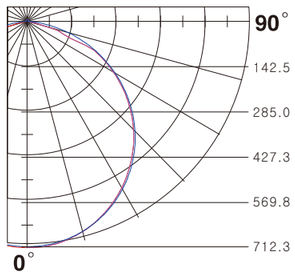




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.4mm
Chip density	364LEDs/m,5.5mm pitch
Step LEDs	14LEDs
Step length	38.5mm
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 2700K+6000K)



PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI > 95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class
2700±100	951.2	95.12	96.14	92.12	90.82	91.11	B
6000±300	1002.8	100.28	97.21	96.15	96.39	100.43	B
2700+6000	2024.20	101.21	98.28	97.25	97.35	100.18	A+

Order code: LY364-S1808TW2760-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ CCT:TW2060/TW2560/TW2760/TW3060...

TW STRIP 1808SMD 240LEDs

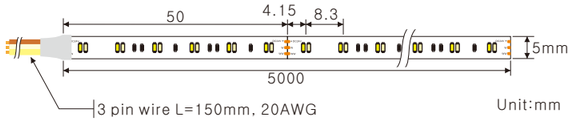
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white colors temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

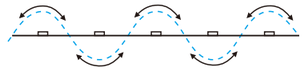
2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

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

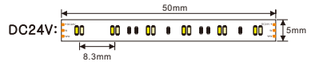
Tunable White

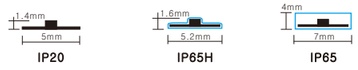
DIMENSIONS & WATERPROOF





R_{min}=50mm

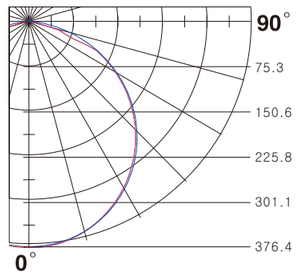




PRODUCT SPECIFICATION

Dimension	5000mmx5mmx1.4mm
Chip density	240LEDs/m,8.3mm pitch
Step LEDs	12LEDs
Step length	50mm
Power(W)	12Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.5A
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 > 95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class
2700±100	493.27	82.21	97.62	91.23	93.53	93.39	B
6000±300	581.46	96.91	96.85	94.66	96.39	97.85	B
2700+6000	1069.61	89.13	98.25	95.24	98.45	101.53	A+

Order code: LY240-S1808TW2760-W24-IP20 → IP20/IP65H/IP65

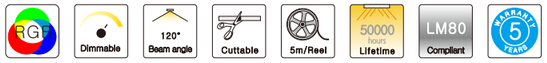
→ CCT:TW2060/TW2560/TW2760/TW3060...

RGBX colorful series

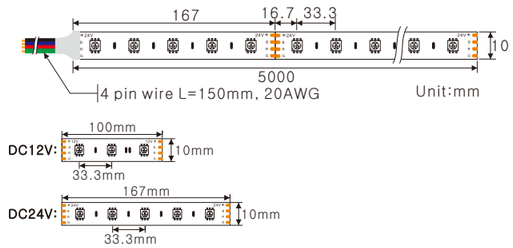
This series can be connected to the lighting control system or work with the independent controller. It is widely used in residential space, exhibition, leisure & entertainment environments, and decoration lighting, atmosphere creation and scenarios change in holidays

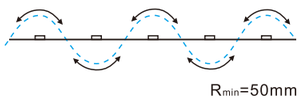
RGB 5050SMD 30LEDs

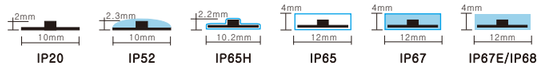
- 5050 LED with broader luminous surface
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- widely adaptable to all types of controllers



DIMENSIONS & WATERPROOF



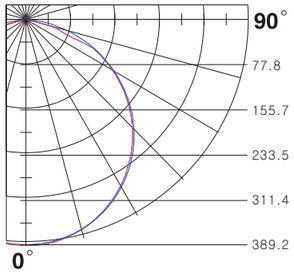




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	30LEDs/m,33.3mm pitch
Step LEDs	5LEDs(24V)/3LEDs(12V)
Step length	167mm(24V)/100mm(12V)
Power(W)	7.2Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.3A(24V)/0.6A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20 24V)

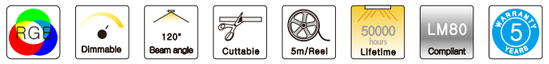
Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	2.4	66.09	27.54	632.12	622.18	-	-
Green	2.4	218.09	90.87	517.10	523.08	-	-
Blue	2.4	40.06	16.69	462.14	466.01	-	-
RGB	7.2	316.08	43.90	-	-	39012.80	57.08

Order code: LY30-S5050RGB-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

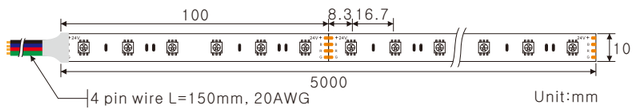
W24 → Voltage:W12/W24

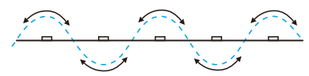
RGB 5050SMD 60LEDs

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

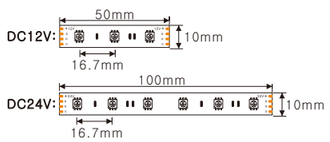


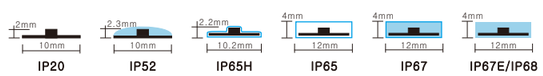
DIMENSIONS & WATERPROOF





R_{min}=50mm

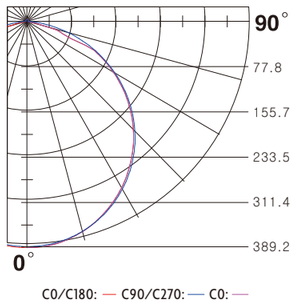




PRODUCT SPECIFICATION

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)



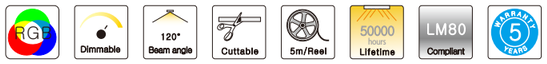
PRODUCT PHOTOMETRICS (The data base on IP20 24V)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	4.8	132.13	27.53	632.10	622.17	-	-
Green	4.8	434.08	90.43	517.01	523.20	-	-
Blue	4.8	79.08	16.48	462.09	466.15	-	-
RGB	14.4	635.13	44.11	-	-	39015.80	57.18

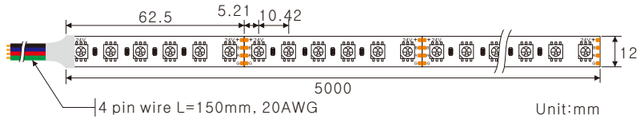
Order code: LY60-S5050RGB-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
W24 → Voltage:W12/W24

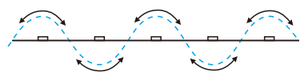
RGB 5050SMD 96LEDs

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

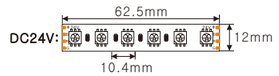


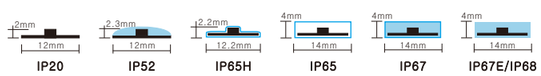
DIMENSIONS & WATERPROOF





R_{min}=50mm

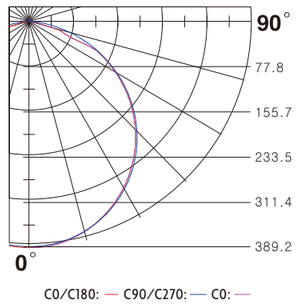




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	96LEDs/m,10.4mm pitch
Step LEDs	6LEDs
Step length	62.5mm
Power(W)	23Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.96A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB)



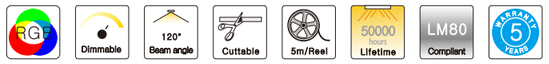
PRODUCT PHOTOMETRICS (The data base on IP20 24V)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	7.66	210.03	27.42	632.14	622.01	-	-
Green	7.66	700.16	91.40	517.17	523.10	-	-
Blue	7.66	127.15	16.60	462.18	466.15	-	-
RGB	23.0	1010.11	43.92	-	-	39024.90	57.09

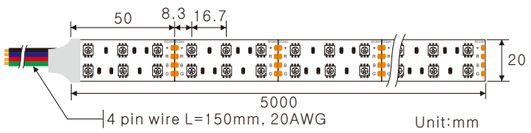
Order code: LY96-S5050RGB-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

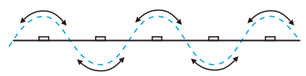
RGB 5050SMD 120LEDs

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

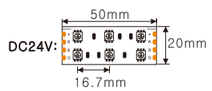


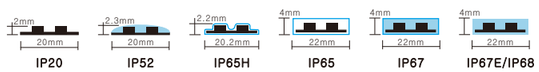
DIMENSIONS & WATERPROOF





R_{min}=50mm

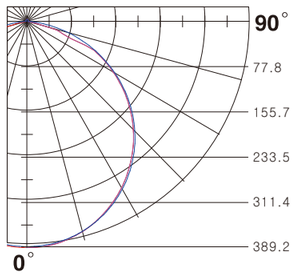




PRODUCT SPECIFICATION

Dimension	5000mmx20mmx2mm
Chip density	120LEDs/m,16.7mm pitch
Step LEDs	6LEDs
Step length	50mm
Power(W)	28.8Watt/meter
Voltage(V)	DC24V
Current(A/m)	1.2A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB)



C0/C180: — C90/C270: — C0: —

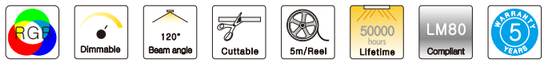
PRODUCT PHOTOMETRICS (The data base on IP20 24V)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	9.6	264.02	27.50	632.07	622.03	-	-
Green	9.6	868.18	90.44	517.02	523.16	-	-
Blue	9.6	159.14	16.58	462.14	466.12	-	-
RGB	28.8	1267.02	43.99	-	-	39030.00	57.16

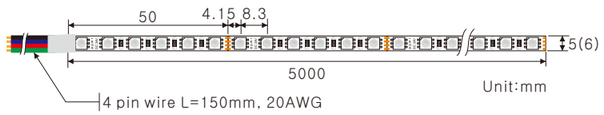
Order code: LY120-S5050RGB-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

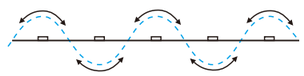
RGB 3838SMD 120LEDs

- 3838 LED with broader luminous surface
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- widely adaptable to all types of controllers

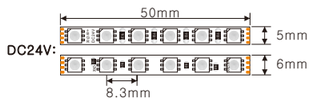


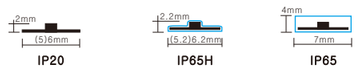
DIMENSIONS & WATERPROOF





R_{min}=50mm

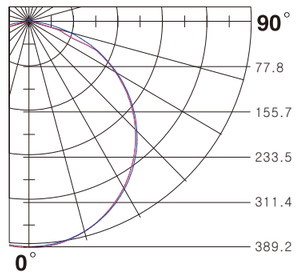




PRODUCT SPECIFICATION

Dimension	5000mmx(5)6mmx2mm
Chip density	120LEDs/m,8.3mm LED pitch
Step LEDs	6LEDs
Step length	50mm
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 RGB)



C0/C180: — C90/C270: — C0: —

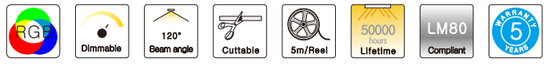
PRODUCT PHOTOMETRICS (The data base on IP20 24V)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	3.22	84.20	26.15	631.2	621.6	-	-
Green	3.49	278.54	79.81	517.1	524	-	-
Blue	3.29	62.02	18.85	462.8	467.6	-	-
RGB	10	417.50	41.75	-	-	100000	60.7

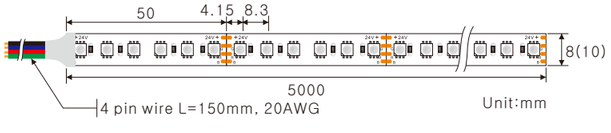
Order code: LY120-S3838RGB-W24-IP20 → IP20/IP65H/IP65

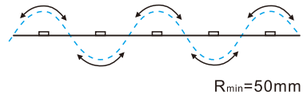
RGB 3838SMD 120LEDs

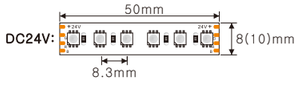
- 3838 LED with broader luminous surface
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- widely adaptable to all types of controllers

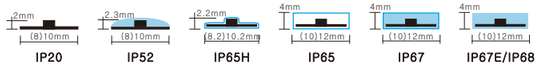


DIMENSIONS & WATERPROOF





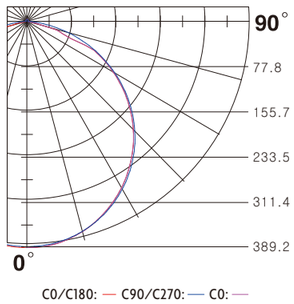




PRODUCT SPECIFICATION

Dimension	5000mmx(8)10mmx2mm
Chip density	120LEDs/m,8.3mm LED pitch
Step LEDs	6LEDs
Step length	50mm
Power(W)	14.4Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.6A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB)



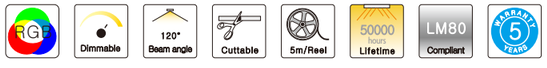
PRODUCT PHOTOMETRICS (The data base on IP20 24V)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	4.382	114.7	26.18	631.2	621.6	-	-
Green	5.354	427.7	79.89	517.1	524	-	-
Blue	4.939	92.59	18.75	462.8	467.6	-	-
RGB	14.82	618.3	41.72	-	-	100000	67.7

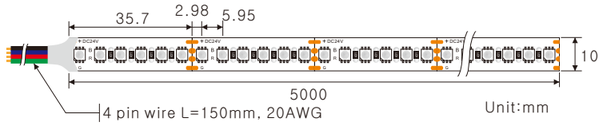
Order code: LY120-S3838RGB-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

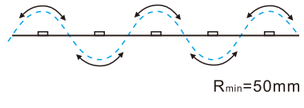
RGB 3838SMD 168LEDs

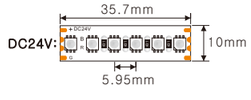
- 3838 LED with broader luminous surface
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- widely adaptable to all types of controllers

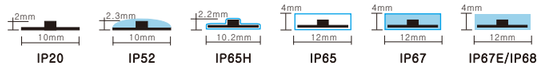


DIMENSIONS & WATERPROOF





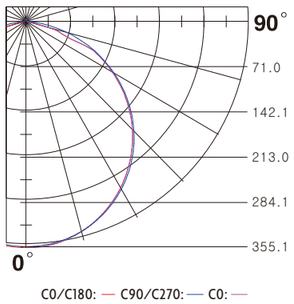




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	168LEDs/m,5.95mm pitch
Step LEDs	6LED
Step length	35.7mm
Power(W)	24Watt/meter
Voltage(V)	DC24V
Current(A/m)	1A
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	7.72	208.21	26.97	632	622	-	-
Green	8.38	670.32	79.99	517	523	-	-
Blue	7.90	149.94	18.98	462	466	-	-
RGB	24.00	1009.2	42.05	-	-	42163K	49.5

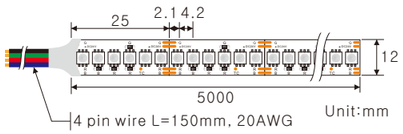
Order code: LY168-S3838RGB-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

RGB 3838SMD 240LEDs

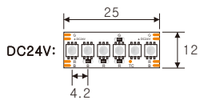
- 3838 LED with broader luminous surface
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- widely adaptable to all types of controllers

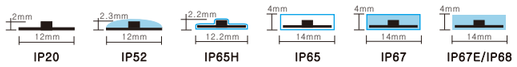
RGB | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | Warranty 5 Years

DIMENSIONS & WATERPROOF



Rmin=50mm

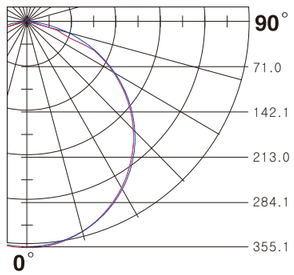




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	240LEDs/m,4.2mm LED pitch
Step LEDs	6LED(24V)
Step length	25mm(24V)
Power(W)	24Watt/meter
Voltage(V)	DC24V
Current(A/m)	1A(24V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB)



C0/C180: — C90/C270: — C0: —

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	7.72	208.21	26.97	632	622	-	-
Green	8.38	670.32	79.99	517	523	-	-
Blue	7.90	149.94	18.98	462	466	-	-
RGB	24	1009.2	42.05	-	-	100000	49.5

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-S3838RGB-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

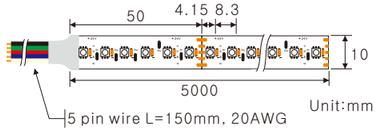
RGB+W 3838SMD&1808SMD 240LEDs

- 3838&1808 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

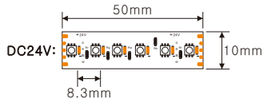
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | RGB | CRI >90

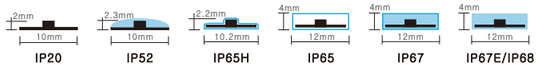
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | Warranty 5 Years

DIMENSIONS & WATERPROOF



Rmin=50mm

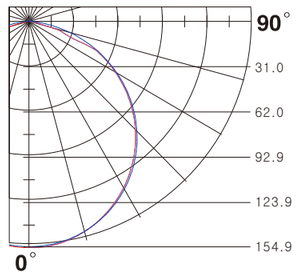




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	240LEDs/m,8.3mm pitch
Step LEDs	12LED
Step length	50mm
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 CRI > 90 RGB+6000K)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT (K)	Power (w/m)	Lumen(lm/m)	Efficacy(lm/w)	CRI	R9
RGB+2000	4.8	310.12	64.61	95.10	77.04
RGB+2500	4.8	360.14	75.03	95.69	80.06
RGB+2700	4.8	378.14	78.78	96.09	89.13
RGB+3000	4.8	396.14	82.53	97.15	92.02
RGB+3500	4.8	415.20	86.50	97.20	97.14
RGB+4000	4.8	430.17	89.62	97.59	98.08
RGB+5000	4.8	438.19	91.29	97.15	97.14
RGB+6000	4.8	440.20	91.71	97.17	96.13

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-S3838RGBW20-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ RGBW20/RGBW25/RGBW27/RGBW30/RGBW35/RGBW40/RGBW50/RGBW60

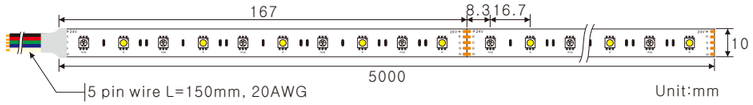
RGB+W 5050SMD 60LEDs

- 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

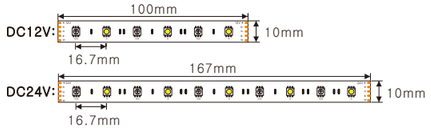
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | RGB | CRI >90

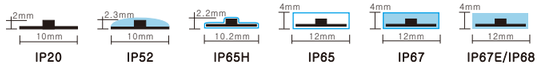
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 YEARS WARRANTY

DIMENSIONS & WATERPROOF



R_{min}=50mm

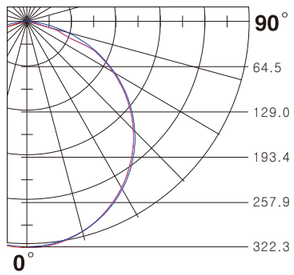




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	60LEDs/m,16.7mm LED pitch
Step LEDs	10LED(24V)6LED(12V)
Step length	167mm(24V)/100mm(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 RGB+6000K)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT (K)	Power (w/m)	Lumen(lm/m) CRI>90 | CRI>80	Efficacy(lm/w) CRI>90 | CRI>80	CRI CRI>90 | CRI>80
RGB+2100	14.4	696.12 | 836.18	48.34 | 58.07	47.20 | 40.12
RGB+2400	14.4	806.03 | 946.05	55.97 | 65.70	54.19 | 48.08
RGB+2700	14.4	840.13 | 1000.20	58.34 | 69.46	63.05 | 50.08
RGB+3000	14.4	870.01 | 1030.03	60.42 | 71.53	65.09 | 52.02
RGB+4000	14.4	900.08 | 1045.04	62.51 | 72.57	70.12 | 60.01
RGB+6000	14.4	916.03 | 1066.16	63.61 | 74.04	76.04 | 63.17

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: LY60-S5050RGBW27-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- RGBW27 → RGBW21/RGBW24/RGBW27/RGBW30/RGBW40/RGBW60

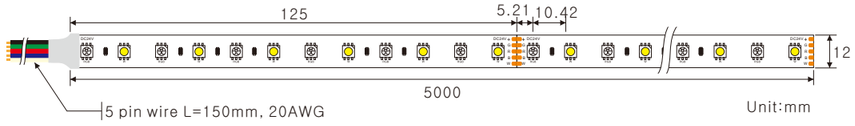
RGB+W 5050SMD 96LEDs

- 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

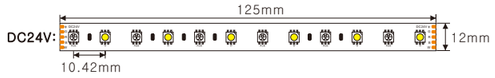
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | RGB | CRI >90

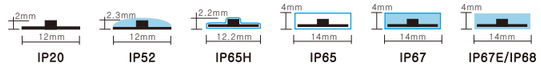
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 YEARS WARRANTY

DIMENSIONS & WATERPROOF



R_{min}=50mm

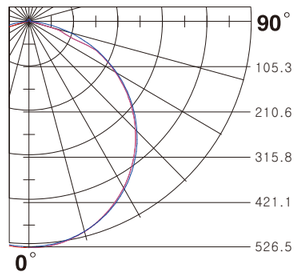




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	96LEDs/m,10.42mm pitch
Step LEDs	12LED
Step length	125mm
Power(W)	23Watt/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)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20 24V)

CCT (K)	Power (w/m)	Lumen(lm/m) CRI>90 | CRI>80	Efficacy(lm/w) CRI>90 | CRI>80	CRI CRI>90 | CRI>80
RGB+2100	23	1128.12 | 1360.09	49.05 | 59.13	47.13 | 40.12
RGB+2400	23	1310.08 | 1544.06	56.96 | 67.13	54.06 | 48.17
RGB+2700	23	1372.11 | 1642.18	59.66 | 71.40	63.10 | 50.05
RGB+3000	23	1418.20 | 1682.14	61.66 | 73.14	65.05 | 52.13
RGB+4000	23	1465.19 | 1704.13	63.70 | 74.09	70.07 | 60.03
RGB+6000	23	1496.09 | 1740.03	65.05 | 75.65	76.07 | 63.16

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
- RGBW27 → RGBW21/RGBW24/RGBW27/RGBW30/RGBW40/RGBW60

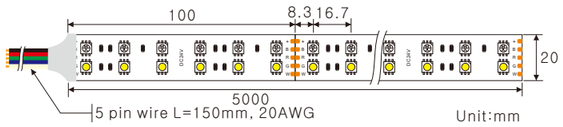
RGB+W 5050SMD 120LEDs

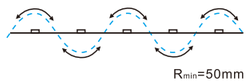
- 5050 LED with broader luminous surface
- Self-encapsulated design
- RGB+white colorful strip
- High quality PCB, high thermal 3M adhesive
- widely adaptable to all types of RGBW controllers

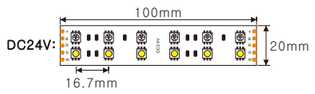
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | RGB | CRI >90

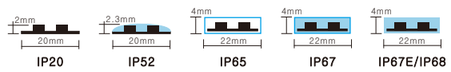
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF





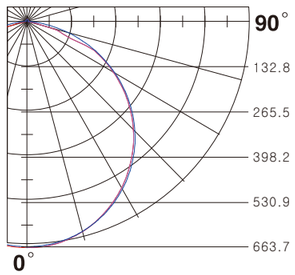




PRODUCT SPECIFICATION

Dimension	5000mmx20mmx2mm
Chip density	120LEDs/m,16.7mm pitch
Step LEDs	12LED
Step length	100mm
Power(W)	28.8Watt/meter
Voltage(V)	DC24V
Current(A/m)	1.2A
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)

CCT (K)	Power (w/m)	Lumen(lm/m) CRI>90 | CRI>80	Efficacy(lm/w) CRI>90 | CRI>80	CRI CRI>90 | CRI>80
RGB+2100	28.8	1411.13 | 1728.20	49.00 | 60.01	47.17 | 40.19
RGB+2400	28.8	1641.08 | 1958.20	56.98 | 67.99	54.04 | 48.02
RGB+2700	28.8	1740.10 | 2070.01	60.42 | 71.88	63.20 | 50.03
RGB+3000	28.8	1785.01 | 2132.16	61.98 | 74.03	65.15 | 52.13
RGB+4000	28.8	1840.17 | 2160.07	63.89 | 75.00	70.20 | 60.09
RGB+6000	28.8	1886.08 | 2200.03	65.49 | 76.39	76.13 | 63.15

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-S5050RGBW27-W24-IP20 → IP20/IP52/IP65/IP67/IP67E/IP68
RGBW27 → RGBW21/RGBW24/RGBW27/RGBW30/RGBW40/RGBW60

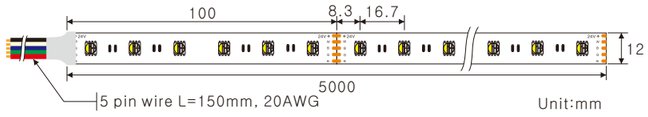
RGBW 5050SMD 60LEDs (4 in 1)

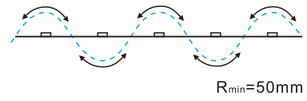
- 5050 LED RGB+white 4 chips in 1LED colorful strip
- High quality PCB,high thermal 3M adhesive
- Widely adaptable to all types of RGBW controllers

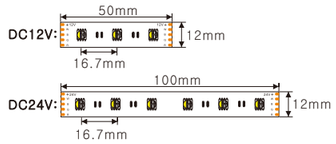
2700K 3000K 4000K 6000K | CRI >80 | RGB

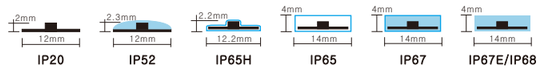
Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | 5 Years Warranty

DIMENSIONS & WATERPROOF





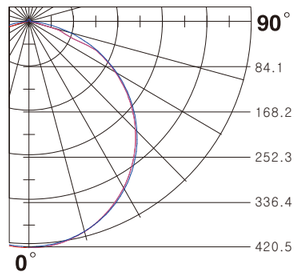




PRODUCT SPECIFICATION

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)

CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
RGB+2700	19.2	1075.13	56.00	63.04
RGB+3000	19.2	1100.10	57.30	64.16
RGB+4000	19.2	1178.11	61.36	70.02
RGB+6000	19.2	1195.04	62.24	78.19

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

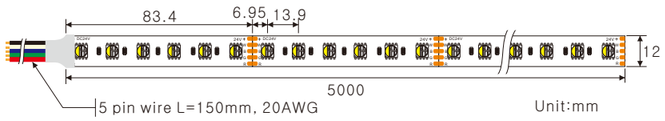
RGBW 5050SMD 72LEDs (4 in 1)

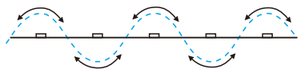
- 5050 LED RGB+white 4 chips in 1LED colorful strip
- High quality PCB,high thermal 3M adhesive
- Widely adaptable to all types of RGBW controllers

2700K 3000K 4000K 6000K | CRI >80 | RGB

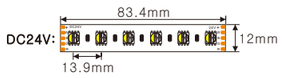
Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | 5 Warranty Years

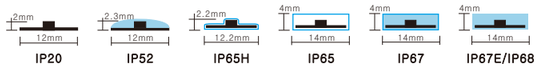
DIMENSIONS & WATERPROOF





R_{min}=50mm

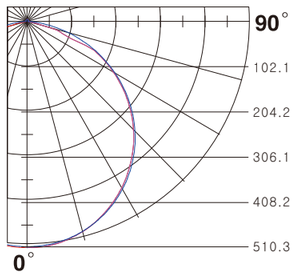




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	72LEDs/m,13.9mm pitch
Step LEDs	6LED(24V)
Step length	83.4mm(24V)
Power(W)	23Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.96A(24V)
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)

CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
RGB+2700	23	1288.08	56.00	63.04
RGB+3000	23	1334.18	58.01	64.16
RGB+4000	23	1426.16	62.01	70.02
RGB+6000	23	1450.08	63.05	78.19

Order code: LY72-LS5050RGBW27-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

RGBW27 → RGBW27/RGBW30/RGBW40/RGBW60

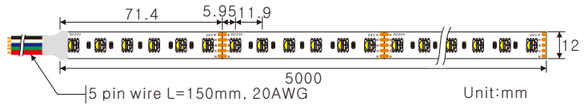
RGBW 5050SMD 84LEDs (4 in 1)

- 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

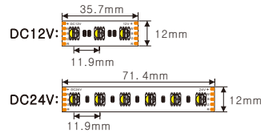
2700K 3000K 4000K 6000K | CRI >80 | RGB

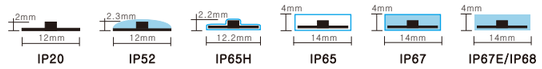
Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | 5 Warranty Years

DIMENSIONS & WATERPROOF



R_{min}=50mm

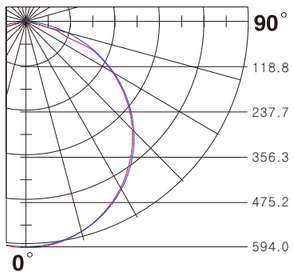




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	84LEDs/m,11.9mm pitch
Step LEDs	6LED(24V)/3LED(12V)
Step length	71.4mm(24V)/35.7mm(12V)
Power(W)	26.8Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	1.12A(24V)/2.24A(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)

CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
RGB+2700	26.8	1500.10	55.97	63.16
RGB+3000	26.8	1554.18	57.99	64.01
RGB+4000	26.8	1660.01	61.94	70.19
RGB+6000	26.8	1688.05	62.99	78.03

Order code: LY84-LS5050RGBW27-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W24 → Voltage:W12/W24

RGBW27 → RGBW27/RGBW30/RGBW40/RGBW60

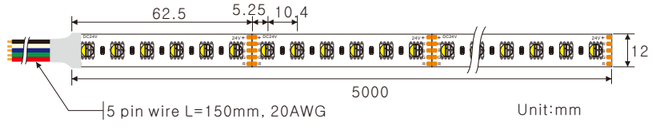
RGBW 5050SMD 96LEDs (4 in 1)

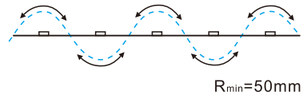
- 5050 LED RGB+white 4 chips in 1LED colorful strip
- High quality PCB,high thermal 3M adhesive
- Widely adaptable to all types of RGBW controllers

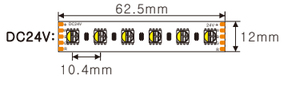
2700K 3000K 4000K 6000K | CRI >80 | RGB

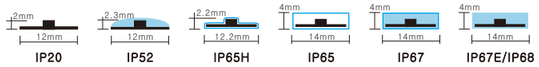
Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | 5 Years

DIMENSIONS & WATERPROOF





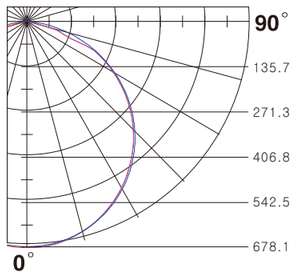




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	96LEDs/m,10.4mm pitch
Step LEDs	6LED
Step length	62.5mm
Power(W)	30.6Watt/meter
Voltage(V)	DC24V
Current(A/m)	1.27A
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)

CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
RGB+2700	30.6	1710.08	55.88	63.13
RGB+3000	30.6	1774.08	57.98	64.08
RGB+4000	30.6	1895.11	61.93	70.01
RGB+6000	30.6	1927.16	62.98	78.01

Order code: LY96-LS5050RGBW27-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

RGBW27/RGBW30/RGBW40/RGBW60

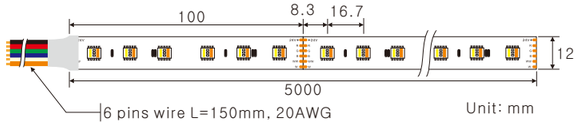
RGBTW 5050SMD 60LEDs (5 in 1)

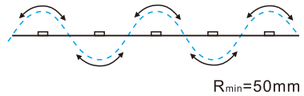
- 5050 LED RGB+warm white+cool white 5 chips in 1LED colorful strip
- High quality PCB,high thermal 3M adhesive
- Widely adaptable to all types of RGBW controllers

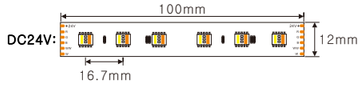
2400K 6000K | CRI >80 | RGB | Dimmable

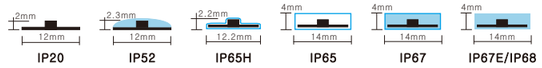
120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | 5 Years

DIMENSIONS & WATERPROOF





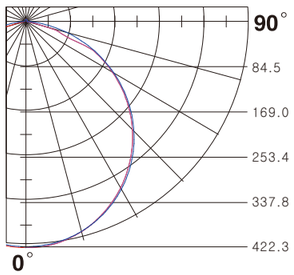




PRODUCT SPECIFICATION

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)



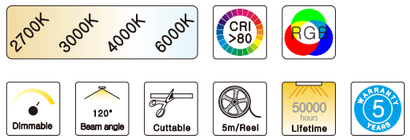
PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI > 80)

CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
2400	3.84	364.14	94.83	83.17
6000	3.84	450.16	117.23	82.63
2400+6000	7.68	820.01	106.77	88.07
RGB	11.5	430.13	37.40	79.14
RGB+2400+6000	19.2	1200.14	62.51	77.03

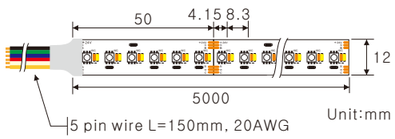
Order code: LY60-LS5050RGBTW-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

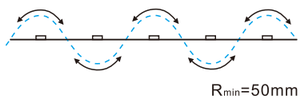
RGBTW 3838SMD&1808SMD 360LEDs

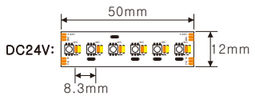
- 3838&1808 LED RGB+white colorful strip
- High quality PCB,high thermal 3M adhesive
- Widely adaptable to all types of RGBW controllers

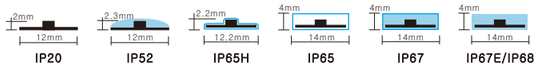


DIMENSIONS & WATERPROOF





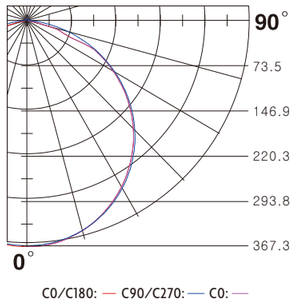




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	360LEDs/m,8.3mm pitch
Step LEDs	18LED
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 RGB+2700K+6000K)



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

CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
2700	4.8	288	60	96.09
3000	4.8	297.6	62	97.15
4000	4.8	336	70	97.59
6000	4.8	360	75	97.17
2700+6000	9.6	648	67.5	96.56
RGB	14.4	574.42	39.89	-
RGB+2700+6000	24	1043.76	43.49	67

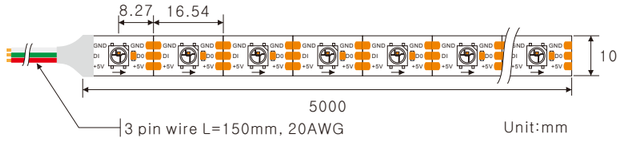
Order code: LY360-S3838RGBTW-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

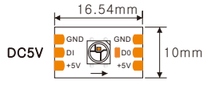
MAGIC RGB SK6812 60LEDs

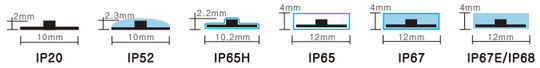
- 5050SMD with built-in IC SK6812
- Fully compatible with WS2812B
- Supporting numerous Color-change effects every single LED
- Flexible PCB 5V low voltage input
- High quality PCB, high thermal 3M adhesive

RGB | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 2 Years Warranty

DIMENSIONS & WATERPROOF



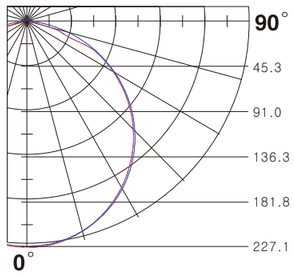




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	60LEDs/m,16.54mm pitch
Step LEDs	1LED
Step length	16.54mm
Power(W)	18Watt/meter
Voltage(V)	DC5V
Current(A/m)	3.6A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	5.79	134.21	23.18	632	622	-	-
Green	6.30	433.44	68.80	517	523	-	-
Blue	5.90	80.24	13.60	462	466	-	-
RGB	18	663.84	36.88	-	-	42300	50

Order code: LY60-S5050RGB-W5-SK6812-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

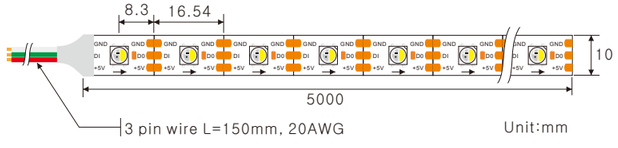
MAGIC RGBW SK6812 60LEDs

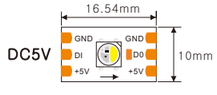
- RGB + white 4 chips in 1 LED colorful strip
- 5050SMD with built-in IC Sk6812,fully compatible with WS2812B
- Supporting numerous Color-change effects every single LED
- Flexible PCB 5V low voltage input
- High quality PCB, high thermal 3M adhesive

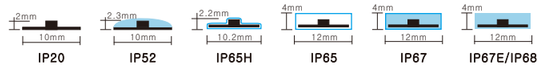
3000K 4000K 6000K | CRI >80 | RGB

Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | 2 Years Warranty

DIMENSIONS & WATERPROOF



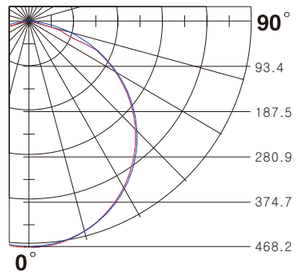




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	60LEDs/m,16.54mm pitch
Step LEDs	1LED
Step length	16.54mm
Power(W)	24Watt/meter
Voltage(V)	DC5V
Current(A/m)	4.8A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20 RGB+6000K)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20)

CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
RGB+3000	24	1197.84	49.91	56.45
RGB+4000	24	1312.08	54.67	63.28
RGB+6000	24	1331.28	55.47	72.56

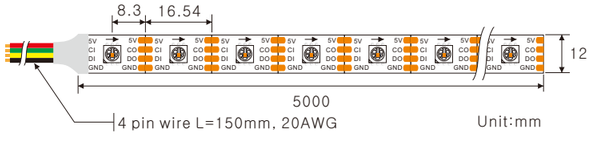
Order code: LY60-LS5050RGBW30-W5-SK6812-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

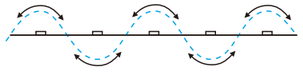
RGBW30 → RGBW30/RGBW40/RGBW60

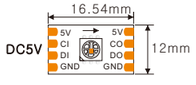
MAGIC RGB SK9822 60LEDs

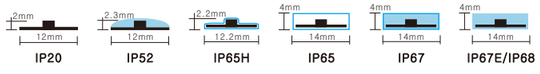
- 5050SMD with built-in IC SK9822
- Supporting numerous Color-change effects every single LED
- Flexible PCB 5V low voltage input
- High quality PCB, high thermal 3M adhesive

DIMENSIONS & WATERPROOF





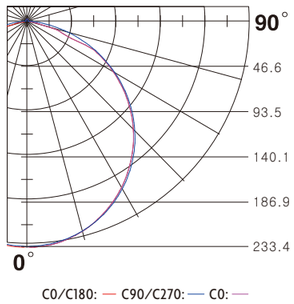




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	60LED,16.54mm LED pitch
Step LEDs	1LED
Step length	16.54mm
Power(W)	18Watt/meter
Voltage(V)	DC5V
Current(A/m)	3.6A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (The data base on IP20)



PRODUCT PHOTOMETRICS (The data base on IP20)

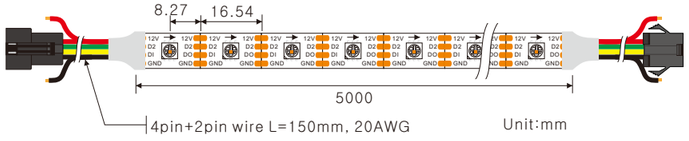
Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	5.79	134.21	23.18	632	622	-	-
Green	6.30	433.44	68.80	517	523	-	-
Blue	5.90	80.24	13.60	462	466	-	-
RGB	18	663.84	36.88	-	-	42400	48.18

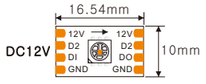
Order code: LY60-S5050RGB-W5-SK9822-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

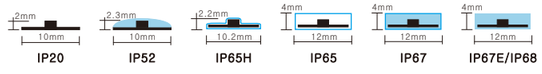
MAGIC RGB 8808B 60LEDs

- 5050SMD with built-in IC 8808B
- Supporting numerous Color-change effects every single LED
- Flexible PCB 12V low voltage input
- High quality PCB, high thermal 3M adhesive

DIMENSIONS & WATERPROOF



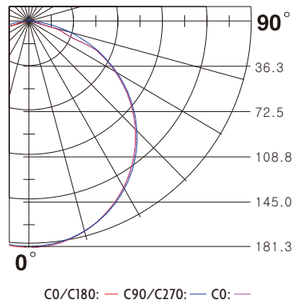




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	60LEDs/m,16.54mm pitch
Step LEDs	1LED
Step length	16.54mm
Power(W)	14.4Watt/meter
Voltage(V)	DC12V
Current(A/m)	1.2A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (The data base on IP20)



PRODUCT PHOTOMETRICS (The data base on IP20)

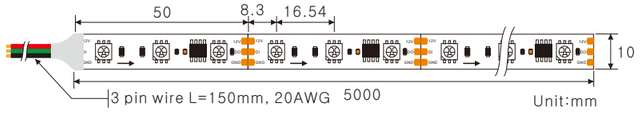
Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	4.63	107.37	23.18	632	622	-	-
Green	5.05	347.30	68.80	517	523	-	-
Blue	4.72	64.19	13.60	462	466	-	-
RGB	14.4	515.23	35.78	-	-	42250	48.55

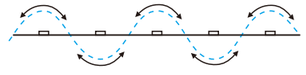
Order code: LY60-S5050RGB-W12-8808B-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

MAGIC RGB UCS1903 60LEDs

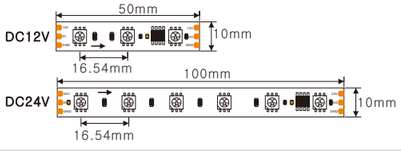
- Flexible PCB 12V or 24V low voltage input
- High quality PCB, high thermal 3M adhesive

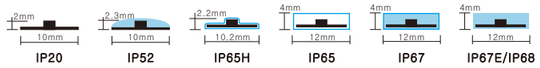
DIMENSIONS & WATERPROOF





R_{min}=50mm

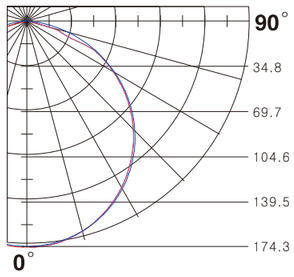




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	60LED,16.54mm LED pitch
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)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20)

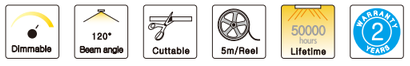
Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	4.63	107.32	23.18	632	622	-	-
Green	5.04	346.75	68.80	517	523	-	-
Blue	4.72	64.19	13.60	462	466	-	-
RGB	14.4	531.07	36.88	-	-	42400	48.18

Order code: LY60-S5050RGB-W24-UCS1903-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

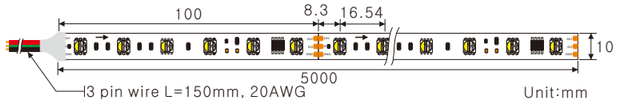
W24 → Voltage:W12/W24

MAGIC RGBW UCS2904 60LEDs

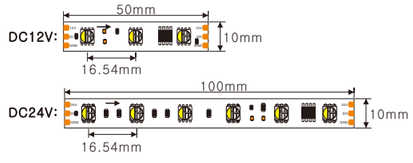
- Flexible PCB 12V or 24V low voltage input
- High quality PCB, high thermal 3M adhesive

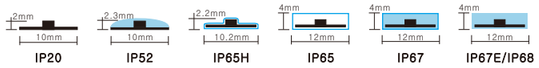


DIMENSIONS & WATERPROOF



R_{min}=50mm

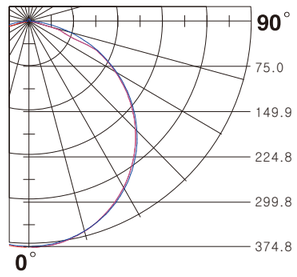




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx2mm
Chip density	60LED,16.54mm LED pitch
Step LEDs	3LED(12V)/6LED(24V)
Step length	50mm(12V)/100mm(24V)
Power(W)	19.2Watt/meter
Voltage(V)	DC12V/DC24V
Current(A/m)	1.6A/0.8A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (The data base on IP20 RGB+6000K)



C0/C180: — C90/C270: — C0: —

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

CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
RGB+3000	19.2	958.27	49.91	63.13
RGB+4000	19.2	1049.66	54.67	64.08
RGB+6000	19.2	1065.02	55.47	70.01

Order code: LY60-UCS2904RGBW30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

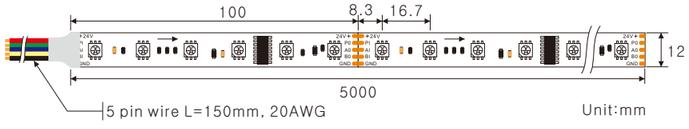
W24 → Voltage:W12/W24

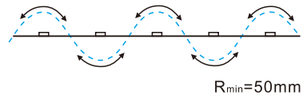
RGBW30 → RGBW30/RGBW40/RGBW60

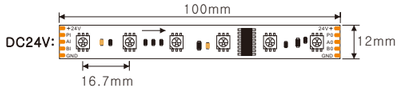
DMX RGB 5050SMD 60LEDs

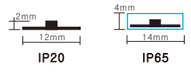
- Compatible with DMX512(1990) protocol.
- Adopting RS485 signal trunk and signal differential transmission mode to ensure stronger ablility of anti-interference and longer transmission distance
- Auto matically addressing with editor
- High quality PCB, high thermal 3M adhesive

DIMENSIONS & WATERPROOF





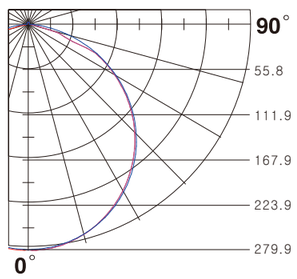




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx2mm
Chip density	60LED,16.7mm LED pitch
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)



C0/C180: — C90/C270: — C0: —

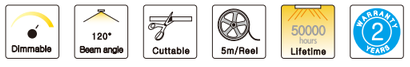
PRODUCT PHOTOMETRICS(The data base on IP20)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	4.63	134.15	28.97	632	622	-	-
Green	5.04	433.40	85.99	517	523	-	-
Blue	4.74	80.49	16.98	462	466	-	-
RGB	14.4	619.92	43.05	-	-	42400	50

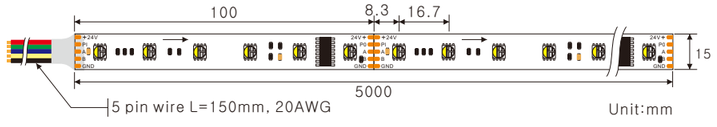
Order code: LY60-DMXS5050RGB-W24-IP20 → IP20/IP65

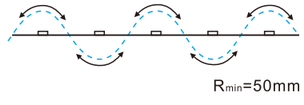
DMX RGBW 5050SMD 60LEDs

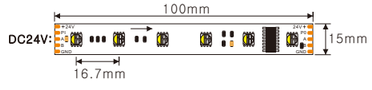
- Compatible with DMX512(1990) protocol.
- Adopting RS485 signal trunk and signal differential transmission mode to ensure stronger ablility of anti-interference and longer transmission distance
- Auto matically addressing with editor
- High quality PCB, high thermal 3M adhesive



DIMENSIONS & WATERPROOF



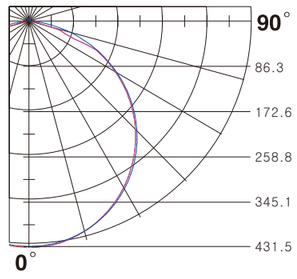




PRODUCT SPECIFICATION

Dimension	5000mmx15mmx2mm
Chip density	60LED,16.7mm LED 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(The data base on IP20 RGB+6000K)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS(The data base on IP20)

CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
RGB+2700	19.2	1113.22	57.98	-
RGB+3000	19.2	1131.26	58.92	-
RGB+4000	19.2	1207.49	62.89	-
RGB+6000	19.2	1226.11	63.86	-

Order code: LY60-DMXS5050RGBW27-W24-IP20 → IP20/IP65

RGBW27/RGBW30/RGBW40/RGBW60

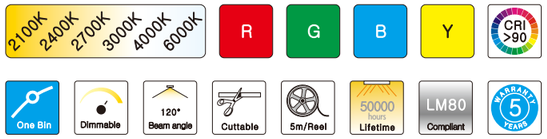
Constant current series

This PCB design is to satisfy the project's demand for longer length with only one end power feed, the current through each LED is constant to keep the same brightness from the beginning to the end for the strips, one power supply can drive such led strips in continuous length available for 10m/15m/20m/30m/40m/50m.

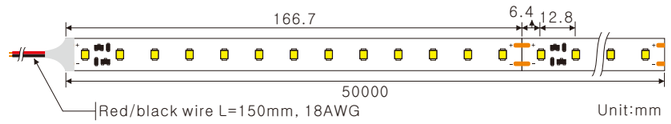
It is widely used in high-end spaces and projects, such as exhibition halls, brand stores, special hotels, museums, galleries, households, schools and hospitals.

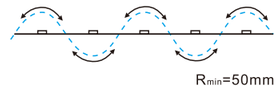
50m SLCC 2835SMD 78LEDs

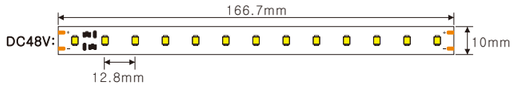
- 2835 LED Super long constant current design strip with one end power
- Self-encapsulated design offers optional 2100-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

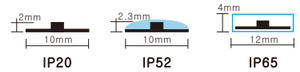


DIMENSIONS & WATERPROOF





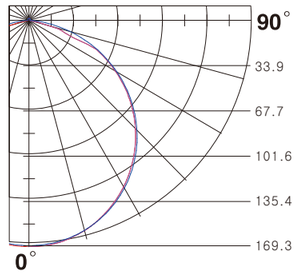




PRODUCT SPECIFICATION

Dimension	50000mmx10mmx2mm
Chip density	78LEDs/m,12.8mm pitch
Step LEDs	13LEDs
Step length	166.7mm
Power(W)	4.5Watt/meter
Voltage(V)	DC48V
Current(A/m)	0.09A
Copper foil	3oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20)

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
2100±100	336.07 | 470.04	80.02 | 111.91	91.68 | 81.61	69.19 | 7.15	86.17 | 81.12	101.15 | 90.16	A+ | A++
2400±100	370.05 | 504.05	88.11 | 120.01	90.12 | 81.05	76.11 | 5.18	90.02 | 83.06	101.20 | 92.02	A+ | A++
2700±100	392.01 | 529.13	93.34 | 125.98	91.12 | 82.02	78.04 | 8.19	89.18 | 82.11	100.13 | 96.06	A+ | A++
3000±100	403.08 | 554.08	95.97 | 131.92	91.18 | 82.22	79.07 | 6.19	90.15 | 81.06	102.08 | 92.20	A+ | A++
4000±200	457.69 | 569.16	108.97 | 135.51	94.01 | 82.66	77.18 | 5.18	90.11 | 78.06	99.06 | 95.13	A++ | A++
6000±300	481.10 | 573.10	114.55 | 136.45	92.17 | 82.02	82.20 | 6.19	91.18 | 86.06	101.05 | 96.03	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: LY78-CS2835W30-W48-IP20 → IP20/IP52/IP65

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

Special

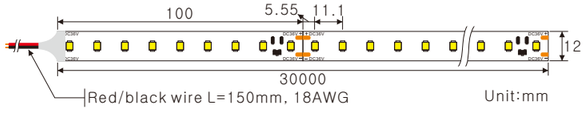
30m SLCC 2835SMD 90LEDs

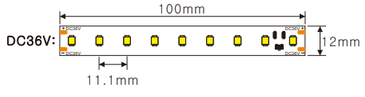
- 2835 LED Super long constant current design strip with one end power
- Self-encapsulated design offers optional 2100-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

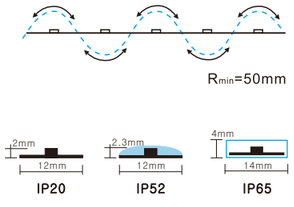
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

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

DIMENSIONS & WATERPROOF



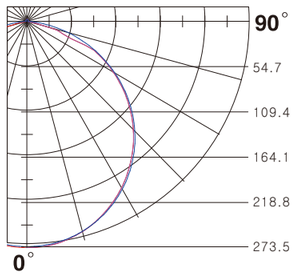




PRODUCT SPECIFICATION

Dimension	30000mmx12mmx2mm
Chip density	90LEDs/m,11.1mm pitch
Step LEDs	9LEDs
Step length	100mm
Power(W)	7.2Watt/meter
Voltage(V)	DC36V
Current(A/m)	0.2A
Copper foil	3oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20)

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
2100±100	544.02 | 756.19	75.56 | 105.03	91.64 | 81.62	69.17 | 7.11	86.06 | 81.02	101.19 | 90.06	A+ | A+
2400±100	597.15 | 816.17	82.94 | 113.36	90.17 | 81.07	76.07 | 5.20	90.07 | 83.15	101.08 | 92.15	A+ | A+
2700±100	614.15 | 853.04	85.30 | 118.48	91.04 | 82.15	78.15 | 8.05	89.05 | 82.19	100.14 | 96.17	A+ | A++
3000±100	655.10 | 892.06	90.99 | 123.90	91.10 | 82.31	79.11 | 6.09	90.13 | 81.11	102.01 | 92.17	A+ | A++
4000±200	738.03 | 914.16	102.50 | 126.97	94.18 | 82.51	77.03 | 5.17	90.10 | 78.12	99.09 | 95.14	A+ | A++
6000±300	777.14 | 920.14	107.94 | 127.80	92.09 | 82.10	82.08 | 6.14	91.06 | 86.11	101.10 | 96.14	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: LY90-CS2835W30-W36-IP20 → IP20/IP52/IP65
→ CCT:W21/W24/W27/W30/W40/W60

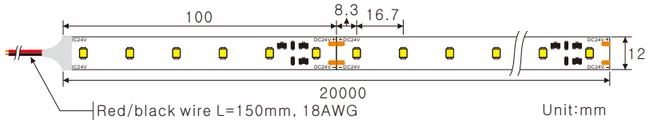
20m SLCC 2835SMD 60LEDs

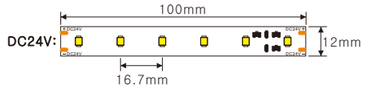
- 2835 LED Super long constant current design strip with one end power
- Self-encapsulated design offers optional 2100-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

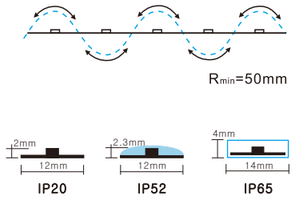
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

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

DIMENSIONS & WATERPROOF



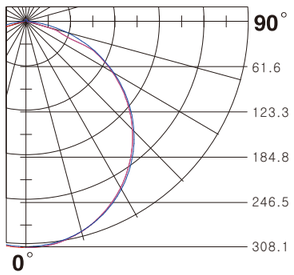




PRODUCT SPECIFICATION

Dimension	20000mmx12mmx2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	6LEDs
Step length	100mm
Power(W)	8.5Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.35A
Copper foil	3oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20)

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
2100±100	615.80 | 859.60	72.45 | 101.13	91.70 | 82.60	70.40 | 10.60	87.10 | 83.40	101.40 | 91.80	A+ | A+
2400±100	670.50 | 919.20	78.88 | 108.14	94.00 | 81.80	77.60 | 7.10	94.00 | 84.70	101.10 | 93.40	A+ | A+
2700±100	715.00 | 960.70	84.12 | 113.02	94.30 | 83.30	79.60 | 10.80	92.00 | 85.30	102.00 | 100.00	A+ | A+
3000±100	732.50 | 1002.40	86.18 | 117.93	94.00 | 85.00	81.00 | 8.80	93.30 | 84.10	102.30 | 92.10	A+ | A+
4000±200	832.70 | 1030.70	97.96 | 121.26	95.90 | 84.70	77.80 | 7.90	92.10 | 80.00	100.60 | 98.80	A+ | A++
6000±300	875.60 | 1042.30	103.01 | 122.62	95.90 | 82.30	84.70 | 7.30	94.20 | 88.70	102.80 | 97.90	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: LY60-CS2835W30-W24-IP20 → IP20/IP52/IP65
→ CCT:W21/W24/W27/W30/W40/W60

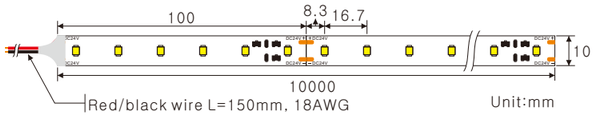
10m SLCC 2835SMD 60LEDs

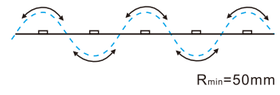
- 2835 LED Super long constant current design strip with one end power
- Self-encapsulated design offers optional 2100-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

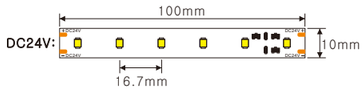
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

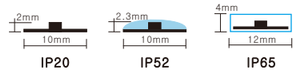
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF





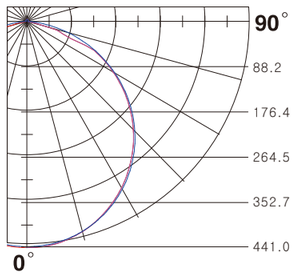




PRODUCT SPECIFICATION

Dimension	10000mmx10mmx2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	6LEDs
Step length	100mm
Power(W)	12.5Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.52A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



PRODUCT PHOTOMETRICS (The data base on IP20)

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
2100±100	878.50 | 1218.10	70.28 | 97.45	92.10 | 83.60	71.70 | 7.90	87.80 | 83.50	102.40 | 90.90	A | A+
2400±100	953.30 | 1315.60	76.26 | 105.25	92.40 | 84.70	78.00 | 5.20	90.10 | 87.00	102.00 | 95.50	A+ | A+
2700±100	1018.50 | 1388.60	81.48 | 111.09	91.70 | 83.60	79.60 | 10.30	91.30 | 83.50	101.20 | 99.60	A+ | A+
3000±100	1044.30 | 1438.70	83.54 | 115.10	93.60 | 83.80	82.00 | 6.60	90.20 | 84.20	102.60 | 92.60	A+ | A+
4000±200	1186.20 | 1468.40	94.90 | 117.47	95.90 | 85.90	80.10 | 5.20	90.40 | 80.30	99.20 | 98.10	A+ | A+
6000±300	1253.10 | 1490.40	100.25 | 119.23	92.60 | 83.20	82.70 | 9.50	92.10 | 86.40	103.00 | 98.20	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: LY60-CS2835W30-W24-IP20 → IP20/IP52/IP65

W30 → CCT:W21/W24/W27/W30/W40/W60

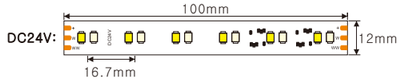
TW SLCC 2835SMD 120LEDs

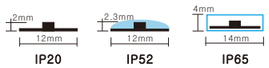
- 2835 LED Super long constant current design strip with one end power
- Self-encapsulated design offers optional 2100-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Widely adaptable to all types of Tunable White controllers

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

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

DIMENSIONS & WATERPROOF

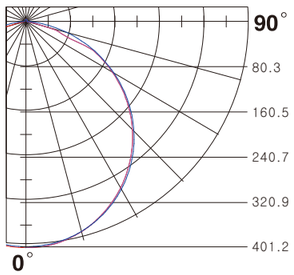




PRODUCT SPECIFICATION

Dimension	15000mmx12mmx2mm
Chip density	120LEDs/m,16.7mm pitch
Step LEDs	12LEDs
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 CRI>90 2700K+6000K)



PRODUCT PHOTOMETRICS (The data base on IP20)

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	513.13 | 690.40	85.52 | 115.07	91.05 | 82.24	78.18 | 8.28	89.17 | 82.36	100.19 | 96.09	B | A
6000±300	630.08 | 750.10	105.01 | 125.02	92.35 | 82.17	82.21 | 6.35	91.39 | 86.25	101.32 | 96.16	A | A
2700+6000	1140.09 | 1428.16	95.01 | 119.01	94.22 | 82.61	77.16 | 5.37	90.34 | 78.37	99.35 | 95.31	A+ | A+

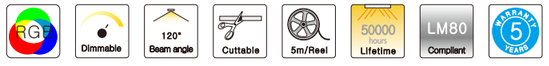
Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

Order code: LY120-S2835TW2760-W24-IP20 → IP20/IP52//IP65

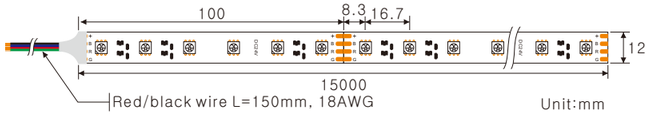
TW2760 → CCT:TW2160/TW2460/TW2760/TW3060...

RGB SLCC 5050SMD 60LEDs

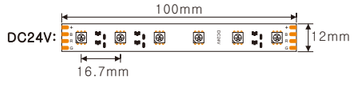
- 5050 LED Super long constant current design strip with one end power
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- widely adaptable to all types of RGB controllers

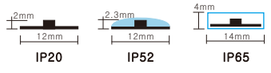


DIMENSIONS & WATERPROOF



Rmin=50mm

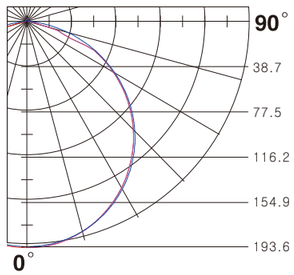




PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

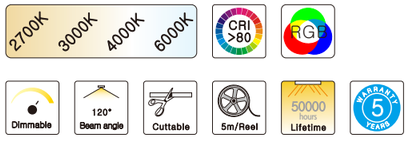
PRODUCT PHOTOMETRICS (The data base on IP20 24V)

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

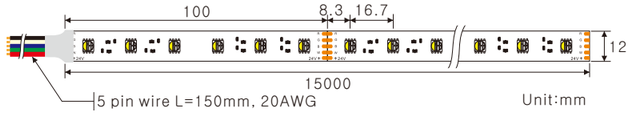
Order code: LY60-S5050RGB-W24-IP20-15
IP20/IP52/IP65

RGBW SLCC 5050SMD 60LEDs

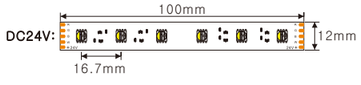
- 5050 LED Super long constant current design strip with one end power
- RGB+white 4 chips in 1LED colorful strip
- High quality PCB,high thermal 3M adhesive
- Widely adaptable to all types of RGBW controllers

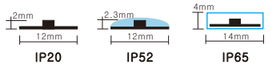


DIMENSIONS & WATERPROOF



Rmin=50mm

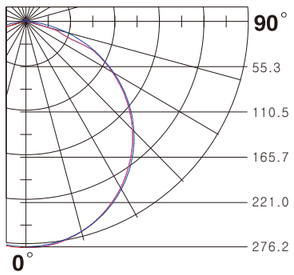




PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20)

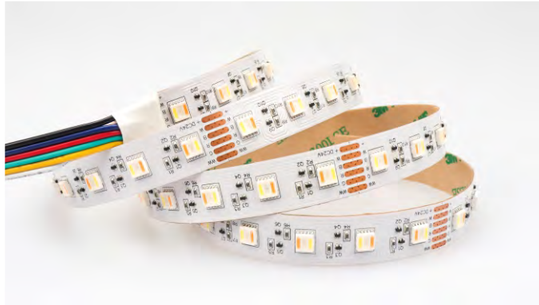
CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
RGB+2700	11	720.23	65.48	58.06
RGB+3000	11	760.31	69.12	56.38
RGB+4000	11	780.03	70.91	62.21
RGB+6000	11	785.04	71.37	69.24

Order code: LY60-LS5050RGBW27-W24-IP20-15
IP20/IP52/IP65
RGBW27/RGBW30/RGBW40/RGBW60

Special

RGBTW SLCC 5050SMD 60LEDs

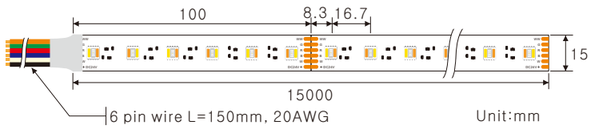
- 5050 LED Super long constant current design strip with one end power
- RGB+tunable white 5 chips in 1LED colorful strip
- High quality PCB,high thermal 3M adhesive
- Widely adaptable to all types of RGBTW controllers

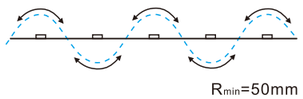


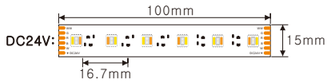
2400K 6000K | CRI >80 | RGB

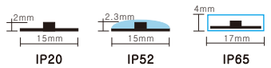
Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | 5 YEARS WARRANTY

DIMENSIONS & WATERPROOF





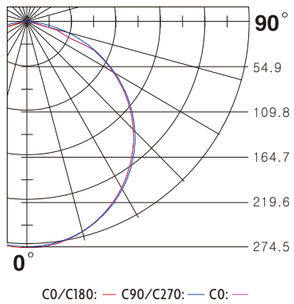




PRODUCT SPECIFICATION

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

Special series

The versatility of this series allow users to customize their individual lighting solutions, direct the light at any angle of their choice, select the most suitable products in terms of the environment applications, requirements of functions, projects and budgets, such as below:

-**Side-Emitting Strip**: Features specially shaped diodes that shine sideways instead of upwards, ideal for signage lettering and edge highlighting

-**S shape**: Excellent anti-bending performance allows 90 degree maximum angle to make bends, curves and form shape, widely used for sign and advertisement application

-**Mini cutting**: Cutted by ONE LED(8.3mm) or TWO LED(16.6mm), fulfill the specific project in short length need and realize the maximum brightness to highlight features

-**High efficiency**: this design 150lm/w and 190lm/w, is to achieve real green, energy saving and environment protection, an ideal solution for commercial application.

-**Ultra narrow PCB**: Extremly-narrow PCB like 2mm,3mm,4mm,5mm etc., can be used in the installation location or space where is particularly limited, mainly designed for the decorative lighting of corner, wall edges, and the advertising lighting.

-**Full Spectrum LED Strip**: this design with CRI>95 LED's natural light color, is to bring back the comfort and natural feeling for home or commercial space.

-**Smart Temperature Control LED Strip**: this design with temperature sensor, will reduce the current to protect itself for ensure long life span when the strip's temperature get higher, mainly applied in installation space or place where is with super hot temperature.

-**DIM TO WARM LED STRIP**: this design allows for varying the color temperature depending on the desired ambiance in the room. As the light is dimmed, the color temperature decreases as well, mainly used to create pleasant atmosphere in place like home and hotel.

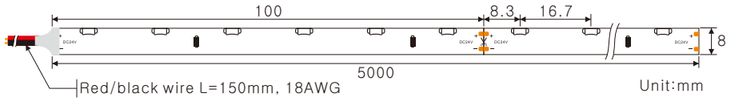
SIDE EMITTING 3014SMD 60LEDs

- 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

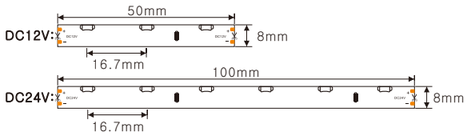
2700K 3000K 4000K 6000K | R | G | B | Y | CRI >80

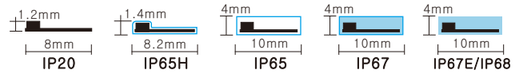
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF



R_{min}=50mm

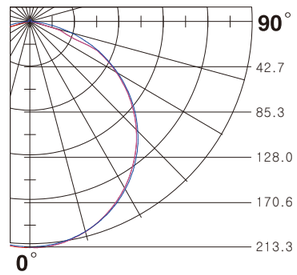




PRODUCT SPECIFICATION

Dimension	5000mmx8mmx1.2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	6LED(24V)/3LED(12V)
Step length	100mm(24V)/50mm(12V)
Power(W)	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)	EEI Class
2700±100	525.06	87.51	81.07	3.08	82.10	95.05	A+
3000±100	590.04	98.34	81.52	7.02	83.02	96.02	A+
4000±200	600.15	100.03	82.48	15.17	84.09	95.06	A+
6000±300	606.11	101.02	82.18	19.15	93.10	96.15	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.

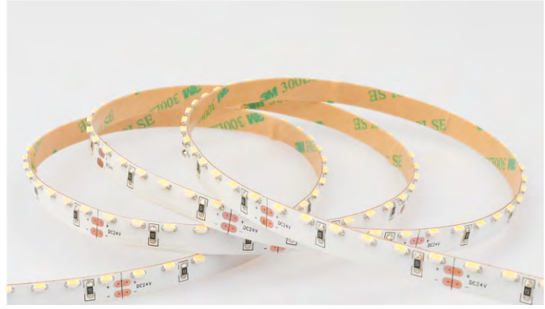
Order code: LY60-ES3014W30-W24-IP20 → IP20/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- W30 → CCT:W27/W30/W40/W60

SIDE EMITTING 3014SMD 120LEDs

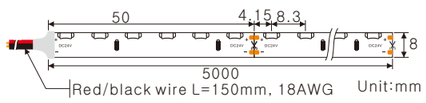
- 3014 LED with broader luminous surface
- Self-encapsulated design offers optional 2700-6000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2700K 3000K 4000K 6000K | R | G | B | Y | CRI >80

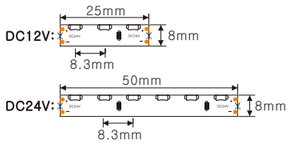
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

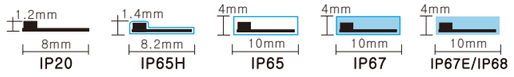


DIMENSIONS & WATERPROOF



R_{min}=50mm

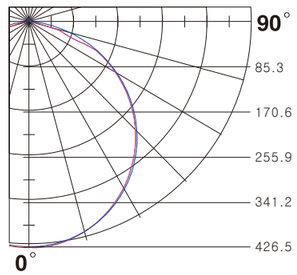




PRODUCT SPECIFICATION

Dimension	5000mmx8mmx1.2mm
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)	EEI Class
2700±100	1050.03	87.50	81.01	0.16	82.14	95.07	A+
3000±100	1164.07	97.01	81.69	7.11	83.14	96.12	A+
4000±200	1200.19	100.02	82.36	15.15	84.01	95.05	A+
6000±300	1212.08	101.01	82.18	19.02	93.17	96.09	A+

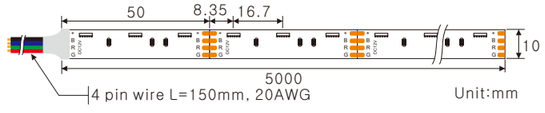
Note: Wave length: Red 620~625nm, Green 515~525nm, Blue 465~470nm, Yellow 585~595nm, Customized CCT can be realized according to specific requirements.

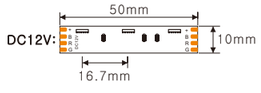
Order code: LY120-ES3014W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W24 → Voltage:W12/W24
- W30 → CCT:W27/W30/W40/W60

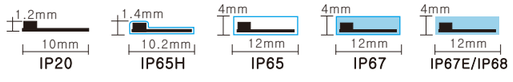
SIDE EMITTING RGB 020SMD 60LEDs

- 020 LED with broader luminous surface
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

DIMENSIONS & WATERPROOF



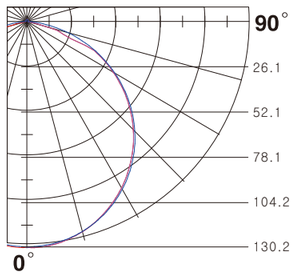




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	60LEDs/m,16.7mm pitch
Step LEDs	3LEDs
Step length	50mm
Power(W)	12Watt/meter
Voltage(V)	DC12V
Current(A/m)	1A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE (Base on IP20)



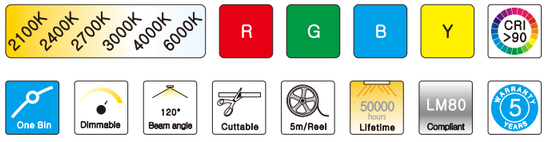
PRODUCT PHOTOMETRICS (The data base on IP20)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	4	84.14	21.04	633.06	623.16	-	-
Green	4	230.16	57.54	546.19	521.19	-	-
Blue	4	56.07	14.02	463.10	468.07	-	-
RGB	12	370.13	30.84	-	-	100025.87	40.15

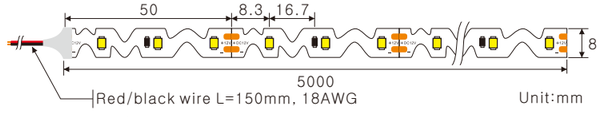
Order code: LY60-ES020RGB-W12-IP20 → IP20/IP65H/IP65/IP67/IP67E/IP68

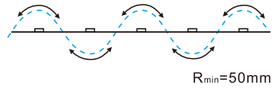
S SHAPE 2835SMD 60LEDs

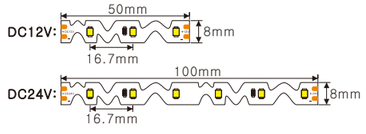
- 2835 LED S shape design,horizontal bending for signage lighting
- Self-encapsulated design offers optional 2100-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

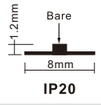


DIMENSIONS & WATERPROOF





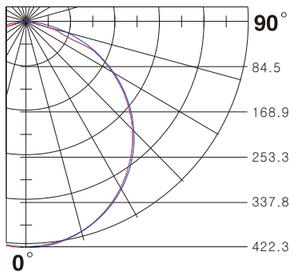




PRODUCT SPECIFICATION

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	EEI Class CRI>90 | CRI>80
2100±100	840 | 1170	70.0 | 97.5	91.5 | 81.5	69 | 7	86 | 81	101 | 90	A | A+
2400±100	924 | 1260	77.0 | 105.0	90.0 | 81.0	76 | 5	90 | 83	101 | 92	A+ | A+
2700±100	978 | 1320	81.5 | 110.0	91.0 | 82.0	78 | 8	89 | 82	100 | 96	A+ | A+
3000±100	1003 | 1380	83.5 | 115.0	91.0 | 82.2	79 | 6	90 | 81	102 | 92	A+ | A+
4000±200	1140 | 1410	95.0 | 117.5	94.0 | 82.5	77 | 5	90 | 78	99 | 95	A+ | A+
6000±300	1200 | 1428	100 | 122.4	92.0 | 82.0	82 | 6	91 | 86	101 | 96	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: LY60-BS2835WW30-W24-IP20
- W24 → Voltage:W12/W24
- WW30 → CCT:W21/W24/W27/W30/W40/W60

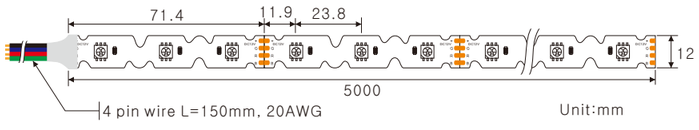
S SHAPE RGB 5050SMD 42LEDs

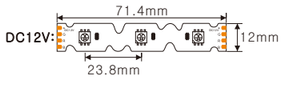
- 5050 LED S shape design,horizontal bending for signage lighting
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- Widely adaptable to all types of controllers

RGB

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

DIMENSIONS & WATERPROOF



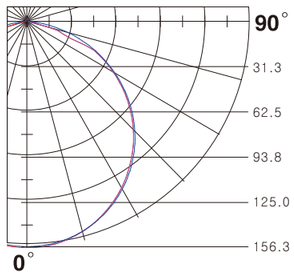


IP20

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)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS(The data base on IP20)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Peak Wavelength (nm)	Dominant Wavelength (nm)	CCT (K)	CRI
Red	3.43	91.98	27.54	632.13	622.06	-	-
Green	3.43	302.03	90.43	517.01	523.20	-	-
Blue	3.43	54.02	16.17	462.17	466.07	-	-
RGB	10.0	444.20	44.42		-	39023.45	57.06

Order code: LY60-BS5050RGB-W12-IP20

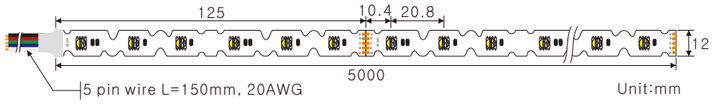
S SHAPE RGBW 5050SMD 48LEDs

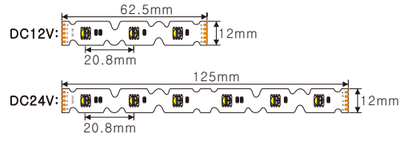
- 5050 LED S shape design,horizontal bending for signage lighting
- Self-encapsulated design
- High quality PCB, high thermal 3M adhesive
- Widely adaptable to all types of controllers

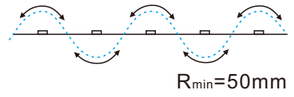
2700K 3000K 4000K 6000K | CRI >80 | RGB

Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | 5 Years Warranty

DIMENSIONS & WATERPROOF





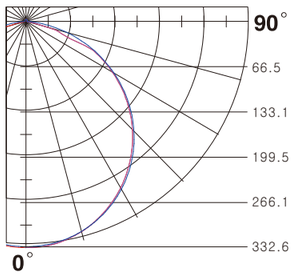


IP20

PRODUCT SPECIFICATION

Dimension	5000mmx12mmx1.2mm
Chip density	48LEDs/m,20.8mm pitch
Step LEDs	6LED(24V)/3LED(12V)
Step length	125mm(24V)/62.5mm(12V)
Power(W)	15Watt/meter
Voltage(V)	DC24V/DC12V
Current(A/m)	0.62A(24V)/1.25A(12V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

POLAR CURVE(Base on IP20 RGB+6000K)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS(The data base on IP20 24V)

CCT (K)	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	CRI
RGB+2700	15	840.19	56.01	63.08
RGB+3000	15	870.06	58.00	64.13
RGB+4000	15	930.11	62.01	70.16
RGB+6000	15	945.18	63.01	78.08

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

Voltage:W12/W24

RGBW27/RGBW30/RGBW40/RGBW60

Special

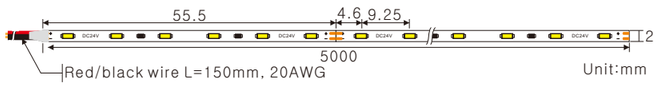
NARROW 1808SMD 108LEDs

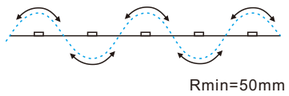
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white color temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

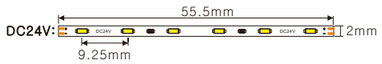
2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

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

DIMENSIONS & WATERPROOF



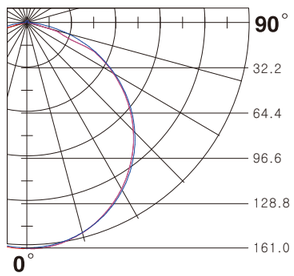




PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

PRODUCT PHOTOMETRICS (The data base on IP20 24V CRI > 95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class (CRI>90)
2000±100	322.66	64.53	95.15	77.08	86.02	89.08	A+
2500±100	375.20	75.04	95.60	80.03	89.14	96.01	A+
2700±100	392.70	78.54	96.20	89.18	90.10	99.06	A+
3000±100	410.20	82.04	97.01	92.20	95.05	105.12	A+
3500±100	432.14	86.43	97.19	97.13	94.18	103.03	A+
4000±200	447.54	89.51	97.52	98.14	95.14	101.12	A+
5000±250	456.09	91.22	97.04	97.13	96.07	101.18	A+
6000±300	457.62	91.52	97.12	96.05	95.04	100.03	A+

Order code: LY108-S1808W30-W24-IP20
→ CCT:W20/W25/W27/W30/W35/W40/W50/W60

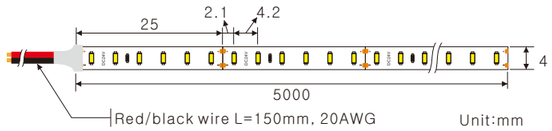
NARROW 1808SMD240LEDs

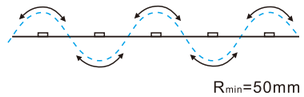
- 1808 LED with broader luminous surface
- Self-encapsulated design offers optional 2000-6000K
- Eight white color temperature for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

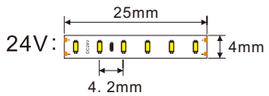
2000K 2500K 2700K 3000K 3500K 4000K 5000K 6000K | CRI >95

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

DIMENSIONS & WATERPROOF



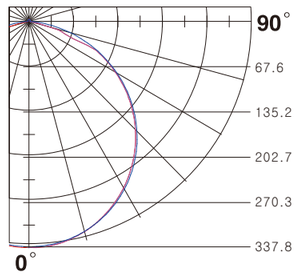




PRODUCT SPECIFICATION

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>90 6000K)



C0/C180: — C90/C270: — C0: —

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

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class (CRI>90)
2000±100	680.02	68.00	95.10	77.09	86.19	89.02	A
2500±100	786.14	78.61	95.68	80.06	89.11	96.07	A+
2700±100	823.17	82.32	96.08	89.10	90.20	99.05	A+
3000±100	864.20	86.42	97.12	92.14	95.02	105.04	A+
3500±100	900.03	90.00	97.07	97.15	94.17	103.14	A+
4000±200	938.03	93.80	97.67	98.04	95.09	101.09	A+
5000±250	956.02	95.60	97.09	97.01	96.20	101.07	A+
6000±300	960.06	96.01	97.10	96.10	95.01	100.10	A+

Order code: LY240-S1808W30-W24-IP20 → IP20/IP65
→ CCT:W20/W25/W27/W30/W35/W40/W50/W60

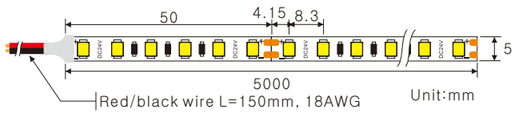
NARROW 2835SMD120LEDs

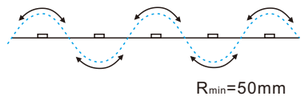
- 2835 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- White lights and R/G/B/Y and others colorful lights for option
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

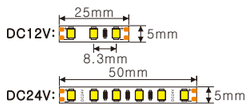
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

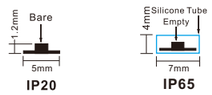
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF





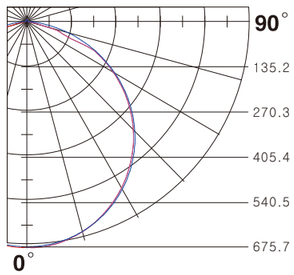




PRODUCT SPECIFICATION

Dimension	5000mmx5mmx1.2mm
Chip density	120LEDs/m,8.3mm pitch
Step LEDs	6LED(24V)/3LED(12V)
Step length	50mm(24V)/25mm(12V)
Power(W)	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 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	EEI Class CRI>90 | CRI>80
2100±100	1344.00 | 1872.19	70.00 | 97.51	91.62 | 81.67	69.18 | 7.20	86.08 | 81.09	101.10 | 90.16	A | A+
2400±100	1478.40 | 2016.00	77.00 | 105.00	90.08 | 81.09	76.10 | 5.08	90.14 | 83.15	101.03 | 92.03	A | A+
2700±100	1564.80 | 2112.00	81.50 | 110.00	91.13 | 82.04	78.10 | 8.18	89.09 | 82.18	100.06 | 96.15	A+ | A+
3000±100	1604.74 | 2208.00	83.58 | 115.00	91.16 | 82.26	79.15 | 6.13	90.14 | 81.08	102.08 | 92.20	A+ | A+
4000±200	1824.19 | 2256.00	95.01 | 117.50	94.10 | 82.68	77.14 | 5.08	90.17 | 78.06	99.11 | 95.14	A+ | A+
6000±300	1920.19 | 2284.80	100.01 | 119.00	92.10 | 82.18	82.20 | 6.02	91.07 | 86.10	101.11 | 96.11	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.

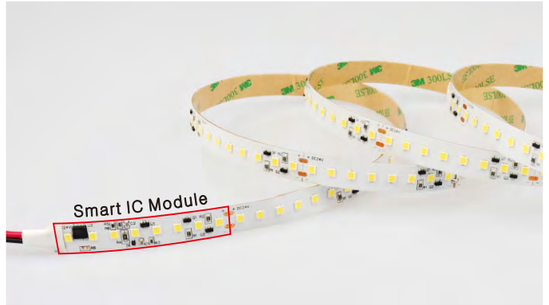
Order code: LY120-S2835W30-W24-IP20 → IP20/IP65
- W24 → Voltage:W12/W24
- W30 → CCT:W21/W24/W27/W30/W40/W60

Smart Temp. 2835SMD 128LEDs

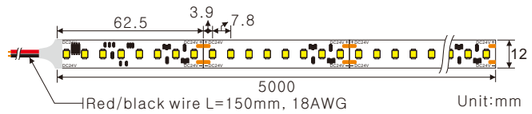
- Smart temperature control strip
- TC<60°C,brightness 100%; 60°C<TC<85°C, brightness down;
- TC≥85°C,brightness 0%
- Self-encapsulated design offers optional 2100-10000K
- White lights and R/G/B/Y and others colorful lights for option

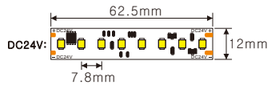
2100K 2400K 2700K 3000K 4000K 6000K | R | G | B | Y | CRI >90

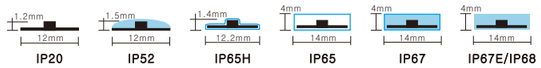
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty



DIMENSIONS & WATERPROOF



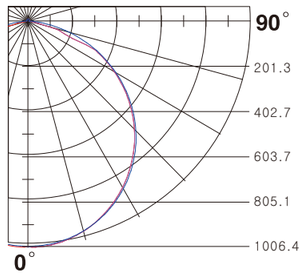




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx1.2mm
Chip density	128LEDs/m,7.8mm pitch
Step LEDs	8LED
Step length	62.5mm
Power(W)	22Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.91A
Copper foil	3oz
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	EEI Class CRI>90 | CRI>80
2100±100	2316.6 | 2673.0	105.3 | 121.5	90.17 | 81.62	72.35 | 11.09	88.12 | 78.18	100.18 | 90.15	A+ | A+
2400±100	2413.4 | 2996.4	109.7 | 136.2	90.79 | 82.77	74.33 | 14.03	89.19 | 83.47	101.42 | 92.15	A+ | A++
2700±100	2558.6 | 3311.0	116.3 | 150.5	90.88 | 81.59	76.25 | 15.04	89.19 | 76.18	101.04 | 96.14	A+ | A++
3000±100	2657.6 | 3396.8	120.8 | 154.4	89.50 | 82.39	79.19 | 14.09	90.98 | 86.04	103.08 | 94.12	A+ | A++
4000±200	2783.0 | 3524.4	126.5 | 160.2	90.19 | 82.62	78.29 | 15.02	88.13 | 78.08	101.11 | 95.14	A++ | A++
6000±300	2860.0 | 3594.8	130.0 | 163.4	89.17 | 81.53	77.15 | 15.12	89.19 | 86.08	102.62 | 96.36	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: LY128-TC2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
- W30 → CCT:W21/W24/W27/W30/W40/W60

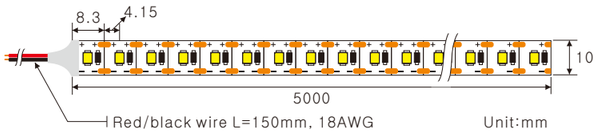
MINI CUTTING 2835SMD 120LEDs

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

2100K 2400K 2700K 3000K 4000K 6000K | CRI >90

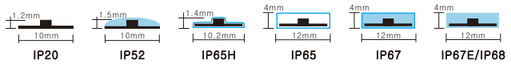
One Bin | Dimmable | 120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF



R_{min}=50mm

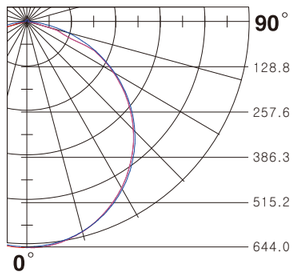
5V/12V/24V:



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)/1.2A(12V)/2.4A(5V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2100±100	1300.17 | 1500.24	68.43 | 78.96	90.14 | 81.02	72.01 | 11.09	88.12 | 78.15	100.18 | 90.15	A | A
2400±100	1450.08 | 1800.25	76.32 | 94.75	90.19 | 82.07	74.10 | 14.03	89.19 | 83.07	101.12 | 92.15	A | A+
2700±100	1599.99 | 2070.05	84.21 | 108.95	90.06 | 81.57	76.13 | 15.04	89.17 | 76.08	101.09 | 96.14	A+ | A+
3000±100	1680.17 | 2147.95	88.43 | 113.05	89.90 | 82.09	79.13 | 14.09	90.08 | 86.04	103.08 | 92.12	A+ | A+
4000±200	1800.25 | 2280.19	94.75 | 120.01	90.18 | 82.62	78.20 | 15.02	88.13 | 78.08	101.11 | 95.10	A+ | A+
6000±300	1830.08 | 2300.14	96.32 | 121.06	89.17 | 81.53	77.10 | 15.12	89.12 | 86.08	102.02 | 96.06	A+ | A+

Order code: LY120-OS2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
W24 → Voltage:W5/W12/W24
W30 → CCT:W21/W24/W27/W30/W40/W60

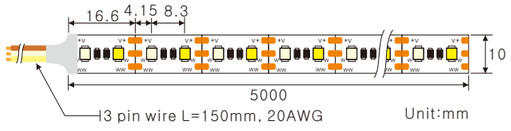
TW MINI CUTTING 2835SMD 120LEDs

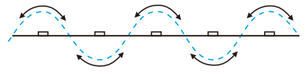
- 2835 LED with broader luminous surface
- Self-encapsulated design offers optional 1800-10000K
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2100K 2400K 2700K 3000K 4000K 6000K | CRI >90

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

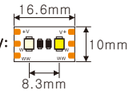
DIMENSIONS & WATERPROOF

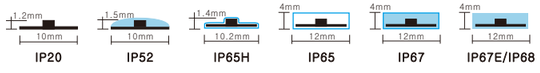




R_{min}=50mm

5V/12V/24V:

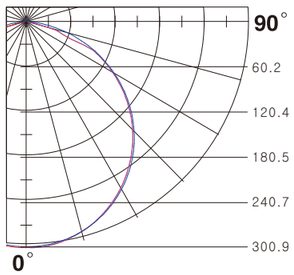




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	120LEDs/m,8.3mm pitch
Step LEDs	2LEDs
Step length	16.6mm
Power(W/M)	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 CRI > 90 6000K)



C0/C180: — C90/C270: — C0: —

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	798.06 | 1026.17	84.01 | 108.14	90.15 | 81.51	76.08 | 15.01	89.09 | 76.10	101.15 | 96.15	B | B
6000±400	912.06 | 1149.13	96.01 | 121.13	91.01 | 81.95	77.07 | 11.11	88.07 | 82.15	102.05 | 96.19	B | A
2700±6000	1712.85 | 2188.80	90.15 | 115.2	90.65 | 81.31	77.04 | 14.01	89.06 | 86.04	100.1 | 92.08	A+ | A+

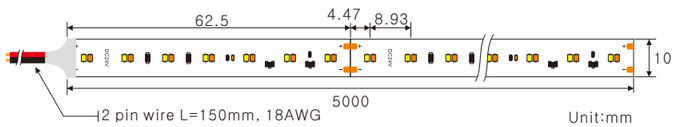
Order code: LY120-OS2835TW2760-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
W24 → Voltage:W5/W12/W24
TW2760 → CCT:TW2160/TW2460/TW2760/TW3060...

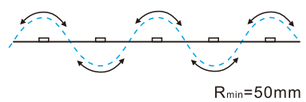
Dim to Warm 2216SMD 224LEDs

- 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

3000K~1800K Dim to WARM | CRI >90 | One Bin | 120° Beam angle | 50000 hours Lifetime | LM80 Compliant | Cuttable | 5m/Reel | 5 Years Warranty

DIMENSIONS & WATERPROOF

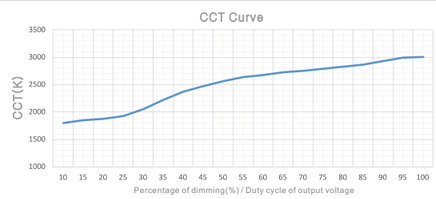


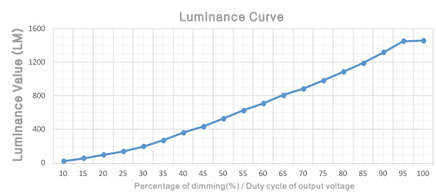


PRODUCT SPECIFICATION

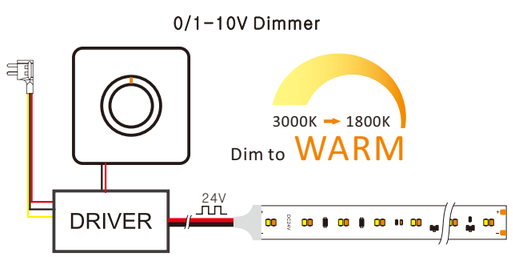
Dimension	5000mmx10mmx1.2mm
Chip density	224LEDs/m,8.93mm pitch
Step LEDs	14LED
Step length	62.5mm
Power(W)	18Watt/meter
Lumen	1389lumen/meter
Voltage(V)	DC24V
Current(A/m)	0.75A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

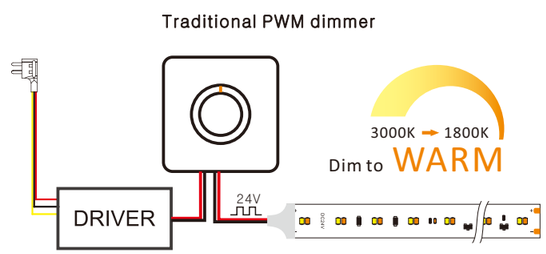
DIMMING CURVE (Base on Ip20 CRI > 90)





WIRING DIAGRAM





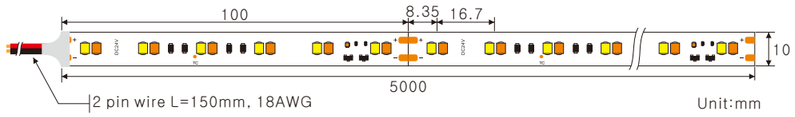
Order code: LY224-DTW2216-W24-IP20 → IP20/IP65H/IP65

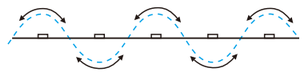
Dim to Warm 2835SMD 120LEDs

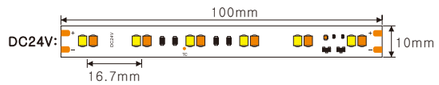
- Dim from Warm White 3500K to WarmWhite 2100K
- Dim by Triac, 0/1-10V, DALI, PWM constant voltage dimmable driver
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

3500K~2100K Dim to WARM | CRI >90 | One Bin | 120° Beam angle | 50000 hours Lifetime | LM80 Compliant | Cuttable | 5m/Reel | 5 Years Warranty

DIMENSIONS & WATERPROOF



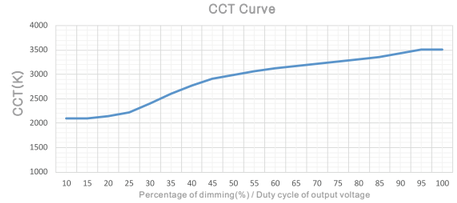


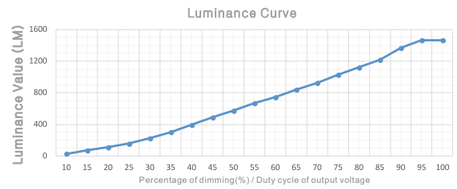


PRODUCT SPECIFICATION

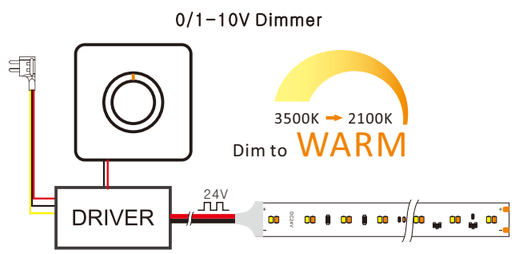
Dimension	5000mmx10mmx1.2mm
Chip density	120LEDs/m,16.7mm pitch
Step LEDs	12LEDs
Step length	100mm
Power(W)	14.4Watt/meter
Lumen	1137lumen/meter
Voltage(V)	DC24V
Current(A/m)	0.6A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

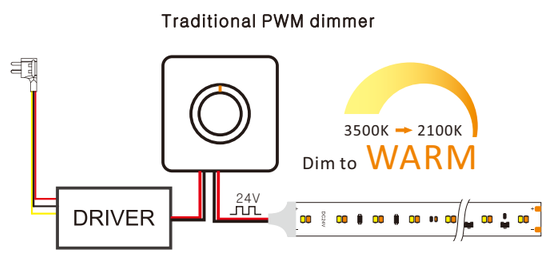
DIMMING CURVE (Base on Ip20 CRI > 90)





WIRING DIAGRAM





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

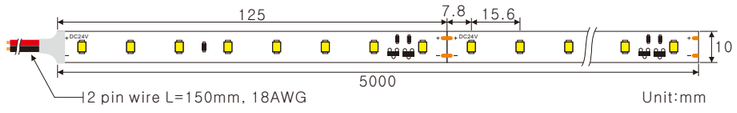
Hi-Efficiency 2835SMD 64LEDs

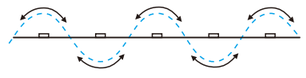
- Special PCB design,light efficiency up to 190 lumen/m
- Self-encapsulated design offers optional 2700-6000K
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2700K 3000K 4000K 6000K | CRI >90 | Dimmable | One Bin

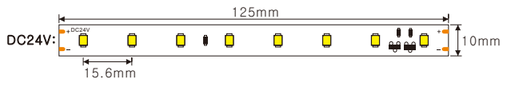
120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

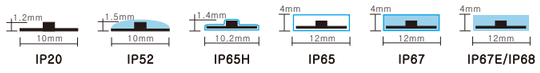
DIMENSIONS & WATERPROOF





R_{min}=50mm

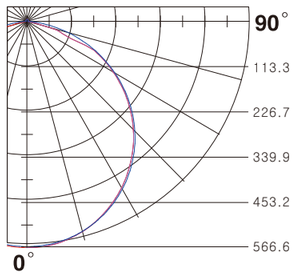




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	64LEDs/m,15.6mm pitch
Step LEDs	8LED(24V)
Step length	125mm(24V)
Power(W)	9.6Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.4A(24V)
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2700±100	1440.02 | 1640.17	150.00 | 170.85	92.45 | 82.16	69.05 | 2.28	88.19 | 81.03	99.18 | 94.12	A++ | A++
3000±100	1500.06 | 1747.02	156.26 | 181.98	93.01 | 81.04	74.17 | 1.02	89.11 | 80.12	99.04 | 91.12	A++ | A++
4000±200	1600.04 | 1824.19	166.67 | 190.02	91.81 | 81.63	68.20 | 1.42	90.13 | 80.10	100.17 | 92.13	A++ | A++
6000±300	1610.10 | 1833.12	167.72 | 190.95	91.19 | 80.30	61.04 | 3.05	88.10 | 81.08	99.12 | 92.15	A++ | A++

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

Order code: LY64-HS2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

CCT:W27/W30/W40/W60

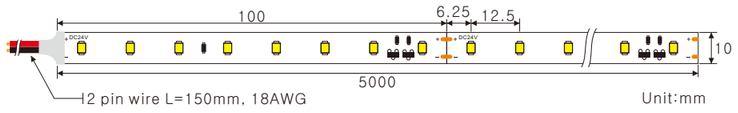
Hi-Efficiency 2835SMD 80LEDs

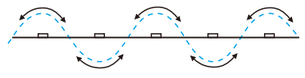
- Special PCB design,light efficiency up to 190 lumen/m
- Self-encapsulated design offers optional 2700-6000K
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

2700K 3000K 4000K 6000K | CRI >90 | Dimmable | One Bin

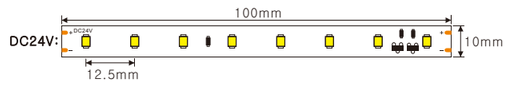
120° Beam angle | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

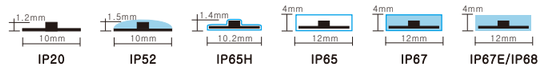
DIMENSIONS & WATERPROOF





R_{min}=50mm

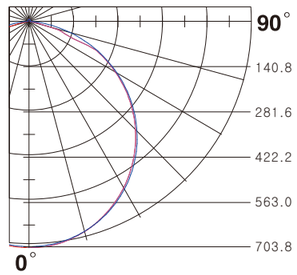




PRODUCT SPECIFICATION

Dimension	5000mmx10mmx1.2mm
Chip density	80LEDs/m,12.5mm pitch
Step LEDs	8LEDs
Step length	100mm
Power(W)	12Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.5A
Copper foil	2oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2700±100	1776.16 | 2052.05	148.01 | 171.00	92.60 | 82.07	69.07 | 2.15	88.05 | 81.13	99.13 | 94.02	A++ | A++
3000±100	1860.17 | 2180.06	155.01 | 181.67	93.06 | 81.14	74.13 | 1.13	89.15 | 80.09	99.01 | 91.14	A++ | A++
4000±200	1982.01 | 2290.15	165.17 | 190.85	91.86 | 81.76	68.08 | 1.36	90.20 | 80.08	100.02 | 92.03	A++ | A++
6000±300	2000.08 | 2292.09	166.67 | 191.01	91.08 | 80.33	61.06 | 3.18	88.01 | 81.20	99.18 | 92.13	A++ | A++

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

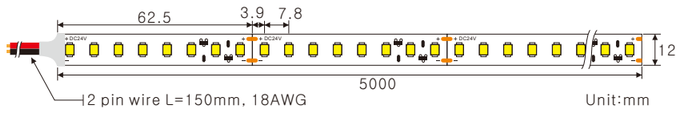
Order code: LY80-HS2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

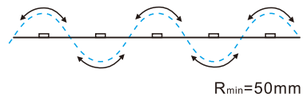
CCT:W27/W30/W40/W60

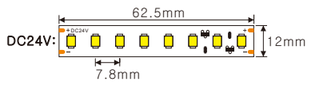
Hi-Efficiency 2835SMD 128LEDs

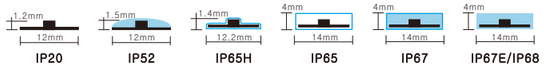
- Special PCB design,light efficiency up to 190 lumen/m
- Self-encapsulated design offers optional 2700-6000K
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

DIMENSIONS & WATERPROOF





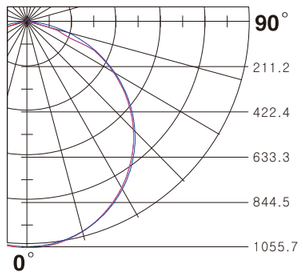




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx1.2mm
Chip density	128LEDs/m,7.8mm pitch
Step LEDs	8LEDs
Step length	62.5mm
Power(W)	18Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.75A
Copper foil	3oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2700±100	2664.03 | 3078.11	148.00 | 171.01	92.59 | 82.13	69.07 | 2.29	88.09 | 81.09	99.10 | 94.05	A++ | A++
3000±100	2790.14 | 3276.19	155.01 | 182.01	93.18 | 81.19	74.01 | 1.10	89.08 | 80.11	99.14 | 91.16	A++ | A++
4000±200	2970.10 | 3420.19	165.01 | 190.01	91.86 | 81.75	68.02 | 1.44	90.12 | 80.02	100.10 | 92.07	A++ | A++
6000±300	3000.14 | 3438.02	166.67 | 191.00	91.08 | 80.32	61.10 | 3.03	88.11 | 81.02	99.02 | 92.05	A++ | A++

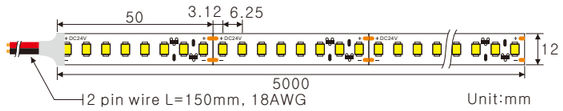
Note: Customized CCT can be realized according to specific requirements.

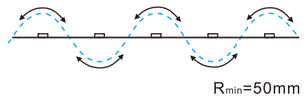
Order code: LY128-HS2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
W30 → CCT:W27/W30/W40/W60

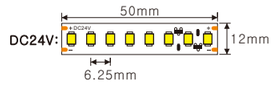
Hi-Efficiency 2835SMD 160LEDs

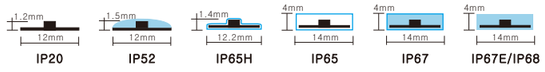
- Special PCB design,light efficiency up to 190 lumen/m
- Self-encapsulated design offers optional 2700-6000K
- High quality PCB, high thermal 3M adhesive
- Provide 1BIN delivery

DIMENSIONS & WATERPROOF





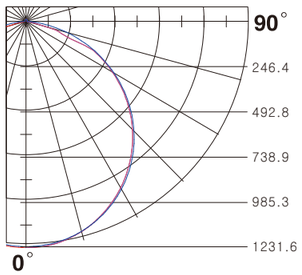




PRODUCT SPECIFICATION

Dimension	5000mmx12mmx1.2mm
Chip density	160LEDs/m,6.25mm pitch
Step LEDs	8LEDs
Step length	50mm
Power(W)	21Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.87A
Copper foil	3oz
Ambient temperature	-20°C~+50°C

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



C0/C180: — C90/C270: — C0: —

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	EEI Class CRI>90 | CRI>80
2700±100	3108.00 | 3590.16	148.00 | 170.96	91.83 | 81.41	59.08 | 2.11	89.20 | 82.12	96.12 | 93.05	A++ | A++
3000±100	3255.21 | 3822.21	155.01 | 182.01	92.44 | 82.07	56.04 | 6.04	90.06 | 81.08	100.17 | 95.16	A++ | A++
4000±200	3459.96 | 4000.29	164.76 | 190.49	91.53 | 84.37	60.14 | 6.20	88.16 | 82.03	98.05 | 88.13	A++ | A++
6000±300	3500.07 | 4011.21	166.67 | 191.01	92.47 | 82.15	68.19 | 10.17	88.04 | 81.04	96.16 | 93.03	A++ | A++

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

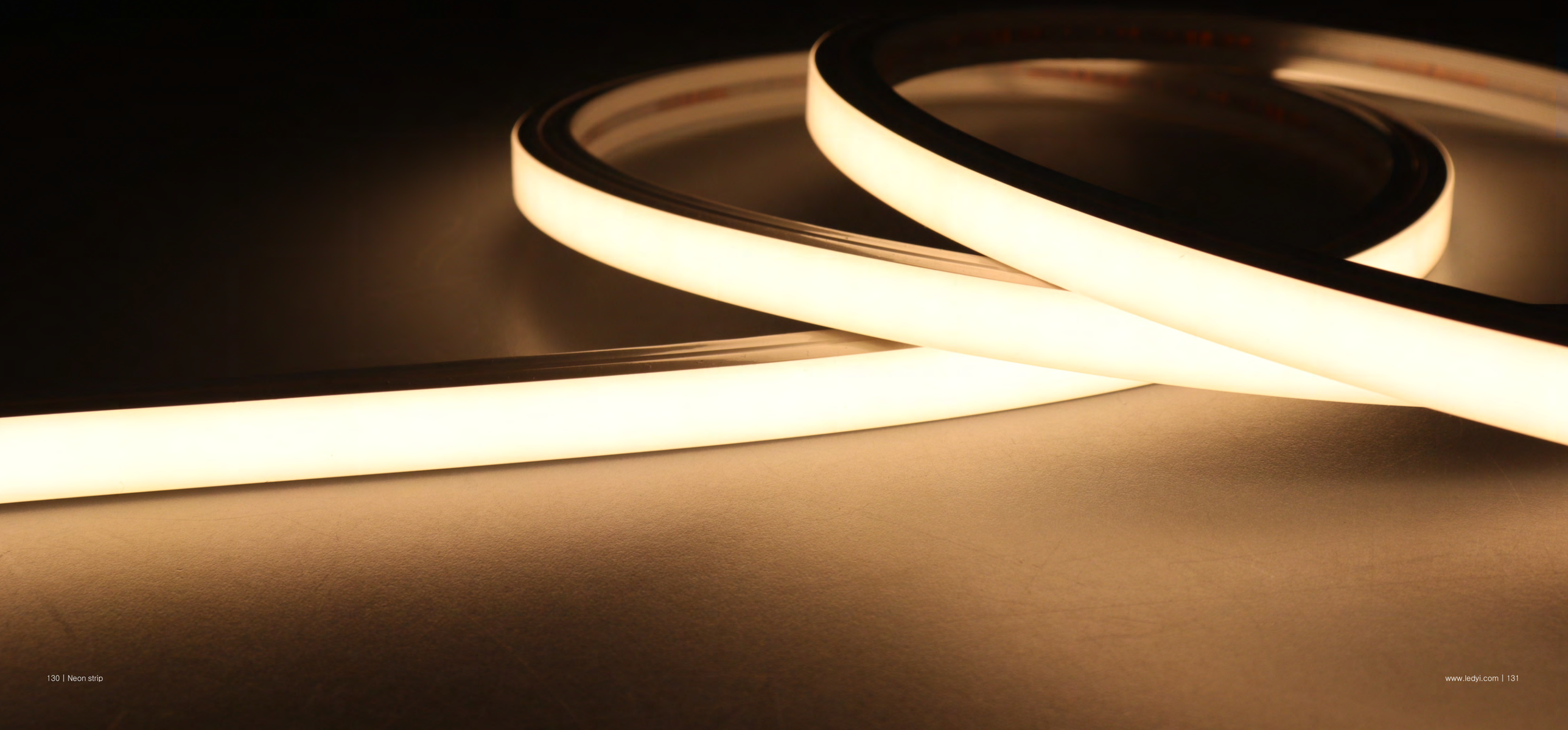
Order code: LY160-HS2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
W30 → CCT:W27/W30/W40/W60

NEON FLEX

Neon Flex contains silicone neon and PU neon, silicone neon is IP65/IP67, used indoor or outdoor. PU neon is ture IP68, used underwater.

Silicone Neon, is made by adopting three-color silicone integrated extrusion shaping process, and it's protection grade reaches up to IP65/IP67, featuring resistances to saline solutions, acid & alkali, corrosive gases, fire and UV, applying to indoor and outdoor molding decoration, building outlines,city night scenes illuminating and so forth for the sake of the effect of decorative lighting.PU Neon, is made by

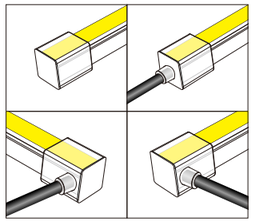
TPU U shape milky tube and filling with opal PU glue, it's protection grade reaches up to IP68, UV resistant and saltwater resistant, used for underwater decorative lighting.



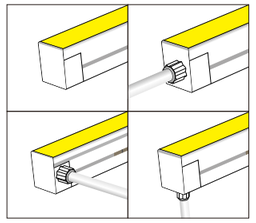
Neon Flex Solution

Cable outlet

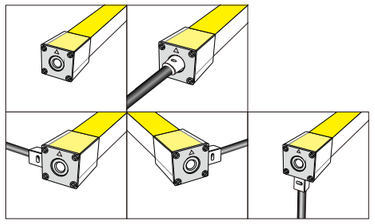
Standard end cap



Seamless end cap



Solderless end cap

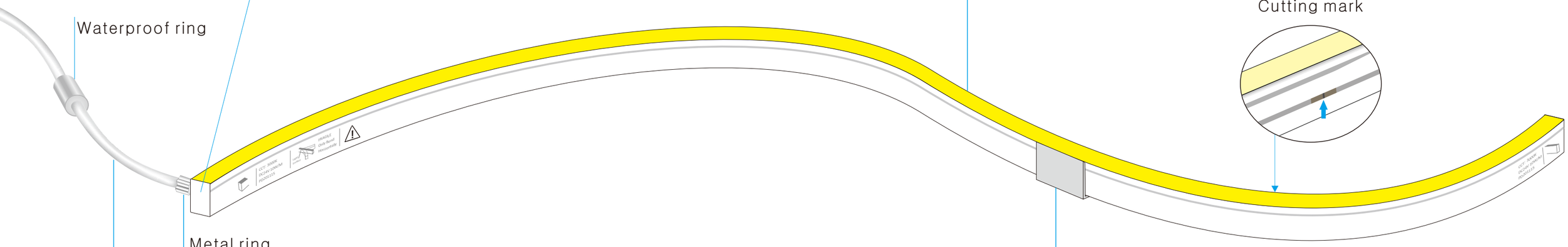


Integrally extruded

Max length up to 50meters with one end power

Cutting mark

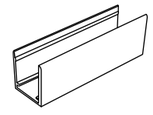
Waterproof ring



Metal ring

Mounting Accessories

Mounting Clip

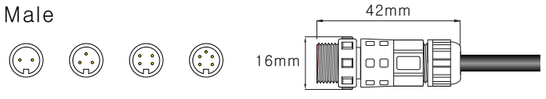


Mounting Profile

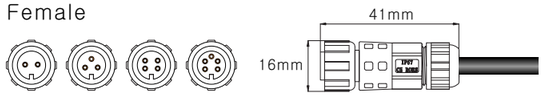
Moldable Groovez

IP65/IP67 cable connector

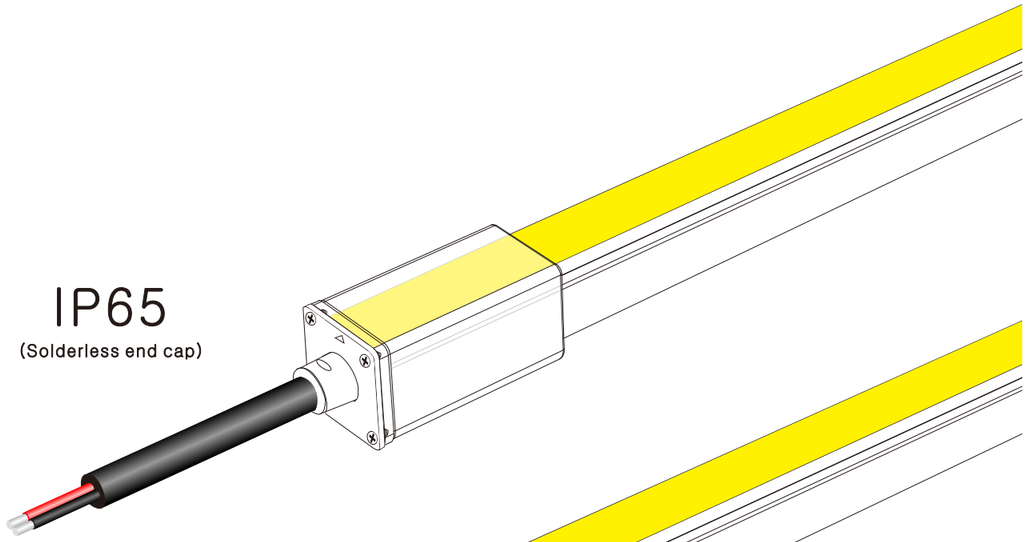
Male



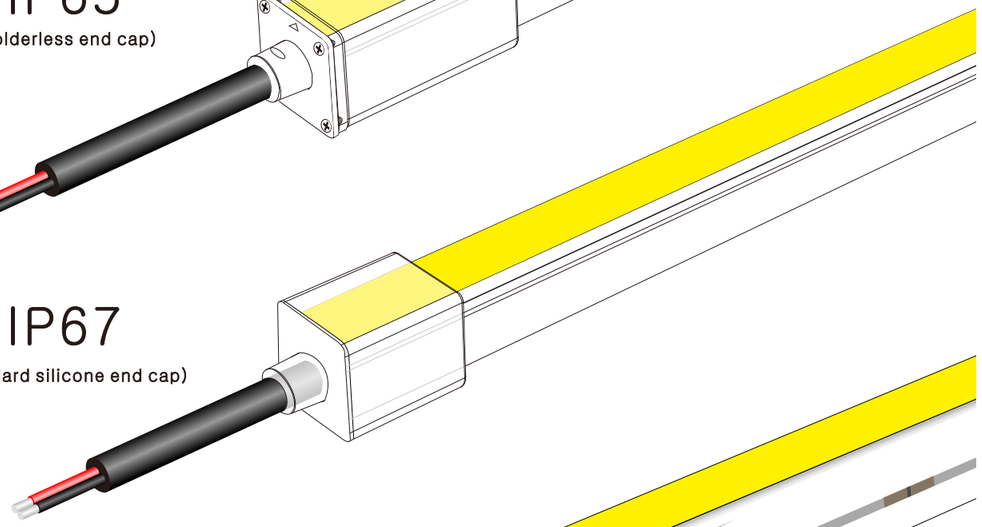
Female



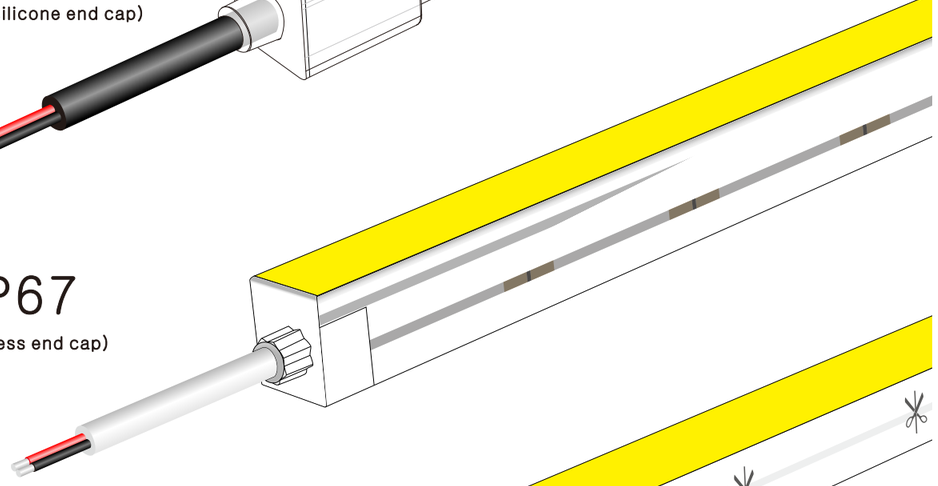
IP Process Technology



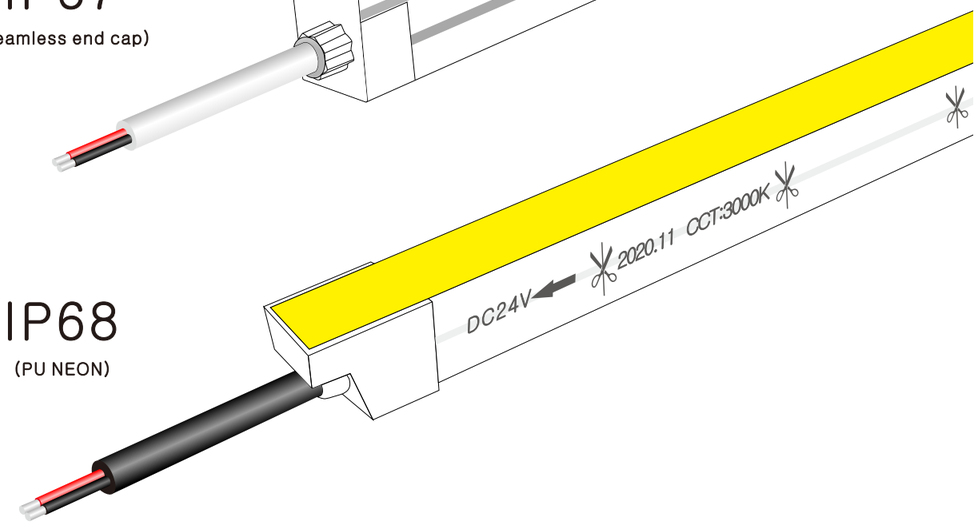
IP65
(Solderless end cap)



IP67
(Standard silicone end cap)

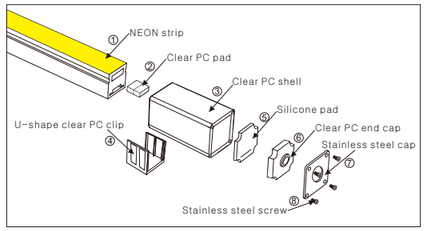


IP67
(Seamless end cap)

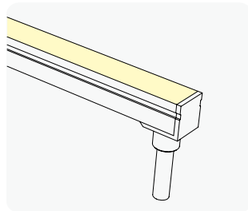


IP68
(PU NEON)

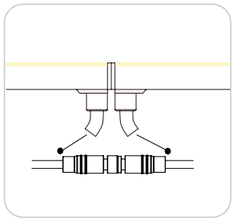
IP65 Solderless end cap deconstruction diagram



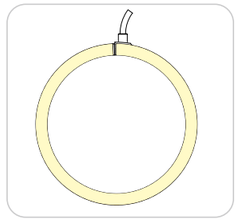
IP67 Seamless end cap without dark area



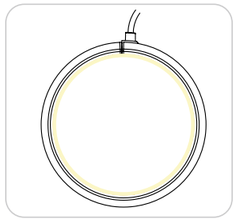
Linear interconnection without dark area



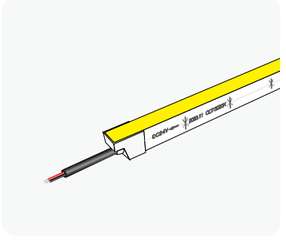
Curve interconnection of lighting outward without dark area



Curve interconnection of lighting outward without dark area

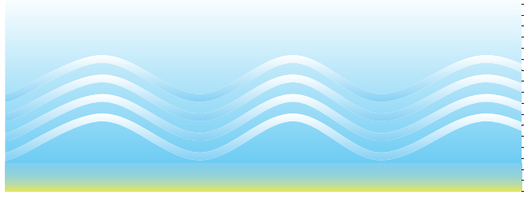


Ip68 end cap, used under the water



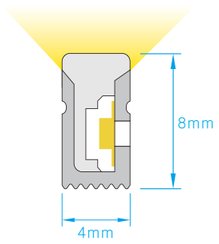
Pool

Under water<3meters deep

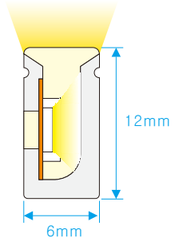


Side Bend

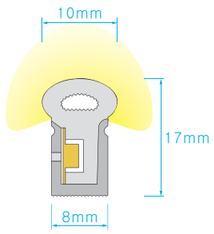
Series	Flat luminous surface series (Side bend)
Model	NS-S0408
Size(mm)	4x8
Voltage	DC24V
Min cut (mm)	25
Power (W/m)	6
Lumen (LM/m)	199~223
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K
CRI	>90
Min bending radius (mm)	>300
IP	IP67



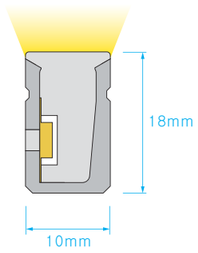
Series	Flat luminous surface series (Side bend)
Model	NS-S0612
Size(mm)	6x12
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	**5:** 199~223 | **10:** 246~360
CCT / Color	2700K 3000K 3500K 4000K 4500K 5700K 6500K R P G B Y RGB
CRI	>90
Min bending radius (mm)	>300
IP	IP67



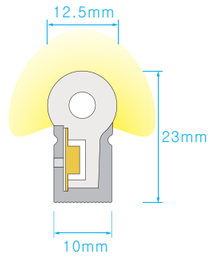
Series	Curve luminous surface series (Side bend)
Model	NS-S0817
Size(mm)	8x17
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	**5:** 142~174 | **10:** 271~340
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K 5700K 6500K R P G B Y RGB
CRI	>90
Min bending radius (mm)	>300
IP	IP67



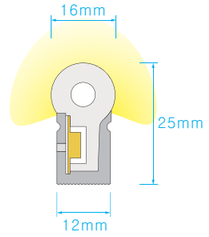
Series	Flat luminous surface series (Side bend)
Model	NS-S1018
Size(mm)	10x18
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10/15
Lumen (LM/m)	**5:** 141.4~180.3 | **10:** 273.3~356.0 | **15:** 371.5~484.1
CCT / Color	2700K 3000K 3500K 4000K 4500K 5700K 6500K R P G B Y RGB
CRI	>90
Min bending radius (mm)	>300
IP	IP67



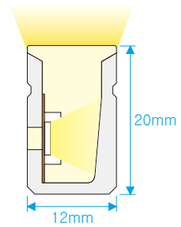
Series	Curve luminous surface series (Side bend)
Model	NS-S1023
Size(mm)	10x23
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10/15
Lumen (LM/m)	**5:** 160~197 | **10:** 310~387 | **15:** 433~542
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K 5700K 6500K R P G B Y RGB
CRI	>90
Min bending radius (mm)	>300
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 3000K 3500K 4000K 4500K 5000K 5700K 6500K R P G B Y RGB RGBW
CRI	>90
Min bending radius (mm)	>300
IP	IP67

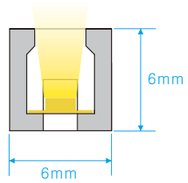


Series	Flat luminous surface series (Side bend)
Model	NS-S1220
Size(mm)	12x20
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW) / 166.7(DMX512)
Power (W/m)	5/10/15
Lumen (LM/m)	**5:** 131.7~176.9 | **10:** 258.7~345.1 | **15:** 360.9~475.4
CCT / Color	2700K 3000K 3500K 4000K 4500K 5000K 5700K 6500K R P G B Y RGB RGBW DMX
CRI	>90
Min bending radius (mm)	>300
IP	IP67

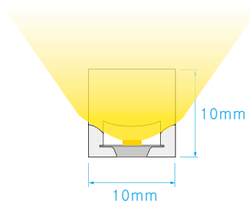


Top Bend

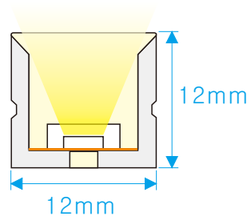
Series	Flat luminous surface series (Top Bend)
Model	NS-T0606
Size(mm)	6x6
Voltage	DC24V
Min cut (mm)	25
Power (W/m)	6
Lumen (LM/m)	235~379
CCT / Color	1700K 2200K 2700K 3000K 4000K 5000K 6500K
CRI	>90
Min bending radius (mm)	>300
IP	IP67



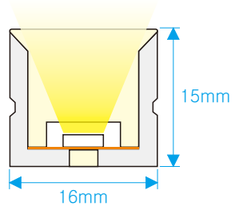
Series	Flat luminous surface series (Top Bend)
Model	NS-T1010
Size(mm)	10x10
Voltage	DC24V
Min cut (mm)	35.7
Power (W/m)	5/10
Lumen (LM/m)	**5:** 332.5~429.6 | **10:** 644.1~828.8
CCT / Color	1700K 2200K 2700K 3000K 4000K 5000K 6500K R P G B Y
CRI	>90
Min bending radius (mm)	>300
IP	IP67



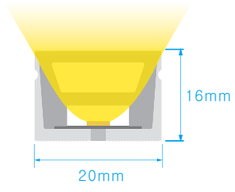
Series	Flat luminous surface series (Top Bend)
Model	NS-T1212
Size(mm)	12x12
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	**5:** 289.6~354.1 | **10:** 559.8~681.9
CCT / Color	1700K 2200K 2700K 3000K 4000K 5000K 6500K 6500K 5700K R P G B Y RGB
CRI	>90
Min bending radius (mm)	>300
IP	IP67



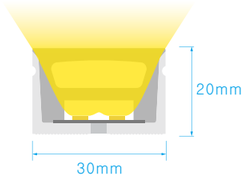
Series	Flat luminous surface series (Top Bend)
Model	NS-T1615
Size(mm)	16x15
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW) / 166.7(DMX512)
Power (W/m)	5/10/15
Lumen (LM/m)	**5:** 240.3~297.8 | **10:** 459.9~583.9 | **15:** 627.5~815.8
CCT / Color	1700K 2200K 2700K 3000K 4000K 5000K 6500K 6500K 5700K R P G B Y RGB RGBW RGBW
CRI	>90
Min bending radius (mm)	>300
IP	IP67



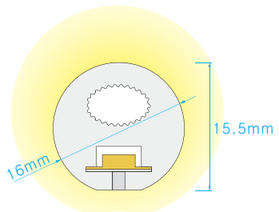
Series	Flat luminous surface series (Top Bend)
Model	NS-T2016
Size(mm)	20x16
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB/RGBW)
Power (W/m)	12/16/20
Lumen (LM/m)	**12:** 608~783 | **16:** 792~1009 | **20:** 942~1220
CCT / Color	1700K 2200K 2700K 3000K 4000K 5000K 6500K 6500K 6500K R P G B Y RGB RGBW
CRI	>90
Min bending radius (mm)	>200
IP	IP67



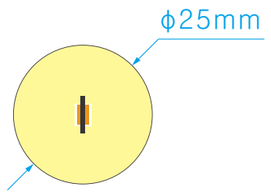
Series	Flat luminous surface series (Top Bend)
Model	NS-T3020
Size(mm)	30x20
Voltage	DC24V
Min cut (mm)	50(Single color) / 41.66(Tunable/RGB/RGBW)
Power (W/m)	16/20/24
Lumen (LM/m)	**16:** 836.9~1067 | **18:** 1017~1298 | **24:** 1196~1534
CCT / Color	1700K 2200K 2700K 3000K 4000K 5000K 6500K 6500K 6500K R P G B Y RGB RGBW
CRI	>90
Min bending radius (mm)	>300
IP	IP67



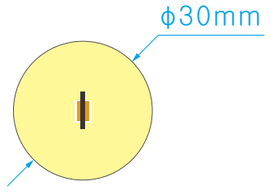
Series	360° luminous surface series
Model	NS-D16
Size(mm)	16x15.5
Voltage	DC24V
Min cut (mm)	50(Single/Tunable color) / 62.5(RGB)
Power (W/m)	5/10
Lumen (LM/m)	**5:** 284~378 | **10:** 558~735
CCT / Color	1700K 2200K 2700K 3000K 4000K 5000K 6500K 6500K R P G B Y RGB
CRI	>90
Min bending radius (mm)	>300
IP	IP67



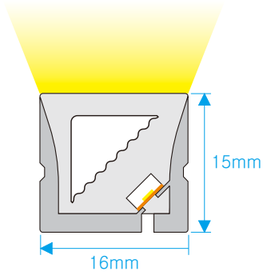
Series	360° luminous surface series
Model	NS-Φ25
Size(mm)	25
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	**5:** 272~302 | **10:** 525~586
CCT / Color	1700K 2200K 2700K 3000K 4000K 5000K 6500K 6500K 6500K R P G B Y RGB
CRI	>90
Min bending radius (mm)	>300
IP	IP67



Series	360° luminous surface series
Model	NS-Φ30
Size(mm)	30
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	**5:** 263~293 | **10:** 491~545
CCT / Color	1700K 2200K 2700K 3000K 4000K 5000K 6500K 6500K 6500K R P G B Y RGB
CRI	>90
Min bending radius (mm)	>300
IP	IP67



Series	Flat luminous surface series (Top Bend & Side Bend)
Model	NS-3D1615
Size(mm)	16x15
Voltage	DC24V
Min cut (mm)	50
Power (W/m)	5/10
Lumen (LM/m)	**5:** 316~391 | **10:** 626~745
CCT / Color	1700K 2200K 2700K 3000K 4000K 5000K 6500K R P G B Y
CRI	>90
Min bending radius (mm)	>300
IP	IP67



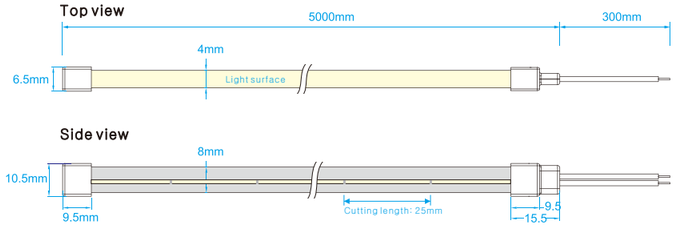
SIDE / Horizontal Bend S0408 NEON

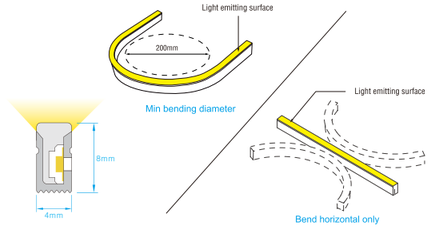
- Regular power 6W/m
- Max length 5 meters with one end power
- Seven CCT optional from 2100K to 5300K

2100K 2400K 2600K 3000K 3500K 4200K 5300K

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | Warranty 3 Years

DIMENSIONS & WATERPROOF

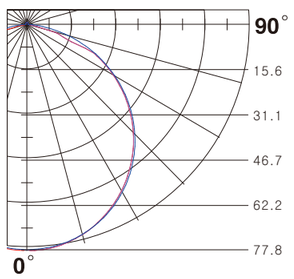




PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

WHITE COLOR PARAMETERS

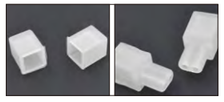
Part Number	CCT (K)	Lumen (lm/m)	Efficacy (lm/w)
NS-S0408-W21	2000-2300K	199	33.2
NS-S0408-W24	2300-2600K	212	35.3
NS-S0408-W26	2400-2800K	219	36.5
NS-S0408-W30	2800-3300K	253	42.2
NS-S0408-W35	3200-3900K	223	37.2
NS-S0408-W42	3900-4600K	214	35.7
NS-S0408-W53	5000-5700K	221	36.8

Accessory

Mounting accessories

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

Endcap



Endcap without hole Outlet from the end

Standard end cap

Wire cable

2PIN cable

Connector

2PIN connector
(Single color)

Neon Flex

SIDE / Horizontal Bend S0612 NEON

- 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

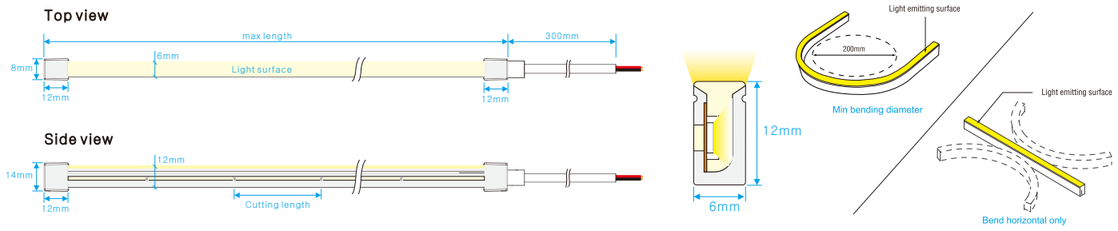
2100K 2400K 2700K 3000K 3550K 4050K 5050K 6150K

2200K 5500K

R P G B Y RGB

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | Warranty 3 Years

DIMENSIONS & WATERPROOF

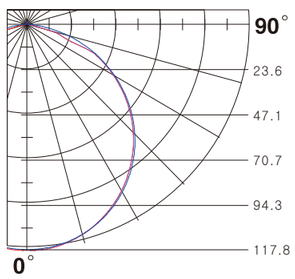


PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

WHITE COLOR PARAMETERS

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

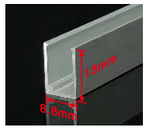
Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
NS-S0612-TW	2000-2300K	58	5m	126	5m
NS-S0612-TW	5000-5500K	88	5m	177	5m
NS-S0612-TW	3400-3700K	158	5m	269	5m

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

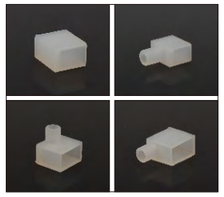
Accessory

Mounting accessories



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

Endcap



Standard end cap

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

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

2100K 2400K 2700K 3000K 3500K 4000K 5000K 6000K

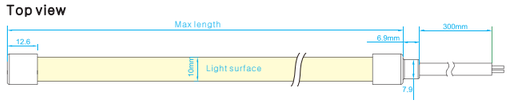
2700K 5500K

R P G B Y RGB

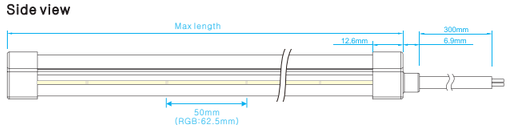
One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | 3 Warranty Years

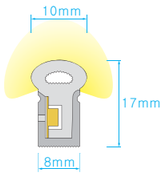
DIMENSIONS & WATERPROOF

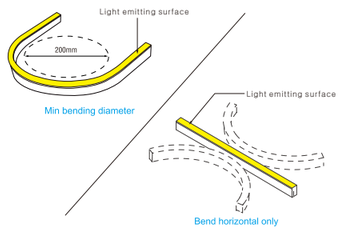
Top view



Side view





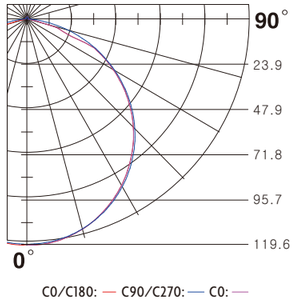


PRODUCT SPECIFICATION

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)



WHITE COLOR PARAMETERS

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

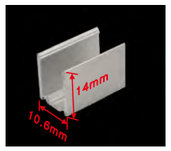
Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
NS-S0817-TW	2500-2900K	81	5m	169	5m
NS-S0817-TW	5000-5800K	83	5m	173	5m
NS-S0817-TW	3500-4200K	161	5m	332	5m

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	13m
NS-S0817-Y	Yellow(585-595nm)	14.6	25m	37.4	17m
NS-S0817-P	Pink	74.3	19m	195.8	13m
NS-S0817-RGB	RGB	77.4	5m	108.0	5m

Accessory

Mounting accessories



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

Endcap

Endcap without hole Outlet from the end

Standard end cap

Wire cable

2PIN cable

3PIN cable

4PIN cable

Connector

2PIN connector
(Single color)

3PIN connector
(Tunable White)

4PIN connector
(RGB color)

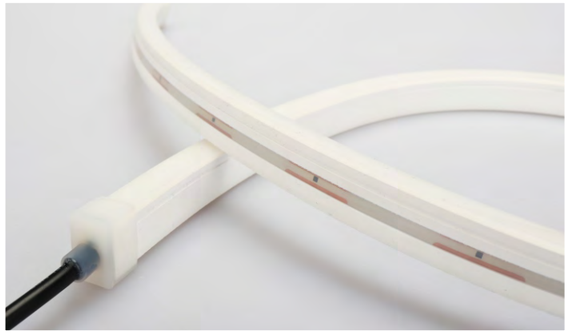
SIDE / Horizontal Bend S1018 NEON

- 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

2100K 2400K 2700K 3000K 3500K 4000K 5000K 6000K

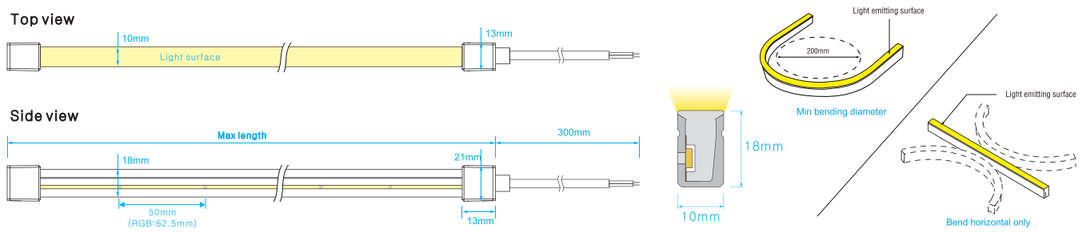
2700K 5500K

R P G B Y RGB



One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

DIMENSIONS & WATERPROOF

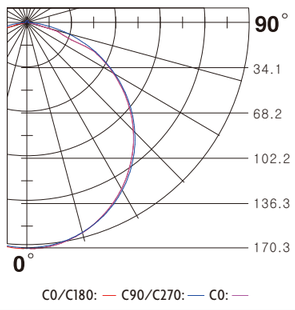


PRODUCT SPECIFICATION

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)



WHITE 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-W21	2000~2200K	141.4	25m	276.4	17m	375.9	13m
NS-S1018-W24	2300~2500K	138.7	25m	273.3	17m	371.5	13m
NS-S1018-W27	2600~2800K	160.4	25m	312.6	17m	421.9	13m
NS-S1018-W30	2900~3100K	163.4	25m	328.4	17m	441.3	13m
NS-S1018-W35	3400~3700K	170.3	25m	327.0	17m	452.6	13m
NS-S1018-W40	3800~4300K	178.3	25m	356.0	17m	484.1	13m
NS-S1018-W50	4800~5300K	180.3	25m	346.0	17m	483.9	13m
NS-S1018-W60	5900~6300K	177.2	25m	353.9	17m	468.5	13m

TUNABLE COLOR PARAMETERS

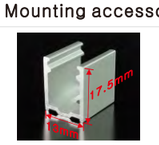
Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-S1018-TW	2500-2900K	77.2	5m	163.2	5m	219.0	5m
NS-S1018-TW	5000-5800K	83.0	5m	173.5	5m	231.5	5m
NS-S1018-TW	3500-4200K	160.8	5m	337.0	5m	451.8	5m

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	13m
NS-S1018-B	Blue(460-465nm)	38	25m	71	17m	92.7	13m
NS-S1018-Y	Yellow(585-595nm)	59	33m	116	22m	37.4	17m
NS-S1018-P	Pink	74	25m	148	17m	195.8	13m
NS-S1018-RGB	RGB	82	5m	144	5m	108.0	5m

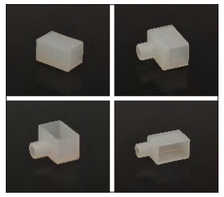
Accessory

Mounting accessories



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

Endcap



Standard end cap

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

- 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

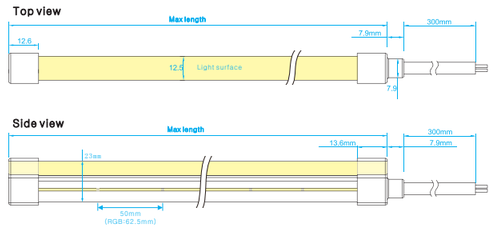
2100K 2400K 2700K 3000K 3500K 4000K 5000K 6000K

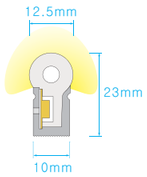
2700K 5500K

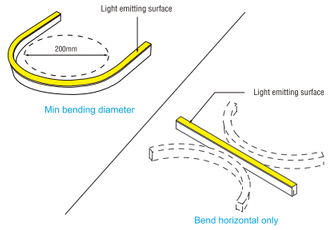
R P G B Y RGB

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | Warranty 3 Years

DIMENSIONS & WATERPROOF





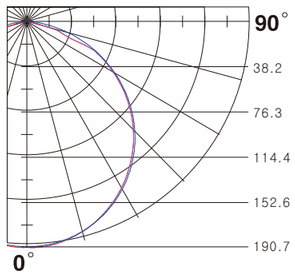


PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

WHITE 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-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

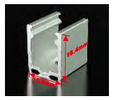
Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-S1023-TW	2500-2900K	85	5m	180	5m	251	5m
NS-S1023-TW	5000-5800K	89	5m	190	5m	262	5m
NS-S1023-TW	3500-4200K	175	5m	362	5m	509	5m

RGB COLOR PARAMETERS

Part Number	Color (nm)	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (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

Endcap without hole Outlet from the end

Standard end cap

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

- 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

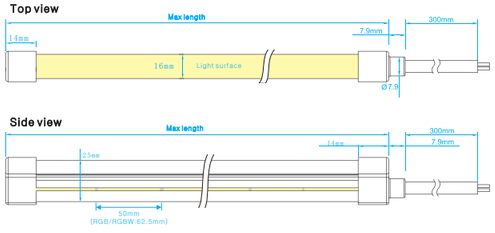
2100K 2400K 2700K 3000K 3500K 4000K 5000K 6000K

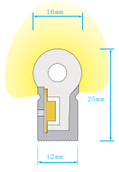
2700K ~ 5400K

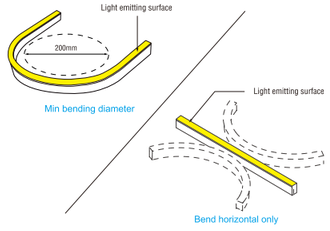
R P G B Y RGB RGBW

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | Warranty 3 Years

DIMENSIONS & WATERPROOF





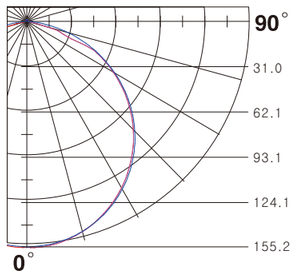


PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

WHITE 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-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

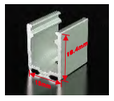
Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (lm/m)	(max length)
NS-S1225-TW	2500-2900K	73	5m	150	5m	207	5m
NS-S1225-TW	5000-5800K	75	5m	156	5m	216	5m
NS-S1225-TW	3400-4000K	142	5m	291	5m	403	5m

RGB & RGBW COLOR PARAMETERS

Part Number	Color (nm)	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (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

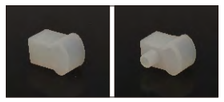
Accessory

Mounting accessories



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

Endcap



Endcap without hole Outlet from the end

Standard end cap

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

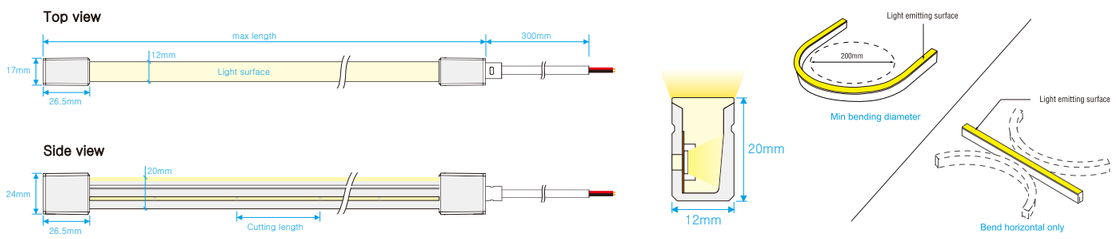
- Regular power 5W/m,10W/m and 15W/m for option
- Max length 35 meters with one end power
- Soldering-free and silicone end cap
- Eight CCT optional from 2100K to 6150K

2100K 2400K 2700K 3000K 3500K 4050K 5050K 6150K | 2200K 5500K

R | P | G | B | Y | RGB | RGBW

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

DIMENSIONS & WATERPROOF

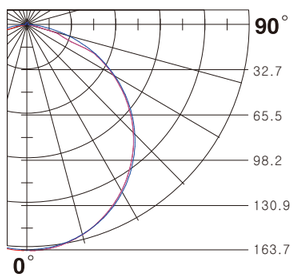


PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

WHITE 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-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

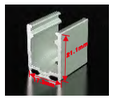
RGB & RGBW COLOR PARAMETERS

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

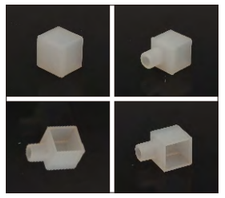
Accessory

Mounting accessories

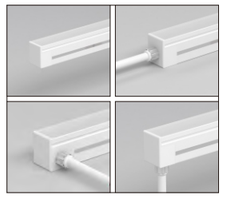


Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

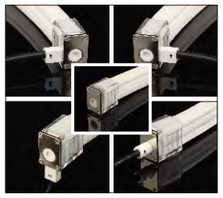
End cap



Standard end cap



Seamless end cap



Solderless end cap

Wire cable

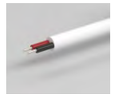
2PIN cable

3PIN cable

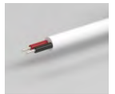
4PIN cable

5PIN cable

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

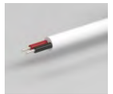


2PIN cable



3PIN cable

4PIN cable



5PIN cable

Connector

2PIN connector
(Single color)

3PIN connector
(Tunable White)

4PIN connector
(RGB color)

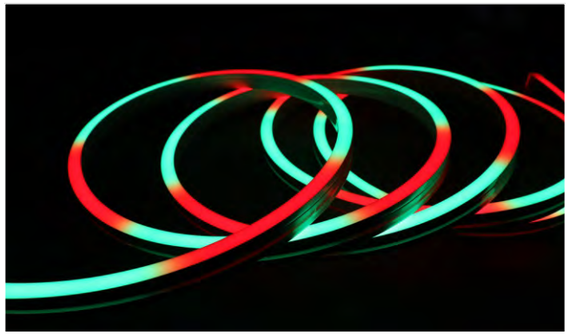
5PIN connector
(RGB+White color)

DMX512 NEON S1220 SIDE BEND

Description

DMX RGB LED NEON lights let you create millions of colors by just mixing red, green, and blue colors. With the ability to control each individual pixel and each individual channel, the color mix and color effects possibilities are endless.

- Compatible with DMX512(1990) protocol.
- Adopting RS485 signal trunk and signal differential transmission mode to ensure stronger ability of anti-interference and longer transmission distance
- Auto matically addressing with editor

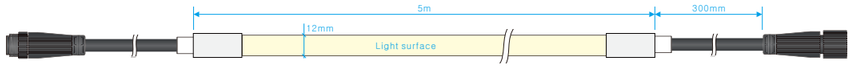


RGB

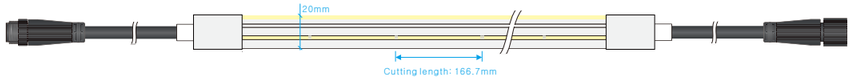
Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | One Bin | Warranty 3 Years

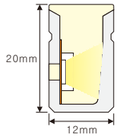
DIMENSIONS & WATERPROOF

Top view



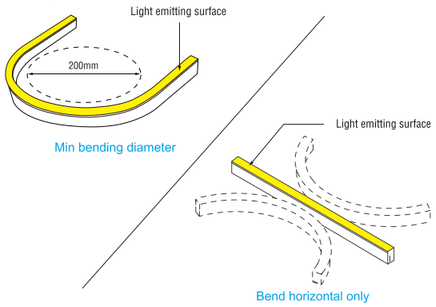
Side view





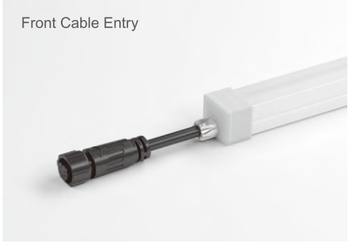
PRODUCT SPECIFICATION

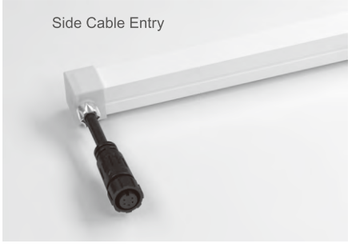
Voltage	DC24 V
Power(w/m)	9(max)
Lumen(lm/m)	R: 53 G: 146 B: 28 RGB: 218
Control Mode	DMX512
Gray Scale	65536
Pixel(pix/m)	6
Cutting length(mm)	166.7
IP Grade	IP67
Ambient temperature	-25°C~45°C

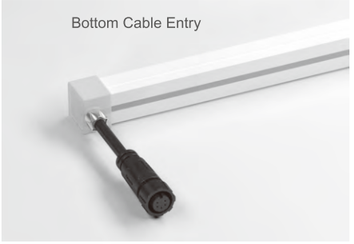


Cable outlet

Use three kinds of entry cable,to meet the different installing request



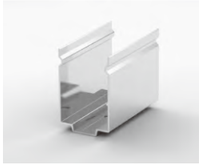


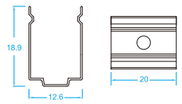


Accessory

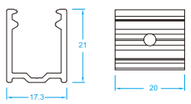
Mounting accessories

Stainless Steel Mounting clips

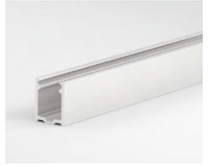


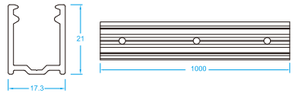


Aluminium Mounting clips



Aluminium Profile





Suspension Installation

Connector

1 Bag= 1x 30cm cable with 5 PIN Male connector + 1x 30cm cable with 5 PIN Female connector

T-type connector 20cm cable

Signal switching cable 20cm cable

5 cores silicone cable

Controller

DMX512 controller

DMX512 address editor

Neon Flex

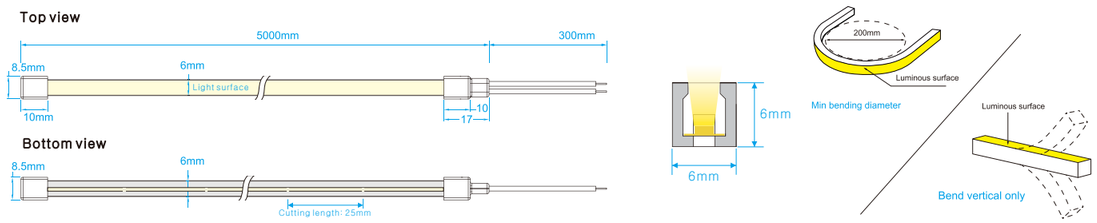
TOP / Vertical Bend T0606 NEON

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

1700K 2200K 2400K 2600K 2800K 3200K 3800K 4400K 5600K

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

DIMENSIONS & WATERPROOF

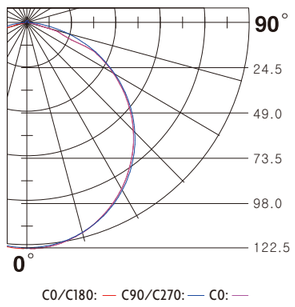


PRODUCT SPECIFICATION

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)



WHITE COLOR PARAMETERS

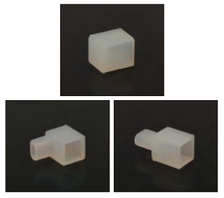
Part Number	CCT (K)	Efficacy (lm/w)	Lumen (lm/m)
NS-T0606-W17	1600-1900K	39.2	235
NS-T0606-W22	2100-2400K	54.2	325
NS-T0606-W24	2200-2600K	55.0	330
NS-T0606-W26	2400-2800K	56.2	337
NS-T0606-W28	2600-3000K	57.5	345
NS-T0606-W32	3000-3500K	58.0	348
NS-T0606-W38	3500-4200K	59.7	358
NS-T0606-W44	4000-4800K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

Accessory

Mounting accessories

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

Endcap



Standard end cap

Wire cable

2PIN cable

Connector

2PIN connector
(Single color)

TOP / Vertical Bend T1010 NEON

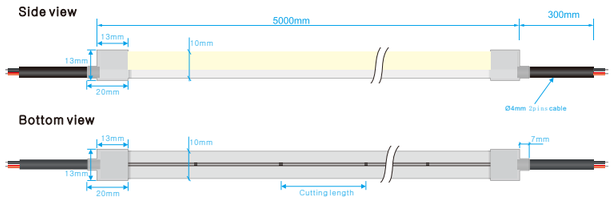
- Regular power 5W/m and 10W/m for option
- Max length 5 meters with one end power
- Eight CCT optional from 2100K to 6000K

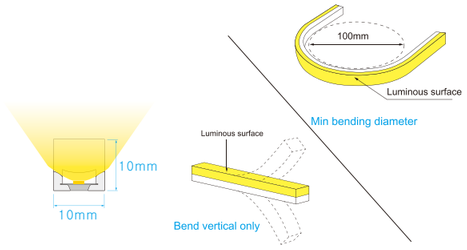
2100K 2400K 2700K 3000K 3500K 4000K 5000K 6000K

R P G B Y

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

DIMENSIONS & WATERPROOF



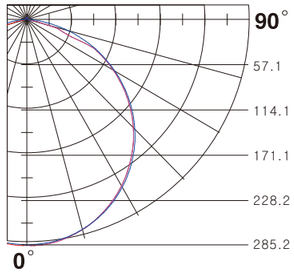


PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

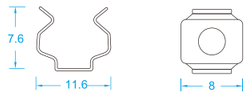
WHITE COLOR PARAMETERS

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

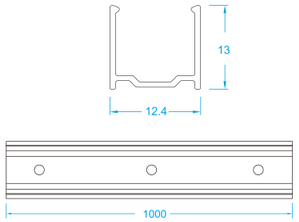
Accessory

Mounting accessories

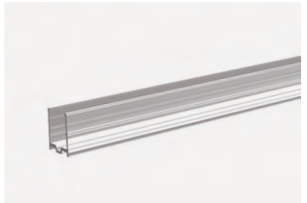
Stainless Steel Mounting clips

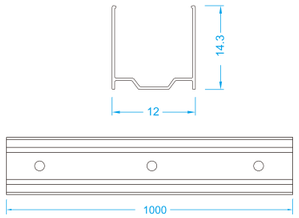


Aluminium Profile



transparent plastic groove





Endcap

Standard end cap

Wire cable

2PIN cable

Connector

2PIN connector
(Single color)

TOP / Vertical Bend T1212 NEON

- 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

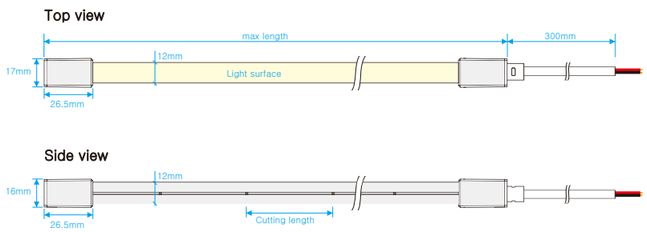
2100K 2400K 2700K 3000K 3500K 4050K 5050K 6150K

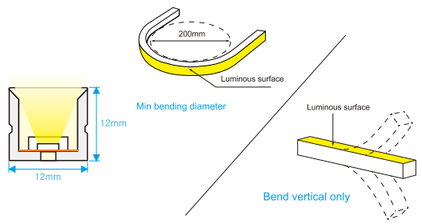
2500K ~ 5700K

R P G B Y RGB

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | Warranty 3 Years

DIMENSIONS & WATERPROOF



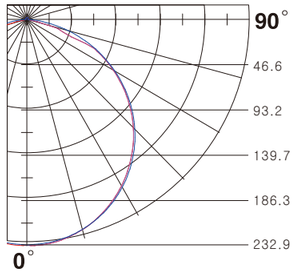


PRODUCT SPECIFICATION

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)



WHITE COLOR PARAMETERS

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

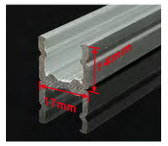
Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
NS-T1212-TW	2500-2900K	151.2	5m	314.5	5m
NS-T1212-TW	5000-5700K	161.2	5m	336.6	5m
NS-T1212-TW	3600-4200K	316.0	5m	646.1	5m

RGB COLOR PARAMETERS

Part Number	Color (nm)	Low power(5w/m) (lm/m)	(max length)	High power(15w/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	13m
NS-T1212-Y	Yellow(585-595nm)	27.9	25m	50.7	17m
NS-T1212-P	Pink	143.0	19m	278.0	13m
NS-T1212-RGB	RGB	174.0	5m	288.0	5m

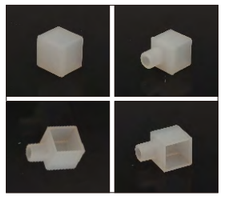
Accessory

Mounting accessories

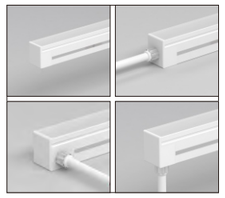


Mounting clip(length: 2cm)
Mounting channel(length: 1m, 2m,3m)

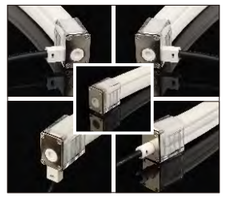
End cap



Standard end cap



Seamless end cap



Solderless end cap

Wire cable

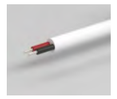
2PIN cable

3PIN cable

4PIN cable

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

2PIN cable



3PIN cable

4PIN cable

Connector

2PIN connector
(Single color)

3PIN connector
(Tunable White)

4PIN connector
(RGB color)

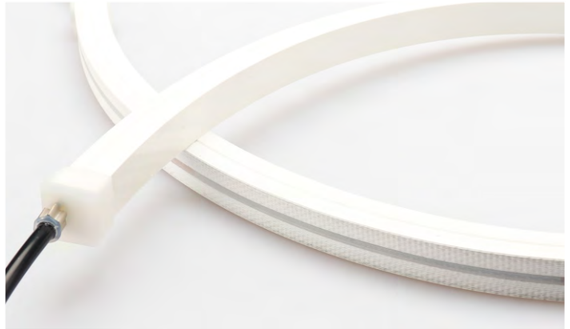
TOP / Vertical Bend T1615 NEON

- 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

2100K 2400K 2700K 3000K 3550K 4050K 5050K 6150K

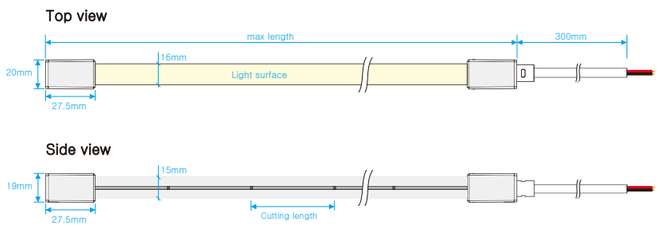
2500K 5800K

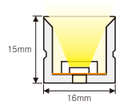
R P G B Y RGB RGBW

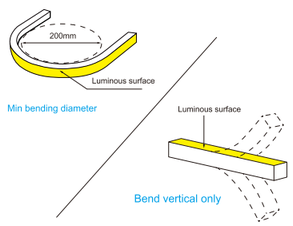


One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | Warranty 3 Years

DIMENSIONS & WATERPROOF





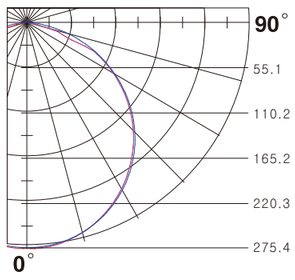


PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

WHITE 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-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) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (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

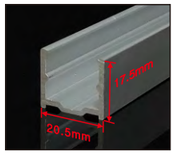
RGB & RGBW COLOR PARAMETERS

Part Number	Color (nm)	Low power(5w/m) (lm/m)	(max length)	Medium power(10w/m) (lm/m)	(max length)	High power(15w/m) (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

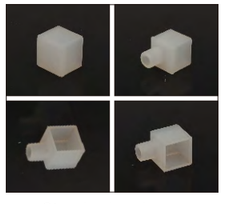
Accessory

Mounting accessories

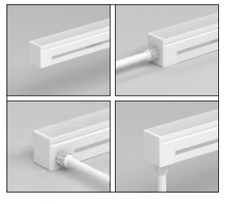


Mounting clip(length: 2cm)
Mounting channel(length: 1m, 2m,3m)

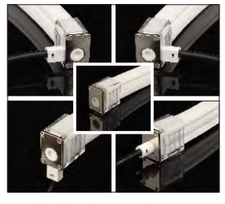
End cap



Standard end cap



Seamless end cap



Solderless end cap

Wire cable

2PIN cable

3PIN cable

4PIN cable

5PIN cable

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

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 T2016 NEON

- 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

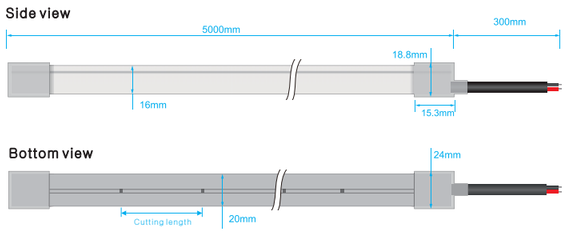
2100K 2400K 2700K 3000K 3500K 4000K 5000K 6000K

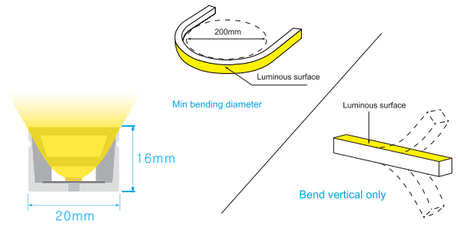
3000K ~ 6000K

R P G B Y RGB RGBW

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

DIMENSIONS & WATERPROOF



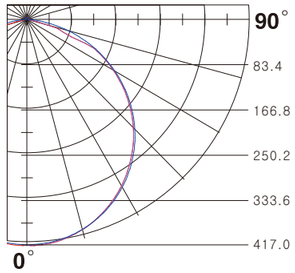


PRODUCT SPECIFICATION

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)



C0/C180: — C90/C270: — C0: —

WHITE COLOR PARAMETERS

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

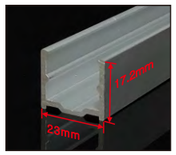
Part Number	CCT (K)	Low power(12w/m) (lm/m)	(max length)	Medium power(16w/m) (lm/m)	(max length)	High power(20w/m) (lm/m)	(max length)
NS-T2016-TW	2500-2900K	384	5m	498	5m	617	5m
NS-T2016-TW	5000-5800K	395	5m	524	5m	642	5m
NS-T2016-TW	3500-4200K	785	5m	1013	5m	1258	5m

RGB & RGBW COLOR PARAMETERS

Part Number	Color (nm)	Low power(12w/m) (lm/m)	(max length)	Medium power(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

Endcap without hole Outlet from the end

Standard end cap

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)

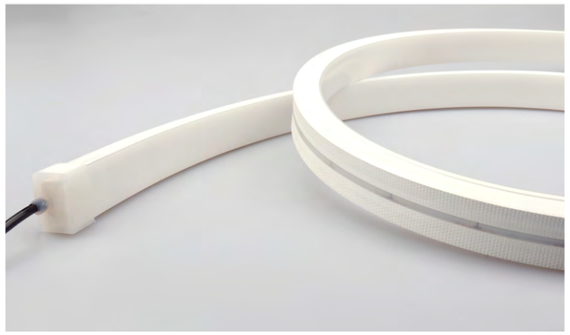
TOP / Vertical Bend T3020 NEON

- 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

2100K 2400K 2700K 3000K 3500K 4000K 5000K 6000K

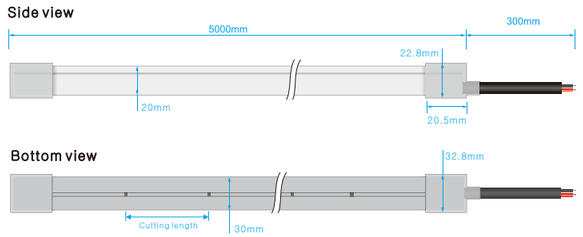
3000K ~ 6000K

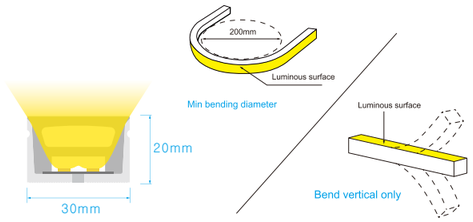
R P G B Y RGB RGBW



One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

DIMENSIONS & WATERPROOF



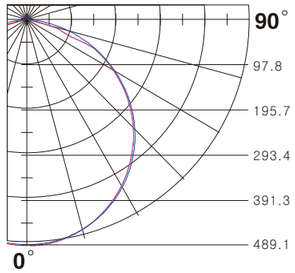


PRODUCT SPECIFICATION

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)



WHITE COLOR PARAMETERS

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

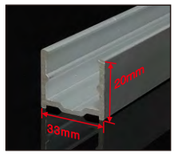
Part Number	CCT (K)	Low power(16w/m) (lm/m)	(max length)	Medium power(20w/m) (lm/m)	(max length)	High power(24w/m) (lm/m)	(max length)
NS-T3020-TW	2700-3000K	500.5	5m	609.7	5m	722.2	5m
NS-T3020-TW	5600-6300K	528.5	5m	651.1	5m	769.5	5m
NS-T3020-TW	3800-4300K	1008	5m	1232.8	5m	1457	5m

RGB & RGBW COLOR PARAMETERS

Part Number	Color (nm)	Low power(16w/m) (lm/m)	(max length)	Medium power(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

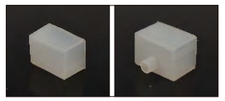
Accessory

Mounting accessories



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

Endcap



Endcap without hole | Outlet from the end

Standard end cap

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° TOP / Vertical Bend D16 NEON

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

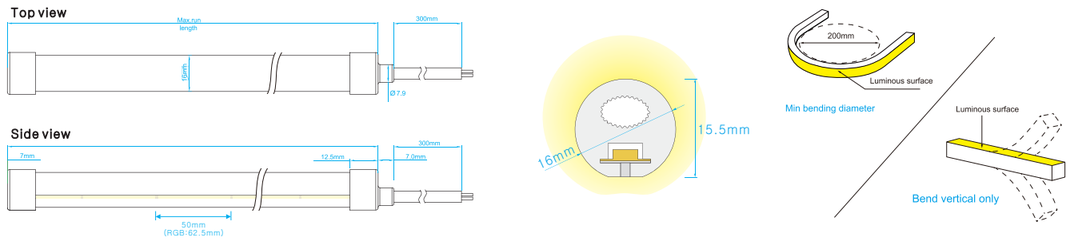
2100K 2400K 2700K 3000K 3500K 4000K 5000K 6000K

2700K ~ 5400K

R P G B Y RGB

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

DIMENSIONS & WATERPROOF

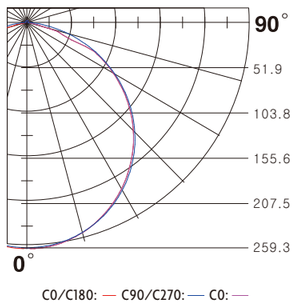


PRODUCT SPECIFICATION

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)



WHITE COLOR PARAMETERS

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

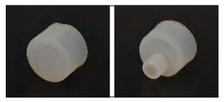
Part Number	Color (nm)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
NS-D16-R	Red(620-625nm)	139	25m	305	17m
NS-D16-G	Green(515-525nm)	408	19m	778	13m
NS-D16-B	Blue(460-465nm)	85	19m	155	13m
NS-D16-Y	Yellow(585-595nm)	112	25m	235	17m
NS-D16-P	Pink	156	19m	328	13m
NS-D16-RGB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

Accessory

Mounting accessories

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

Endcap



Endcap without hole Outlet from the end

Standard end cap

Wire cable

2PIN cable

3PIN cable

4PIN cable

Connector

2PIN connector
(Single color)

3PIN connector
(Tunable White)

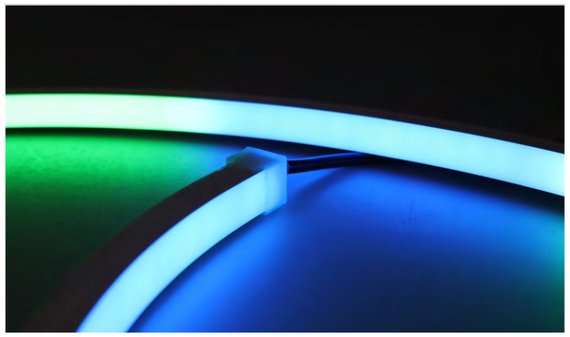
4PIN connector
(RGB color)

DMX512 NEON T1615 TOP BEND

Description

DMX RGB LED NEON lights let you create millions of colors by just mixing red, green, and blue colors. With the ability to control each individual pixel and each individual channel, the color mix and color effects possibilities are endless.

- Compatible with DMX512(1990) protocol.
- Adopting RS485 signal trunk and signal differential transmission mode to ensure stronger ability of anti-interference and longer transmission distance
- Auto matically addressing with editor



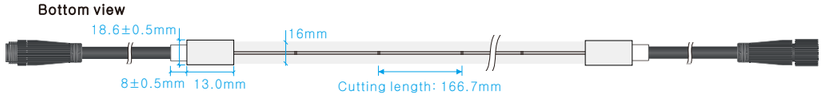
RGB

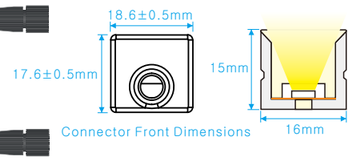
Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | One Bin | Warranty 3 Years

DIMENSIONS & WATERPROOF

Side view

Bottom view

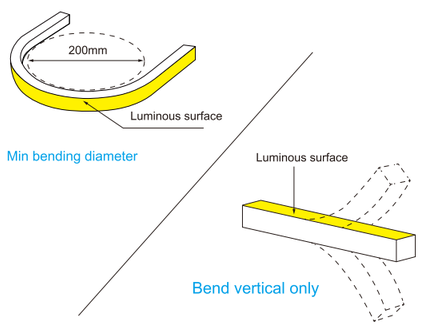




Connector Front Dimensions

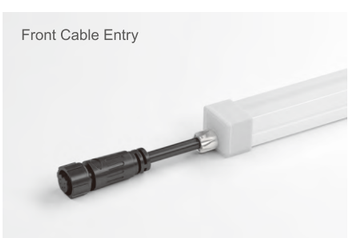
PRODUCT SPECIFICATION

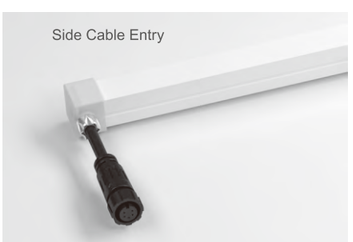
Voltage	DC24 V
Power(w/m)	9(max)
Lumen(lm/m)	R: 53 G: 146 B: 28 RGB: 218
Control Mode	DMX512
Gray Scale	65536
Pixel(pix/m)	6
Cutting length(mm)	166.7
IP Grade	IP67
Ambient temperature	-25°C~45°C

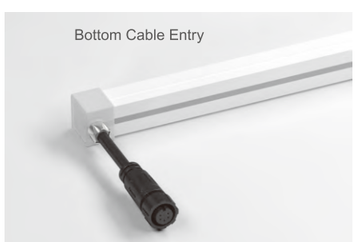


Cable outlet

Use three kinds of entry cable,to meet the different installing request



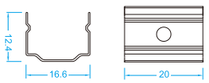




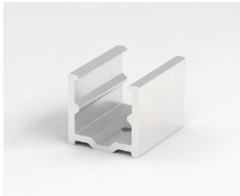
Accessory

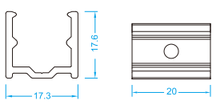
Mounting accessories

Stainless Steel Mounting clips

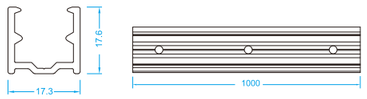


Aluminium Mounting clips





Aluminium Profile



Suspension Installation

Connector

1 Bag= 1x 30cm cable with 5 PIN Male connector + 1x 30cm cable with 5 PIN Female connector

T-type connector 20cm cable

Signal switching cable 20cm cable

5 cores silicone cable

Controller

DMX512 controller

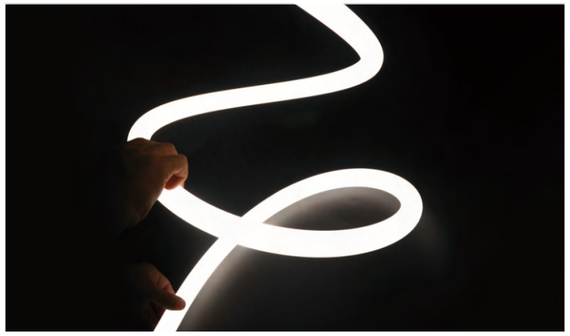
DMX512 address editor

360° Silicone NEON Φ25 NEON

- 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

2400K 2700K 3000K 3500K 4000K 5000K 6000K | 2400K 6000K | RGB

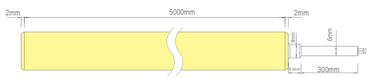
R | P | G | B | Y



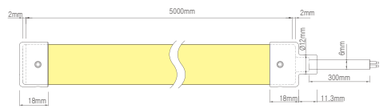
One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Uncuttable | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

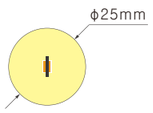
DIMENSIONS & WATERPROOF

Regular product size



Hanging product size

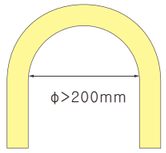




Product diameter

Cable outlet way:Top straight out

Cable outlet way:Top straight out



Min bending diameter

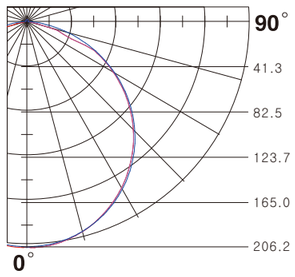
PRODUCT SPECIFICATION

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

Color Type	Unit length (m)
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)



C0/C180: — C90/C270: — C0: —

WHITE COLOR PARAMETERS

Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
NS-Φ25-W24	2300-2500K	272	5m	525	5m
NS-Φ25-W27	2600-2800K	276	5m	517	5m
NS-Φ25-W30	2900-3100K	284	5m	529	5m
NS-Φ25-W35	3300-3700K	306	5m	600	5m
NS-Φ25-W40	3700-4300K	298	5m	556	5m
NS-Φ25-W50	4700-5300K	309	5m	604	5m
NS-Φ25-W60	5700-6300K	302	5m	586	5m

TUNABLE COLOR PARAMETERS

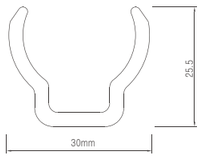
Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
NS-D25-TW	2700 (ww)	124	5m	258	5m
NS-D25-TW	5000 (w)	127	5m	262	5m
NS-D25-TW	3500(WW+W)	250	5m	517	5m

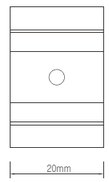
PRODUCT PHOTOMETRICS (The data base on IP20 RGB)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Wavelength (nm)	CCT (K)	CRI
Red	3.029	63.29	20.90	620.6~628.7	1001	32.7
Green	3.840	245.40	63.92	523.9~531.2	7497	0.0
Blue	3.523	41.10	11.67	465.0~469.3	100000	3.4
RGB	10.40	347.40	33.42	464.0~487.8	12334	74.2

Product accessories information

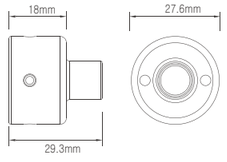
PC transparent clip L20*W30*H25.5mm



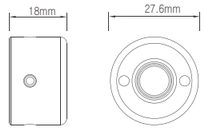


Hanging accessories

Hanging plug



Hanging endcap

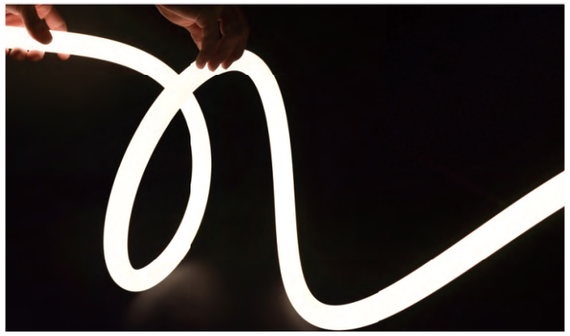


360° Silicone NEON Φ30 NEON

- 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

2400K 2700K 3000K 3500K 4000K 5000K 6000K | 2400K 6000K | RGB

R | P | G | B | Y

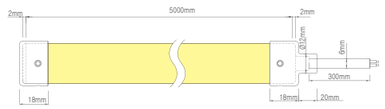


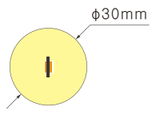
One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Uncuttable | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

DIMENSIONS & WATERPROOF

Regular product size

Hanging product size

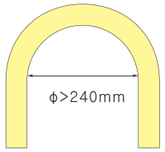




Product diameter

Cable outlet way:Top straight out

Cable outlet way:Top straight out



Min bending diameter

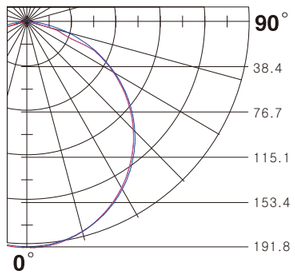
PRODUCT SPECIFICATION

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

Color Type	Unit length (m)
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)



C0/C180: — C90/C270: — C0: —

WHITE COLOR PARAMETERS

Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
NS-Φ30-W24	2300-2500K	263	5m	491	5m
NS-Φ30-W27	2600-2800K	270	5m	486	5m
NS-Φ30-W30	2900-3100K	276	5m	460	5m
NS-Φ30-W35	3300-3700K	303	5m	567	5m
NS-Φ30-W40	3700-4300K	291	5m	528	5m
NS-Φ30-W50	4700-5300K	302	5m	564	5m
NS-Φ30-W60	5700-6300K	293	5m	545	5m

TUNABLE COLOR PARAMETERS

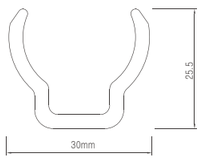
Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max length)	High power(10w/m) (lm/m)	(max length)
NS-Φ30-TW	2700 (ww)	136	5m	248	5m
NS-Φ30-TW	5000 (w)	138	5m	252	5m
NS-Φ30-TW	3500(WW+W)	259	5m	502	5m

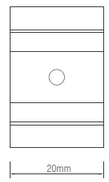
PRODUCT PHOTOMETRICS (The data base on IP20 RGB)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (lm/w)	Wavelength (nm)	CCT (K)	CRI
Red	3.045	59.20	19.44	621.2~629.4	1001	36.3
Green	3.868	232.5	60.11	523.6~531.4	7476	0.0
Blue	3.449	35.08	10.17	465.4~469.5	100000	0.8
RGB	10.36	315.5	30.44	465.7~489.0	11515	74.8

Product accessories information

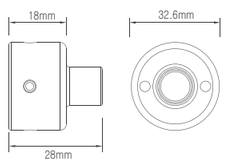
PC transparent clip L20*W35*H29mm



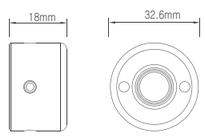


Hanging accessories

Hanging plug



Hanging endcap



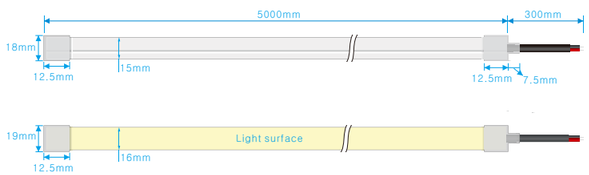
3D NEON 1615 LED NEON

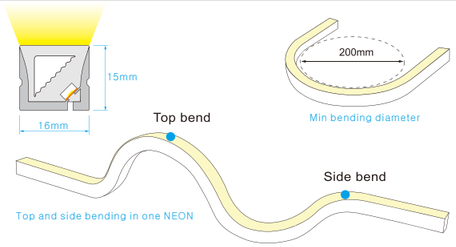
- Regular power 5W/m and10W/m for option
- Max length 5 meters with one end power
- Eight CCT optional from 2100K to 6150K
- Top bending and side bending in one NEON

2100K 2400K 2700K 3000K 3550K 4050K 5050K 6150K | R | P | G | B | Y

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | Warranty 3 Years

DIMENSIONS & WATERPROOF



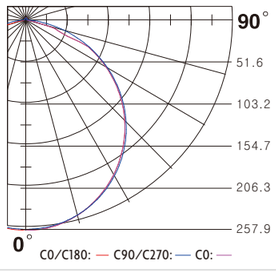


PRODUCT SPECIFICATION

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

Color Type	Cutting length(mm)
Single color	50mm

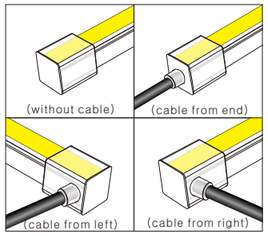
POLAR CURVE(The data base on 15W 4000K)



WHITE COLOR PARAMETERS

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

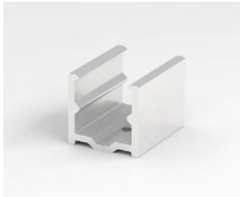


Accessory

Mounting accessories

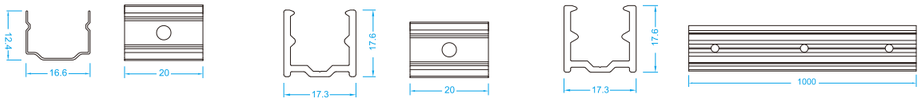
Stainless Steel Mounting clips

Aluminium Mounting clips



Aluminium Profile

Suspension Installation

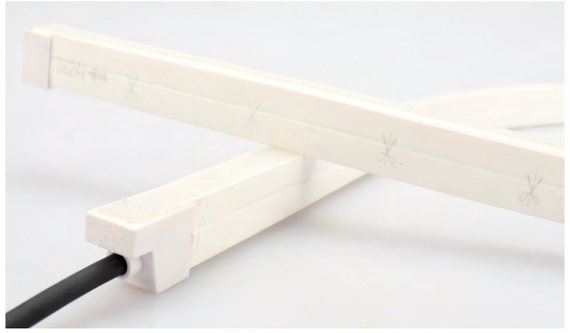


Wire cable

2PIN cable

PU NEON 1220 LED NEON USED UNDER WATER

- IP68 polyurethane protected against water,salt water and UV radiation
- Regular power 5W/m,10W/m and 15W/m for option
- Max serial connection length 21 meters with one end power
- Seven CCT optional from 2700K to 6500K, CRI>80

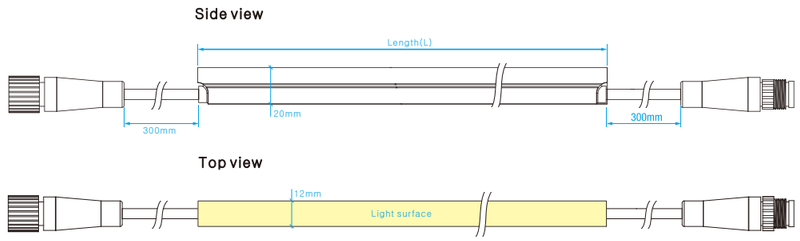


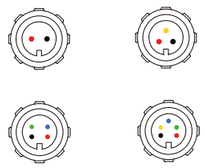
2700K 3000K 3200K 3500K 4000K 5000K 6500K | 2700K 6500K

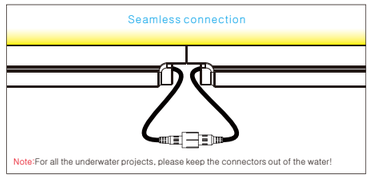
R | P | G | B | A | RGB | RGBW

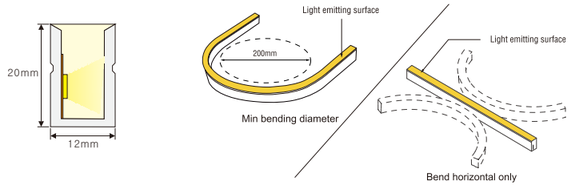
One Bin | CRI >80 | Solvent resistant | Saltwater resistant | UV protected | Under water | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

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

WHITE COLOR PARAMETERS

Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max serial run)	Medium power(10w/m) (lm/m)	(max serial run)	High power(15w/m) (lm/m)	(max serial run)
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) (lm/m)	(max serial run)	Medium power(10w/m) (lm/m)	(max serial run)	High power(15w/m) (lm/m)	(max serial run)
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) (lm/m)	(max serial run)	Medium power(10w/m) (lm/m)	(max serial run)	High power(15w/m) (lm/m)	(max serial run)
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

Stainless mounting clip
15x13.8x12.8mm
(L x W x H)

Aluminum channel
1000x14.4x21.4mm
(L x W x H)

Bending stainless mounting clip
500x26.4x18mm
(L x W x H)

Wire cable

2PIN cable

3PIN cable

4PIN cable

5PIN cable

Connector

2PIN connector
(Single color)

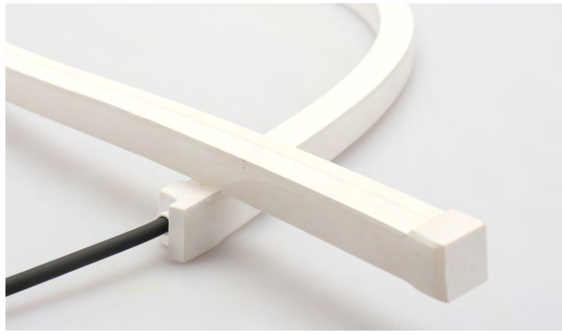
3PIN connector
(Tunable White)

4PIN connector
(RGB color)

5PIN connector
(RGB+White color)

PU NEON 1615 LED NEON USED UNDER WATER

- IP68 polyurethane protected against water,salt water and UV radiation
- Regular power 5W/m,10W/m and 15W/m for option
- Max serial connection length 24 meters with one end power
- Seven CCT optional from 2700K to 6500K, CRI>80



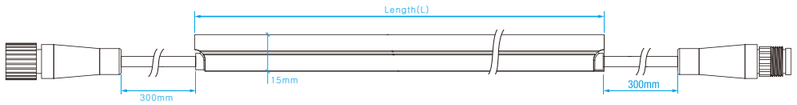
2700K 3000K 3200K 3700K 4000K 5000K 6500K | 2700K 6500K

R P G B A RGB RGBW

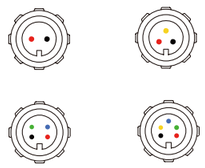
One Bin | CRI >80 | Solvent resistant | Saltwater resistant | UV protected | Under water | 50000 hours Lifetime | LM80 Compliant | 3 Years Warranty

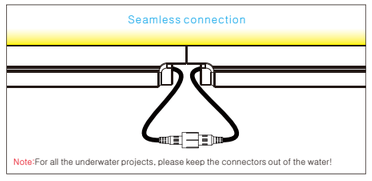
DIMENSIONS & WATERPROOF

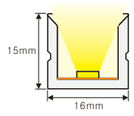
Side view

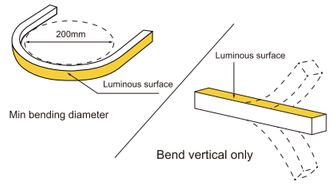


Top view









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

WHITE COLOR PARAMETERS

Part Number	CCT (K)	Low power(5w/m) (lm/m)	(max serial run)	Medium power(10w/m) (lm/m)	(max serial run)	High power(15w/m) (lm/m)	(max serial run)
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-W35	3500K±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) (lm/m)	(max serial run)	Medium power(10w/m) (lm/m)	(max serial run)	High power(15w/m) (lm/m)	(max serial run)
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) (lm/m)	(max serial run)	Medium power(10w/m) (lm/m)	(max serial run)	High power(15w/m) (lm/m)	(max serial run)
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

Stainless mounting clip
15x18x10.1mm
(L x W x H)

Aluminum channel
1000x19.2x17.8mm
(L x W x H)

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)

Flex LED wall washer

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.

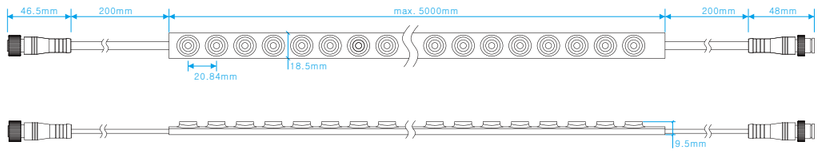
WALL WASHER 48LEDs

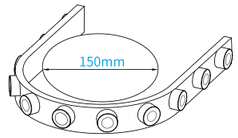
- U-shapes TPU + PU coating materials, it resistant to yellowing, high temperature, corrosion, weak acid and alkali.
- Replaced traditional hard wall washer light, smaller sizes, lighter weights, flexible and easy to install.
- Self-encapsulated design offers optional 2700-6000K.
- Various beam angles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

2700K 3000K 4000K 6500K | CRI >90

One Bin | Dimmable | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | 5 Years Warranty

DIMENSIONS & WATERPROOF



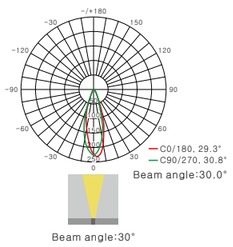


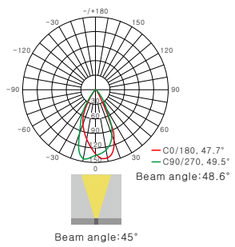
PRODUCT SPECIFICATION

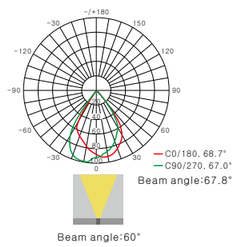
Dimension	5000mmx18.5mmx9.5mm
Chip density	48LED,20.8mm LED pitch
Step LEDs	6LED
Step length	125mm

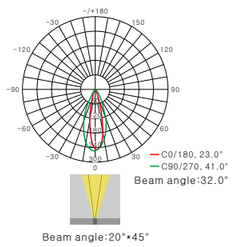
Power(W)	18Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.75A
Ambient temperature	-20°C~+50°C

Light Distribution CURVE [Unit: cd]









PRODUCT PHOTOMETRICS (The data base on 24V)

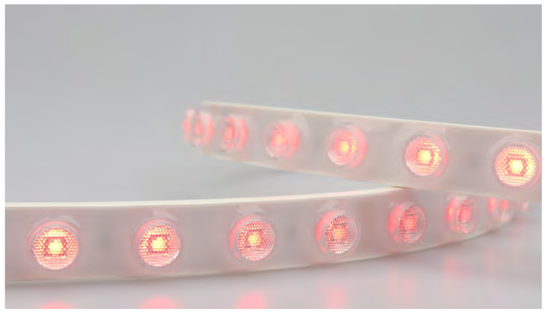
CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	Rf (Fidelity)	Rg (Gamut)	EEI Class
2700±100	1851	100.83	92.33	62.26	90.55	99.88	A+
3000±100	1915	106.38	93.25	64.51	92.36	100.39	A+
4000±200	2167	120.38	92.93	65.28	94.55	101.19	A+
6500±300	1949	108.27	94.62	66.88	93.98	101.28	A+

Order code: LY48-FW2835W30-24-IP67-30° → deg.:30°/45°/60°/20*45°

W30 → CCT:W27/W30/W40/W65

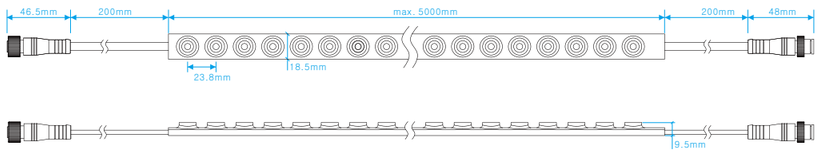
RGB & RGBW WALL WASHER 42LEDs

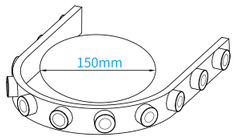
- U-shapes TPU + PU coating materials, it resistant to yellowing, high temperature, corrosion, weak acid and alkali.
- Replaced traditional hard wall washer light, smaller sizes, lighter weights, flexible and easy to install.
- Various beam angles (15°, 30°,45°, 20*60° are available for different applications.



3000K 4000K 5000K | RGB | RGBW | CRI >70 | One Bin | Dimmable | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | Warranty 5 Years

DIMENSIONS & WATERPROOF





PRODUCT SPECIFICATION

Dimension	5000mmx18.5mmx9.5mm
Chip density	42LED,23.8mm LED pitch
Step LEDs	6LED
Step length	166.6mm

Power(W)	8.5Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.35A
Ambient temperature	-20°C~+50°C

PRODUCT PHOTOMETRICS (The data base on IP20 RGB)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (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

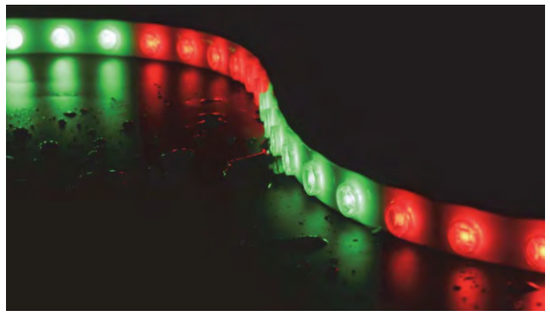
PRODUCT PHOTOMETRICS (The data base on IP20 RGBW)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (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	-		
RGBW	8	540.0	67.5	-		

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

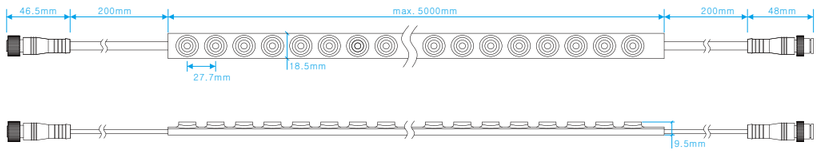
DMX512 WALL WASHER 36LEDs

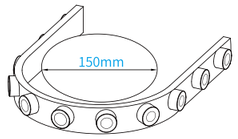
- Adopting TPU material, it's resistant to yellowing, high temperature, corrosion, weak acid and alkali,and has great flexibility.
- PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability.
- It can replace the traditional hard wall washer light or 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



RGB | One Bin | Dimmable | Cuttable | 5m/Reel | 50000 hours Lifetime | LM80 Compliant | Warranty 5 Years

DIMENSIONS





PRODUCT SPECIFICATION

Dimension	5000mmx18.5mmx9.5mm
Beam angle	15° / 30° / 45° / 15*60°
Pixel(pix/m)	6
Gray Scale	256
Control Mode	DMX512

Power(W)	8.5Watt/meter
Voltage(V)	DC24V
Current(A/m)	0.35A
Cutting Length	166.6
Ambient temperature	-20°C~+50°C

PRODUCT PHOTOMETRICS (The data base on IP20 RGB)

Color	Power (w/m)	Lumen (lm/m)	Efficacy (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°

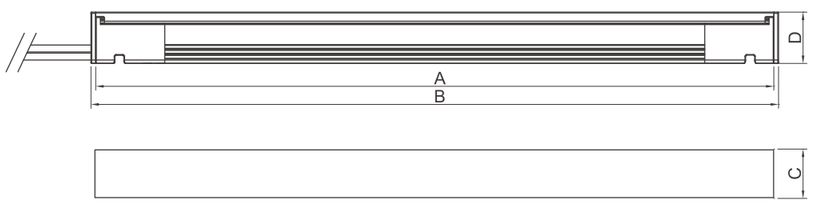
Wall Washer

Linkable and Modular LED Linear light

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.

1. Modularized ultra-thin and narrow linear light
2. Fast connection without dark area ,no soldering.
3. Super long 6M connection, no brightness attenuation
4. Can provide a variety of lengths, corners and accessories;
5. 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℃ 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]

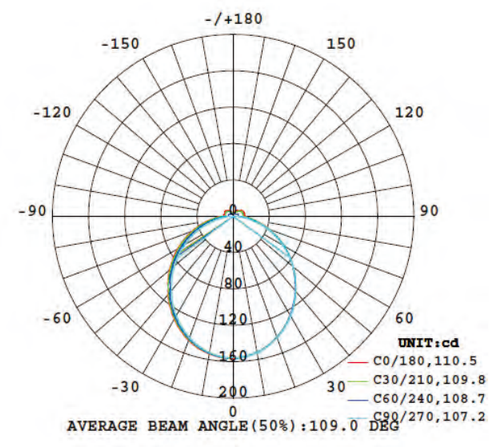
Item No.	Power	CCT	Lumen (@2700k)	Lumen (@4000k)	Lumen (@6000k)	Remark
LM1213B-500-TW	6.5w/pcs	2700K + 6000K	385lm/pcs	405lm/pcs	445lm/pcs	Voltage DC24V Color rendering index Ra>90 The luminous Angle is 120° Working environment -25~45℃ Life span 40,000 hours 70% Waterproof grade IP20 Class III protection
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	

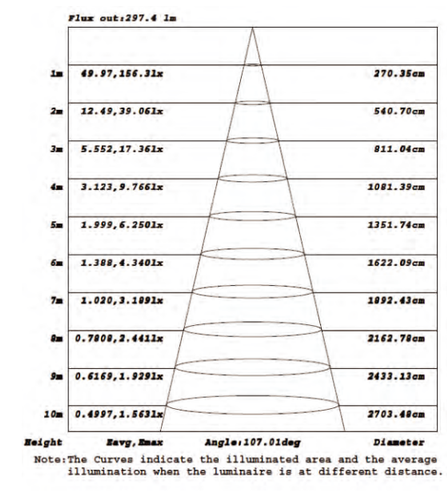
Parameters [UV Modular]

Item No.	LM-1213B-200UVC
Voltage	DC24V
Power	3W
LED Source	UVA+UVC
UV Wavelength	275nm+405nm

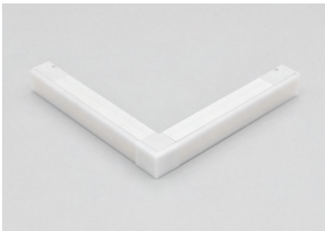
Bacteria killing rate irradiate 15min at a distance of 20cm	99%
Life span	10000H
Working environment	-25~45°C
Waterproof grad	IP20
Protection grade	III

Distribution Curve (Data base on LM1213B-500 4000K CRI90)

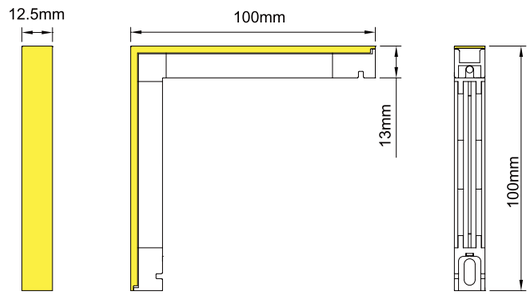




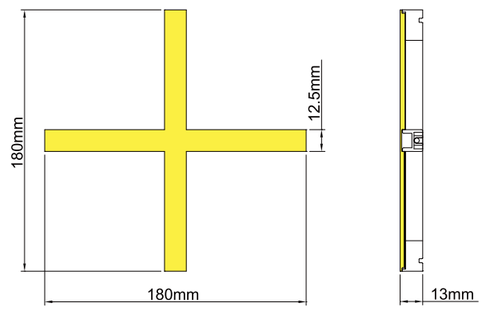
Modular Dimension



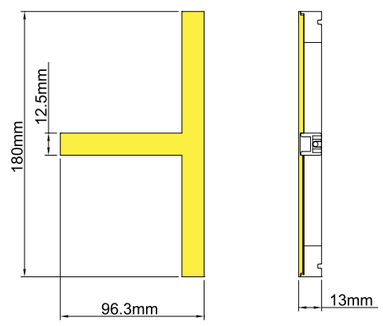
LM1213B-W100/LM1213B-W100-TW



LM1213B-X180/LM1213B-X180-TW

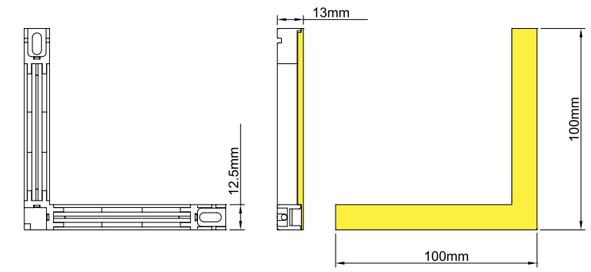


LM1213B-T180/LM1213B-T180-TW

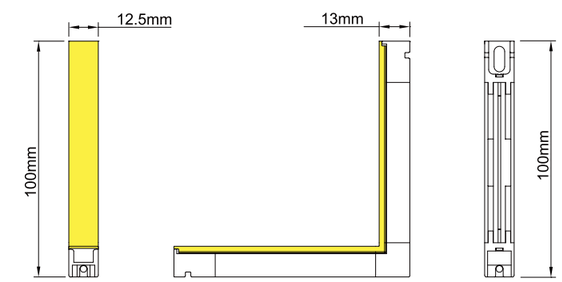


Modular Dimension

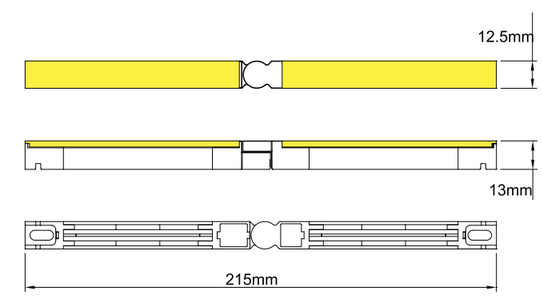
LM1213B-L100/LM1213B-L100-TW

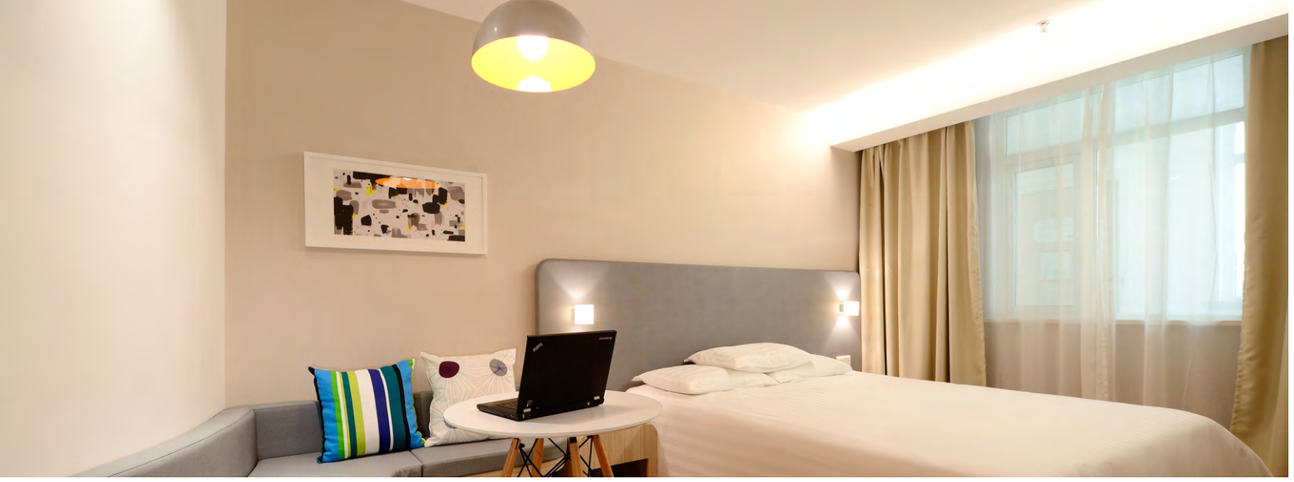


LM1213B-N100/LM1213B-N100-TW



LM1213B-R215/LM1213B-R215-TW





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

Type: **Touch Pad Remote**
Model:LY-T13(T13-K)
Voltage: AC100~240V
Power:<1W
Size:86x86x33(49)mm

Type: **Hand-held Remote**
Model:LY-RT4(RT9)
Battery: AAA*2pcs
Current:5mA
Size:122x53x17.5mm

RGBW controller

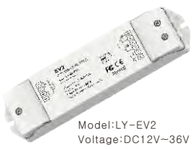
Type: **Controller**
Model:LY-V4-L
Voltage:DC12V/DC24V
Current:3*5A
Power:12V<180W, 24V<360W
Size:175x50x23mm

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

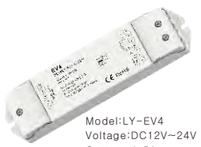
Amplifier

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

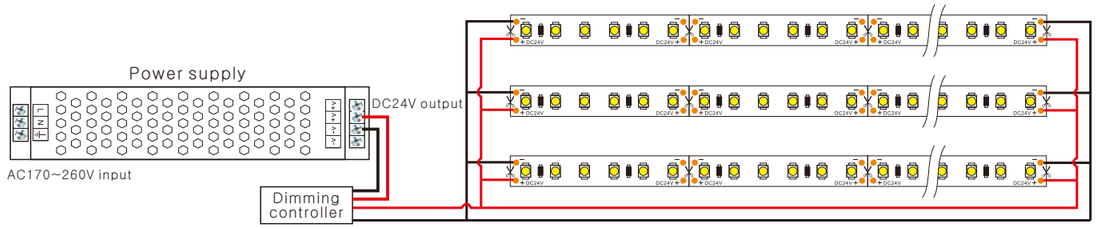
Model:LY-EV3
Voltage:DC12V~36V
Current:3*6A
Power:12V<216, 24V<432W,36V<648W
Size:175x45x27mm



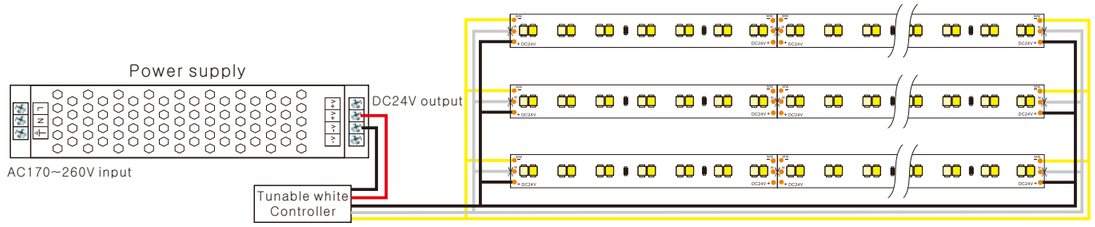
Model:LY-EV4
Voltage:DC12V~24V
Current:4*5A
Power:12V<240W, 24V<480W, 36V<720W
Size:175x45x27mm

Connection diagram

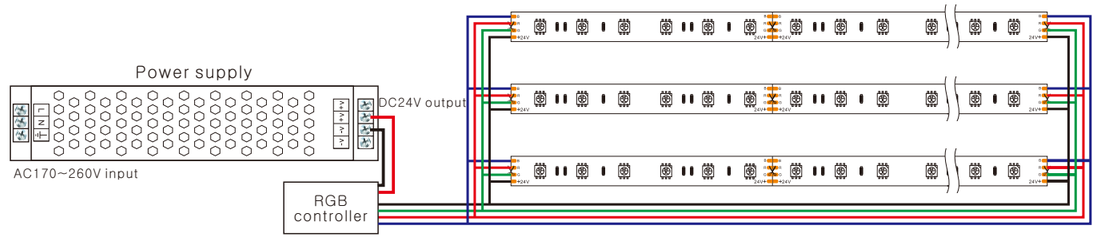
Single color strip (1 channel controller,SMD3528,180LEDs,24V,item NO.:LY180-S3528W-W24)



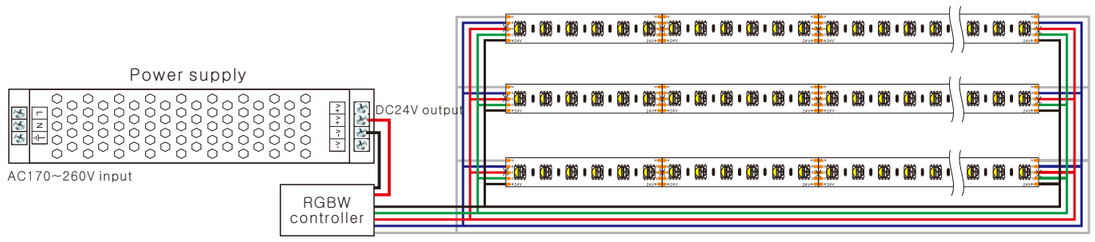
Tunable white strip (2 channels controller,SMD2835,112LEDs,24V,item NO.:LY112-S2835TW-W24)



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 & Magic controller

DMX controller

DMX controller
Model: LY-DMX100
Voltage: DC9V
Output: DMX512
Interface: XLR-3, RJ45, Terminal block
Dimension: 161x100x30mm
Weight(G.W.): 460g

DMX decorder

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

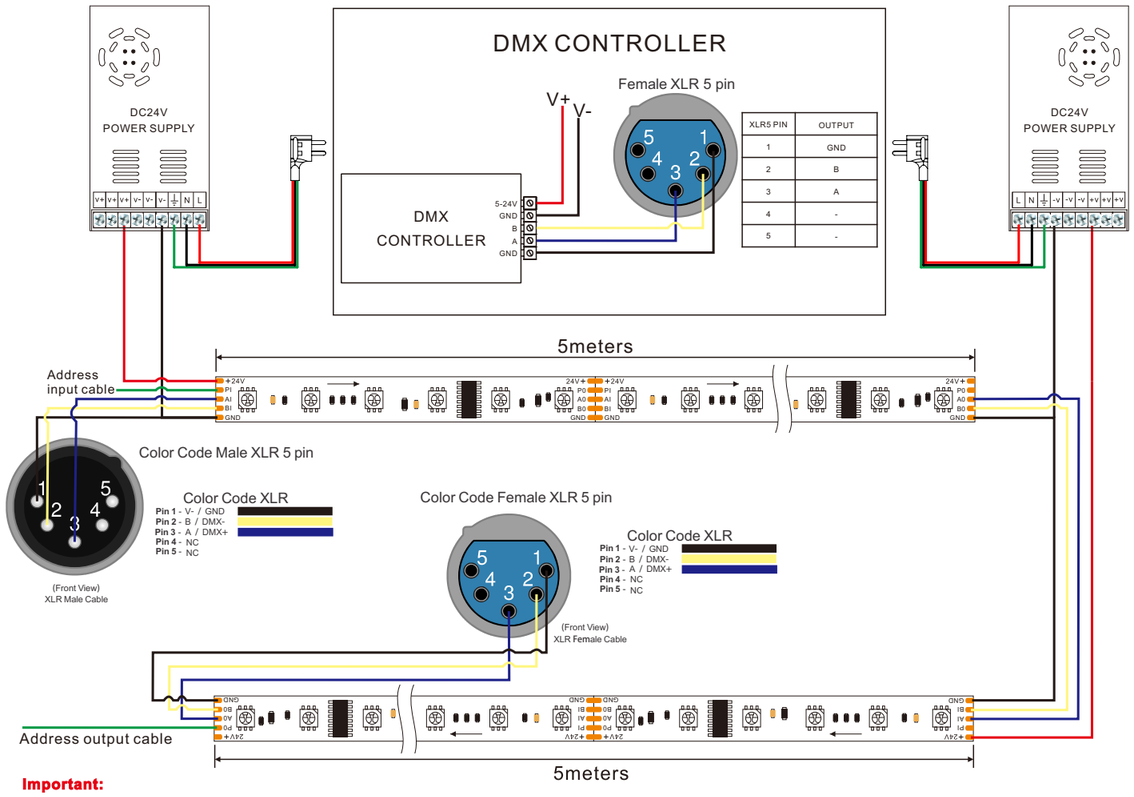
RGB DMX decoder
Model: LY-D3-XE
Voltage: DC12V~DC36V
Input: DMX512/1990, 30.5A
Output: 10A*3CH
Interface: XLR-3, RJ45 port
Dimension: 165x70x37mm
Weight(G.W.): 330g

Magic strip controller

Magic strip controller
Model: LY-SCR9
Voltage: DC5V~DC24V
Output: Max 8A
Pixels: Max 1024pixels
Output power: 40W(5V)/96W(12V)/192W(24V)
Dimension: 97x33x18mm
Weight(G.W.): 110g

Connection diagram

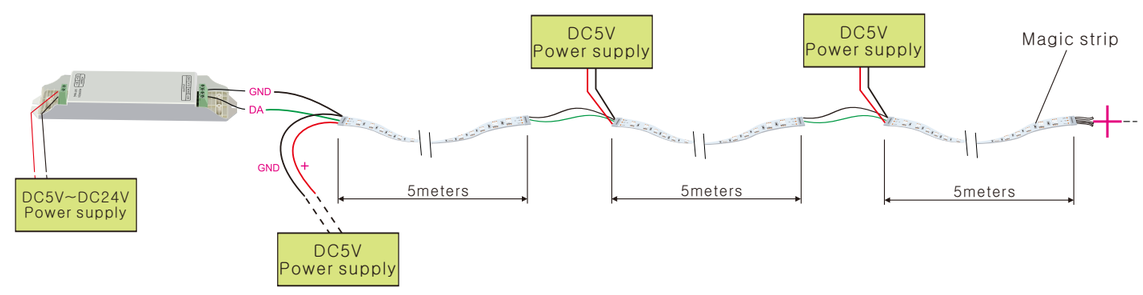
DMX strip (DMX controller, DMX512, SMD5050, 60LEDs, 24V item NO.: LY60-DMXS5050RGB-W24)



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.

Magic 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

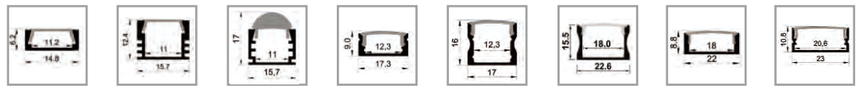
ELG series
·100~305VAC input range
·75W~300W reliable output
·Metal case, IP67/IP65 design for indoor or outdoor installations,
·output adjustable via potentiometer; 3 in 1 dimming (0~10Vdc or
10V PWM signal or resistance, dim-to-off); smart timer dimming; DALI.
·5years warranty

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

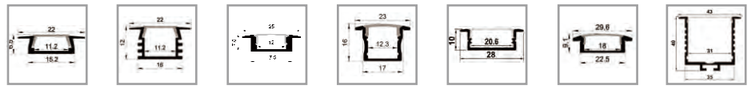
Aluminum profile

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

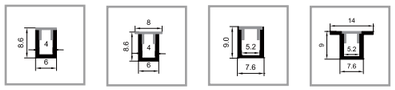
L1707W L2507W L1715W L2515W L1919W L1201W

Shelf Magnetic series

LM0810 LM1408 LM1712 LM2512 LM1718 LM2518

Special series

Mini Sereis



LN0609 LN0609B LN0809 LN0814

Wall series

LW1844 LW1848 LW2112 LW2215 LW5313

Bending Series

LB1018R LB1018S LB1807

Floor Series

LF1908 LF2626 LF6628

Clothespress Series

LH1929