MYLIKELED

2025

LINEAR LIGHTING
SOLUTIONS
YOUR RELIABLE PARTNER

SINCE
1996

LED LINEAR LIGHTING SOLUTION PROVIDER

COMPANY PROFILE

Founded in **1996**, MYLIKELED Lighting specializes in high-quality LED linear lighting. We focus on the R&D, production, and sales of LED strips, LED neon, and related products.

Over approximately **30** years, we've established a stable R&D system, stringent quality control procedures, a comprehensive chain,excellent customer service, and optimal product solutions. This has enabled us to maintain stable relationships with clients in more than **90** countries and regions worldwide, including dominance in the European market.

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

R&D AND MANUFACTURE

Manufacturing Capacity

MyLiKeLed operates a six-floor production base in Guangzhou, covering an area of over 10,000 square meters and employing more than 150 staff. The facility houses more than 15 high-speed SMT machines, 5 die-bonding COB machines, 7 automatic extrusion lines, and 6 luminaire production lines. This enables a comprehensive production process for LED strips, including high-speed SMT, automatic welding, and a full range of water-resistant options. Our average daily production capacity is up to 50,000+ meters for LED strips, 1,5000+ meters for Neon Flex, and 40000+ meters for COB strips.

Besides, MyLiKeLed has modernized its factory to achieve a complete production process for linear luminaires, including precision machining, automatic assembly, color spraying, and free customization. Our average monthly production capacity reaches up to 2.5 Million Meters strips, assuring customers of high-quality, cost-effective products with quick delivery.

$10000m^2+$
Plant area

150+
Staff

50000m+
LED Strip / Day

40000m+
COB Strip / Day

15000m+
Neon Flex / Day

LABORATORY & INSPECTION

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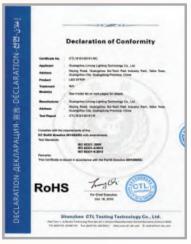
CERTIFICATE SYSTEM

MyLiKeLed is certified under the ISO 9001:2015 Quality Management System and ISO 14001 Environmental Management System, ensuring our commitment to consistent quality and environmental responsibility. All of our products have successfully passed rigorous testing by recognized third-party laboratories and have obtained a wide range of international certifications, including UL, TUV, CE, CB, REACH, ROHS, PSE, ETL, SGS, and LM-80. These certifications demonstrate our dedication to meeting the safety, performance, and environmental standards required across global markets.

CONTENTS

Color Consistency: One BIN

Color consistency is one of the main factor for choosing a high quality LED strip. We have partnership with the component factory for LED package production which can allow us to have fully control over the LED quality and the binning consistency. Customers can choose the CCT range and even select only ONE BIN per each CCT range of our LEDs.

Color Consistency: Less than 3-Step MacAdam

We provide flexible LED strip binning in 3-step MacAdam base on Energy Star@ standard to minimize the color differences of LED lights and we have testing machines to test the SDCM for maintaining a good quality and uniform linear LED lighting fixture.

High Quality of LED package

All of our LEDs are bonding in 99% purity gold wire in order to enhance reliability and electric conductivity compared to using alloy wire or copper wire.

99%
Gold Wire
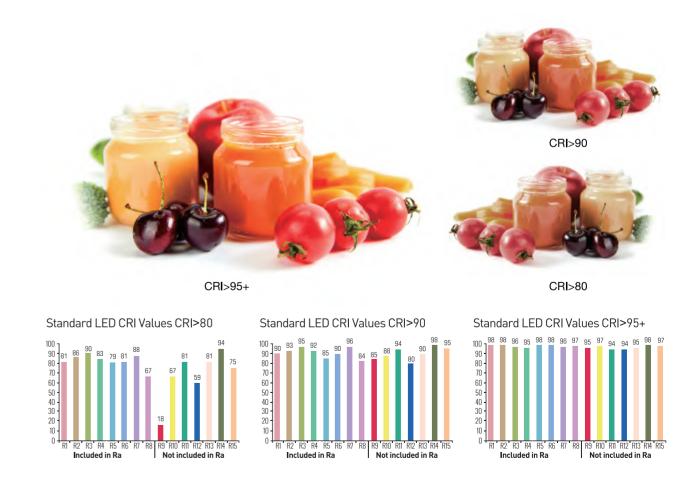
Reliable Long Life of LEDs

The lifetime of LEDs affects the durability of L ED strip light. Our LEDs are proved to have up to 83,000 hours lifetime and it has been tested by LM80 with the result below :
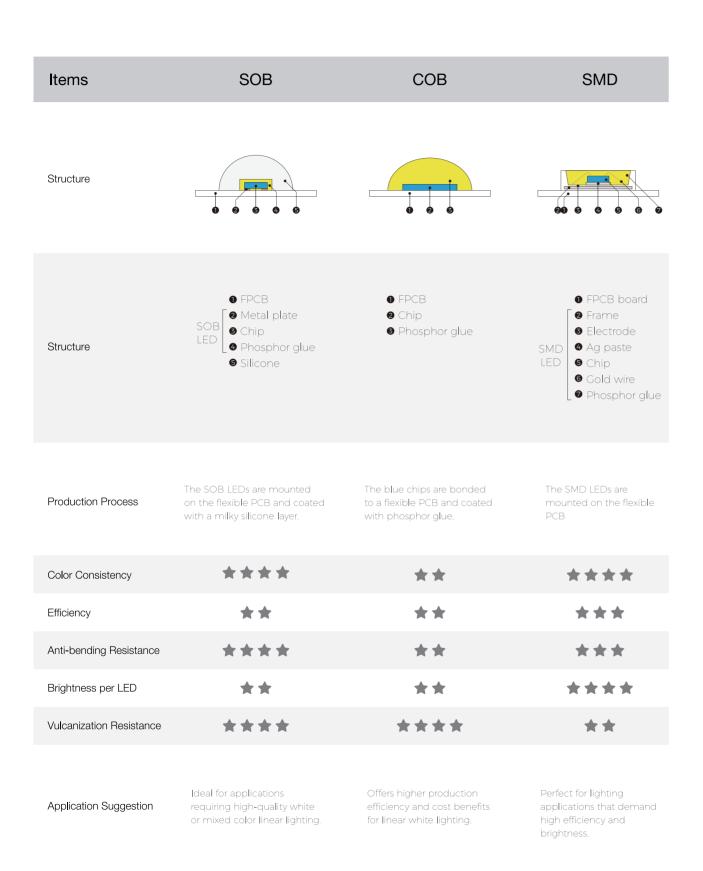
SMD2835 @60mA	SMD3528 @20mA	SMD5050 @60mA	SMD2216 @20mA	COB @60mA
99.46%	97.72%	97.40%	97.41%	98.35%
Calculated L70 70,000h	Calculated L70 79,000h	Calculated L70 77,000h	Calculated L70 83,000h	Calculated L70 85,000h

High CRI (Ra) >97 and R9>90 available

Color Rendering Index (CRI) is a rating system that measure the accuracy of how well a light source reproduce the colors of various objects. It is rated on a scale from 1-100. The higher the CRI rating, the higher acurately colors will be produced.

CRI>90

CRI>95+

CRI>80

Standard LED CRI Values CRI>80

R1 81, R2 86, R3 90, R4 83, R5 79, R6 81, R7 88, R8 67, R9 18, R10 67, R11 81, R12 59, R13 81, R14 94, R15 75

Included in Ra | Not included in Ra

Standard LED CRI Values CRI>90

R1 90, R2 93, R3 95, R4 92, R5 85, R6 90, R7 96, R8 84, R9 88, R10 94, R11 88, R12 80, R13 90, R14 98, R15 95

Included in Ra | Not included in Ra

Standard LED CRI Values CRI>95+

R1 98, R2 98, R3 96, R4 95, R5 98, R6 98, R7 96, R8 97, R9 95, R10 97, R11 94, R12 94, R13 95, R14 98, R15 97

Included in Ra | Not included in Ra

SOB VS COB VS SMD STRIP

Items	SOB	COB	SMD
Structure			
Structure	SOB LED: ❶ FPCB ❷ Metal plate ❸ Chip ❹ Phosphor glue ❺ Silicone	❶ FPCB ❷ Chip ❸ Phosphor glue	SMD LED: ❶ FPCB board ❷ Frame ❸ Electrode ❹ Ag paste ❺ Chip ❻ Gold wire ❼ Phosphor glue
Production Process	The SOB LEDs are mounted on the flexible PCB and coated with a milky silicone layer.	The blue chips are bonded to a flexible PCB and coated with phosphor glue.	The SMD LEDs are mounted on the flexible PCB
Color Consistency	★★★★	★★	★★★★
Efficiency	★★	★★	★★★
Anti-bending Resistance	★★★★	★★	★★★
Brightness per LED	★★	★★	★★★★
Vulcanization Resistance	★★★★	★★★★	★★
Application Suggestion	Ideal for applications requiring high-quality white or mixed color linear lighting.	Offers higher production efficiency and cost benefits for linear white lighting.	Perfect for lighting applications that demand high efficiency and brightness.

R2R VS S2S STRIP

The reel-to-reel process uses a complete set of equipment to produce entire rolls up to 25 meters long, with few or no solder joints. In contrast, the sheet-to-sheet process has solder joints every 0.5 meters on the flexible PCB.

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

*R2R:Reel to reel, S2S: sheet to sheet

IC VS RESISTOR STRIP

Items	Resistor	IC
Image		
Brightness Consistency	No	Yes
Power Accuracy	★★	★★★
Working Length	★★	★★★
Life Span	★★	★★★
Price Competitive	★★★	★★

CUSTOMIZATION

BIN
Available to customize one specific BIN or various BIN

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

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

REEL & BAG
Available to customize reel and anti-static bag

CRI
Available to customize the CRI range

WIRE
Available to customize the wire with one end or dual ends

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

PACKING
Available to customize the special packaging

CCT
Available to customize the color and Color temperature

LABEL
Available to customize label
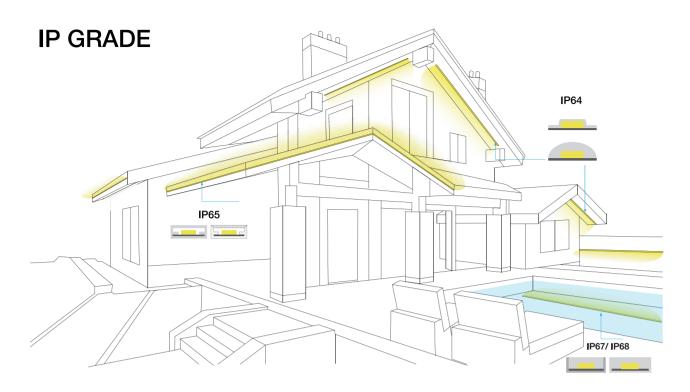
LENGTH
Available to customize the length within the technology supporting range
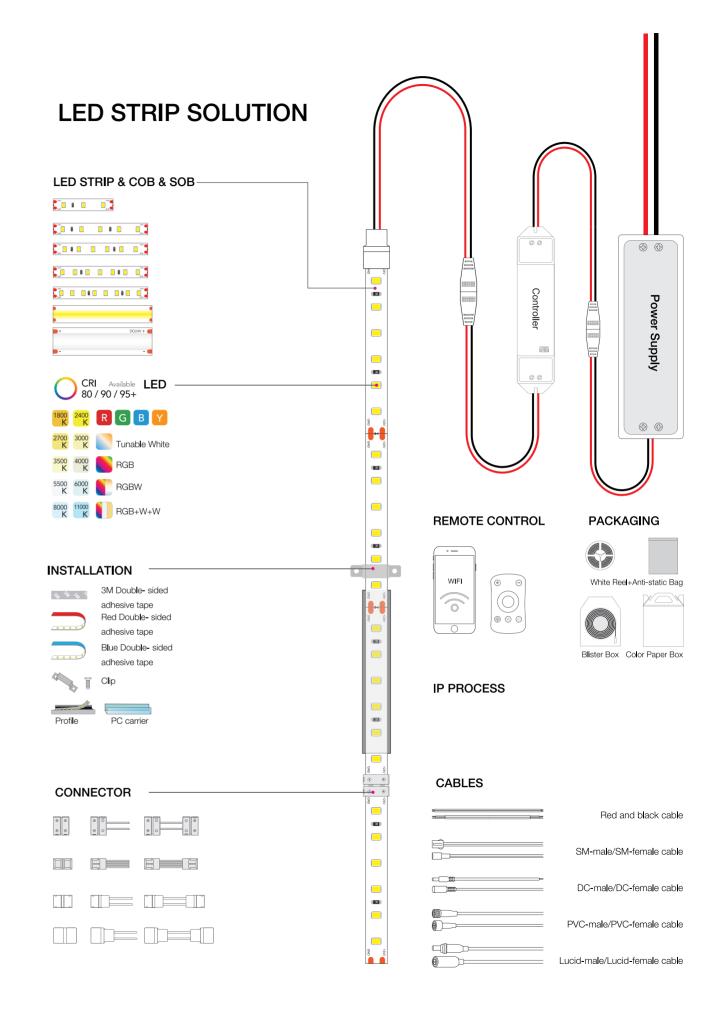
IP RATE
Available to customize the IP process
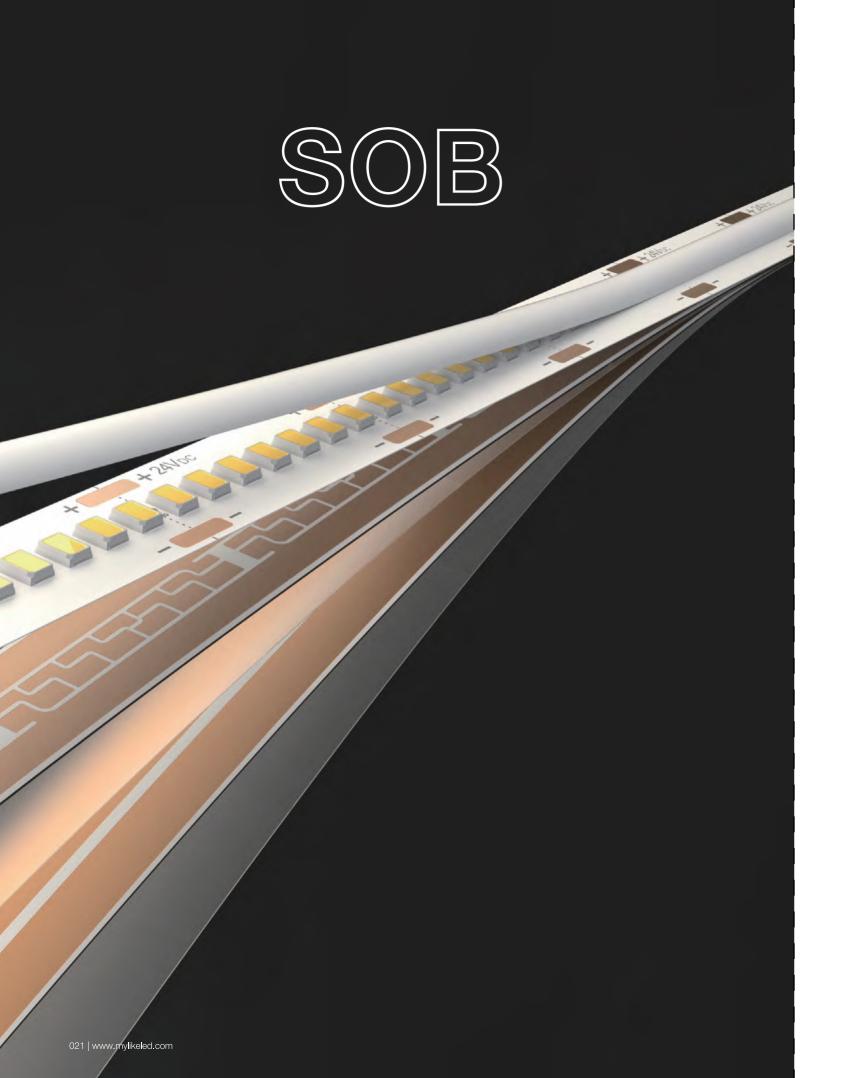
IP GRADE

IP64

IP65

IP67/ IP68

IP Rate	Structure	Description	Application
IP20	LED FPCB	**Non Waterproof** Suitable for Dry Location	Non-Waterproof Indoor Use Only
IP64	Spray thin glue LED FPCB	**Silicon Spray** Suitable for Damp Location	The thickness of the glue layer is about 0.5mm
IP64	PU/Silicone glue LED FPCB	**PU/Silicone Glue Coating** Suitable for Damp Location	PU Glue/Silicon Dripping Dropping Anti Splash Water Tiny Size Changed
IP65	Silicone glue Empty LED FPCB	**Silicon Extrusion** Suitable for wet Location	Extruding Process Immerse in Water for Long Time Tiny Color Shift
IP65	Transparent Silicone LED White Silicone FPCB	**Silicon Extrusion** with white edge Coating Suitable for wet Location	Extruding Process Immerse in Water for Long Time Tiny Color Shift
IP67	Silicone glue Silicone Tube LED FPCB	**Silicon Pouring** 360°Silicon FIling Suitable for Short -Time Underwater	Half Tube Structure Immerse in Water for ShortTime
IP68	Silicone glue LED FPCB	**Silicon Extrusion** 360°Silicon FIling Suitable for Underwater	Use Underwater Delivery Time Longer

LED STRIP SOLUTION

LED STRIP & COB & SOB

DC24V

CRI   Available   LED
80 / 90 / 95+

1800 K	2400 K	R	G	B	Y
2700 K	3000 K		Tunable White		
3500 K	4000 K		RGB		
5500 K	6000 K		RGBW		
8000 K	11000 K		RGB+W+W		

INSTALLATION

3M Double- sided adhesive tape
Red Double- sided adhesive tape
Blue Double- sided adhesive tape
Clip
Profile   PC carrier

CONNECTOR

Controller

Power Supply

REMOTE CONTROL   **PACKAGING**

WIFI

White Reel+Anti-static Bag

Blister Box   Color Paper Box

IP PROCESS

CABLES

Red and black cable

SM-male/SM-female cable

DC-male/DC-female cable

PVC-male/PVC-female cable

Lucid-male/Lucid-female cable

SOB LED LIGHT

SOB LED
STRIP LIGHT

- Flexible SOB LED strip light creates a seamless line of the light from start to finish.
- Using a new desgin, eliminate visible LED dots (hot spots), improves thermal management
  and flexibility of the strip.
- The SOB led strips biggest advantage is no glare, beautiful appearance, soft luminous surface.

SOB

SOB STRIP
320Chips/m 8mm 12V/24V

UL CE TÜV RoHS PSE

FEATURE

. Light line and free with big emitting angle
. Elegant looking and stonger structure anti bending and twisting
· Suit for furniture lighting and decorative lighting application
· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K | R | G | B | P

180° | Dimmable | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

25 | DC12V + | 8
DC12V

50 | DC24V + | 8
DC24V

Rmin=30mm

SPECIFICATION

LED Type	SMD1516 320LED/m
Voltage Input	DC12V / 24V
Max. Power	10W/M
Luminous Flux (available)	105-135Lm/W
Energy efficiency Class	F / E
PCB Width	8mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP65	Silicone Extrusion
IP68	Silicone Extrusion 360° Silicon Flling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1150	115	E
	2700K	1230	123	E
	3000K	1300	130	E
	4000K	1350	135	E
	6500K	1330	133	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1050	105	F
	2700K	1100	110	F
	3000K	1150	115	F
	4000K	1200	120	E
	6500K	1180	118	E

SOB STRIP
320Chips/m 10mm 12V/24V

UL | CE | TÜV | RoHS | PSE

FEATURE

. Light line and free with big emitting angle

. Elegant looking and stonger structure anti bending and twisting

· Suit for furniture lighting and decorative lighting application
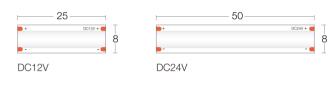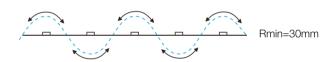
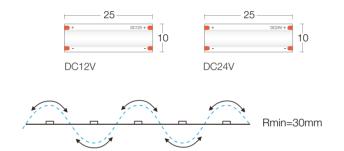· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K | R | G | B | P

180° | Dimmable | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

25 / 10 — DC12V

25 / 10 — DC24V

Rmin=30mm

SPECIFICATION

LED Type	SMD1516 320LED/m
Voltage Input	DC12V / 24V
Max. Power	14W/M
Luminous Flux (available)	105-135Lm/W
Energy efficiency Class	F / E
PCB Width	10mm
Cutting Unit	25mm(DC12V) 25mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP65	Silicone Extrusion
IP68	Silicone Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1610	115	E	>90	2400K	1470	105	F
	2700K	1722	123	E		2700K	1540	110	F
	3000K	1820	130	E		3000K	1610	115	F
	4000K	1890	135	E		4000K	1680	120	E
	6500K	1860	133	E		6500K	1650	118	E

HIGH EFFICIENCY SOB
240Chips/m 10mm 12V/24V

UL | CE | TÜV | RoHS | PSE

ErP ErP level
E or D

FEATURE

. Light line and free with big emitting angle

. High brightness, up to 150LM/W

· Elegant looking and stonger structure anti bending and twisting

· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K | R | G | B | P

180° | Dimmable | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

16.66 / 10 — DC12V

33.33 / 10 — DC24V

Rmin=30mm

SPECIFICATION

LED Type	SMD2835 240LED/m
Voltage Input	DC12V / 24V
Max. Power	14W/M
Luminous Flux (available)	115-147Lm/W
Energy efficiency Class	E / D
PCB Width	10mm
Cutting Unit	16.66mm(DC12V) 33.3mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP65	Silicone Extrusion
IP68	Silicone Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	788	125	E	>90	2400K	640	115	E
	2700K	825	134	E		2700K	668	123	E
	3000K	865	141	D		3000K	675	130	E
	4000K	878	143	D		4000K	735	135	E
	6500K	900	147	D		6500K	715	130	E

TUNABLE WHITE SOB
240Chips/m 10mm 24V

UL · CE · TUV · RoHS · PSE
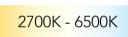
FEATURE

. Light beam angle up to 180°
. Wide color dimming range from 2700K to 6500K
· Larger luminous area of phosphor, better luminous effect
· Dot free and perfectly homogeneous linear LED light line

2700K - 6500K

180° | Dimmable | 5m Standard Length | CRI 90

DRAWINGS (Unit:mm)

16.67 | 10 — DC12V Top view
33.33 | 10 — DC24V Top view
16.67 | 10 — DC12V Back view
33.33 | 10 — DC24V Back view

SPECIFICATION

LED Type	SMD2835 240LED/m
Voltage Input	DC12V / 24V
Max. Power	10+10W/M
Luminous Flux (available)	98-115Lm/W
Energy efficiency Class	F
PCB Width	10mm
Cutting Unit	16.66mm(DC12V) 33.33mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP65	Silicone Extrusion
IP68	Silicone Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	1050	105	F
	6500K ONLY	1150	115	F
	2700K+6500K	2200	110	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	980	98	F
	6500K ONLY	1100	110	F
	2700K+6500K	2100	105	F

FREE CUTTING SOB
240Chips/m 8mm 24V

UL · CE · TUV · RoHS · PSE

FEATURE

. Light line and free with big emitting angle
. Flexible SOB LED strip free cutting, cut anywhere
· Suit for furniture lighting and decorative lighting application
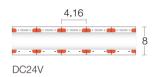· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K | R G B P

180° | Dimmable | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

4.16 | 8 — DC24V

Rmin=30mm

SPECIFICATION

LED Type	SMD2219 240LED/m
Voltage Input	DC24V
Max. Power	13W/M
Luminous Flux (available)	100-118Lm/W
Energy efficiency Class	F / E
PCB Width	8mm
Cutting Unit	4.166mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP65	Silicone Extrusion
IP68	Silicone Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	Power	LM/m	LM/W	Energy Efficiency Class
>90	2400K	13W	1300	95	F
	2700K	13W	1430	109	F
	3000K	13W	1456	112	F
	4000K	13W	1534	118	E
	6500K	13W	1495	115	E

NARROW SOB
320Chips/m 5mm 24V

UL | CE | TÜV | RoHS | PSE

FEATURE

. Light line and free with big emitting angle

. Super slim width with board width only 5mm

· Suit for furniture lighting and decorative lighting application

· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K | R G B P

180° | Dimmable | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

50 / 5 — DC24V Top view

50 / 5 — DC24V Back view

SPECIFICATION

LED Type	SMD1516 320LED/m
Voltage Input	DC12V / 24V
Max. Power	8W/M
Luminous Flux (available)	100-125Lm/W
Energy efficiency Class	F / E
PCB Width	5mm
Cutting Unit	50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	920	115	F
	2700K	984	123	E
	3000K	1040	130	E
	4000K	1080	135	E
	6500K	1064	133	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	840	105	F
	2700K	880	110	F
	3000K	920	115	F
	4000K	960	120	E
	6500K	945	118	E

DC48V SOB STRIP
256Chips/m 8mm 48V

UL | CE | TÜV | RoHS | PSE

FEATURE

. Light line and free with big emitting angle

. Elegant looking and stonger structure anti bending and twisting

· Suit for furniture lighting and decorative lighting application
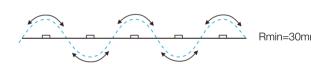
· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K

180° | Dimmable | 25m Standard Length | CRI 90

DRAWINGS (Unit:mm)

31.25 / 8 — DC24V + / DC24V

DC48V

Rmin=30mm

SPECIFICATION

LED Type	SMD2216 256LED/m
Voltage Input	DC48V
Max. Power	12W/M
Luminous Flux (available)	105-135Lm/W
Energy efficiency Class	F / E
PCB Width	8mm
Cutting Unit	31.25mm(DC48V)
Copper foil	3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP65	Silicone Extrusion
IP68	Silicone Extrusion 360° Silicon Flling

PHOTOMETRICS

CRI	CCT	Power	LM/m	LM/W	Energy Efficiency Class
>90	2400K	12W	1260	105	F
	2700K	12W	1320	110	F
	3000K	12W	1380	115	F
	4000K	12W	1440	120	E
	6500K	12W	1418	118	E

SPI WHITE SOB
360Chips/m 10mm 24V

FEATURE

. Light beam angle up to 180°
. By using smart controller, it can achieve different color changing effect such as gradual changing, hopping, chasing and scroling effect.
·Single color strip, with good anti-interference capacity.
·Same brightness from head end to tail end, no color change.

2400K 2700K 3000K 4000K 6500K CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

83.33

DC24V + | DC24V +
GEN DI | GEN DO

10

DC24V

SPECIFICATION

LED Type	SMD1515 360LED/m
Voltage Input	DC24V
Max. Power	15W/M Max
IC Type	16703
Color	2700K/4500K/6500K DIGITAL WHITE
PCB Width	10mm
Cutting Unit	83.33mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP65	Silicone Extrusion	
IP68	Silicone Extrusion 360° Silicon Flling	

PHOTOMETRICS

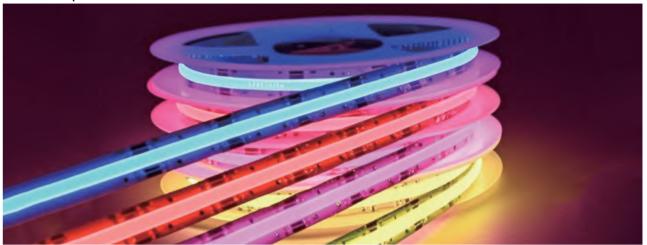| CCT	CRI	Power	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	15W	975	65	G
3000K	>90	15W	1125	75	G
4000K	>90	15W	1200	80	G
6500K	>90	15W	1350	90	G

RGB SOB STRIP
276Chips/m 10mm 12V/24V

FEATURE

. Light beam angle up to 180°
. High quality FPC, high thermal 3M adhesive
· Larger luminous area of phosphor, better luminous effect
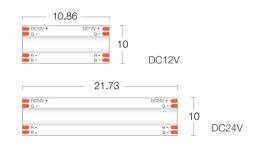· Dot free and perfectly homogeneous linear LED light line

RGB | Dimmable | 180° | 5m Standard Length

DRAWINGS (Unit:mm)

10.86

DC12V + | DC12V +
G - | G -
R - | R -
B - | B -

10

DC12V

21.73

DC24V + | DC24V +
G - | G -
R - | R -
B - | B -

10

DC24V

SPECIFICATION

LED Type	SMD2222 276LED/m	
Voltage Input	DC12V / DC24V	
Max. Power	15W/M	
Step LEDs	3PCS(DC12V)	6PCS(DC24V)
Color	RGB	
PCB Width	8/10mm	
Cutting Unit	10.86mm(DC12V)	21.73mm(DC24V)
Copper foil	2oz / 3oz	

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP65	Silicone Extrusion	
IP65	Silicone Extrusion	
IP68	Silicone Extrusion 360° Silicon Flling	

PHOTOMETRICS

CCT	Wavelength	Power/M	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	5.0W	130	26
GREEN	520nm	4.9W	373	76
BLUE	465nm	4.8W	100	20
RGB	/	14.7W	441	30

SPI RGB SOB
276Chips/m 10mm 5V

FEATURE

. Light beam angle up to 180°

. High quality FPC, high thermal 3M adhesive

· Larger luminous area of phosphor, better luminous effect
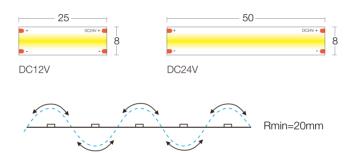
· Dot free and perfectly homogeneous linear LED light line

RGB | Dimmable | 180° | 5m Standard Length

DRAWINGS (Unit:mm)

```
        31.25
┌─────────────────────┐
│ DC5V +      DC5V +   │  10
│ GEN         GEN      │
│ DI          DO       │
└─────────────────────┘
```
DC5V

SPECIFICATION

LED Type	SMD2222 276LED/m
Voltage Input	DC5V
Max. Power	24W/M
Step LEDs	5PCS(DC5V)
Color	SPI RGB
PCB Width	10mm
Cutting Unit	10.86mm(DC12V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP65	Silicone Extrusion
IP68	Silicone Extrusion 360° Silicon Filling

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	8.0W	192	24
GREEN	520~525nm	8.0W	600	75
BLUE	465~470nm	8.0W	152	19
RGB	/	24W	912	38

HIGH VOLTAGE SOB
240Chips/m 10mm AC110V/220V

FEATURE

. Light line and free with big emitting angle.

. Perfect color control.

. Cuttable, large bending degree,easy installation.

. Ultra-long, up to 50 meters one end feed.

2700K 3000K 4000K 6000K | R G B P

180° | Dimmable | 50m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

```
 1000        250      Max 50m
──────┤  ┌──────────────────────┐
      42.5 │                      │
```
Rmin=25mm

SPECIFICATION

LED Type	SMD2835 240LED/m
Voltage Input	AC110V / 220V
Max. Power	16W/M
Luminous Flux (available)	100-125Lm/W
Energy efficiency Class	F / E
PCB Width	10mm
Cutting Unit	250mm
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP65	Silicone Extrusion
IP65	Silicone Extrusion
IP68	Silicone Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1200	75	G	>90	2400K	1120	70	G
	2700K	1280	80	G		2700K	1200	75	G
	3000K	1360	85	G		3000K	1280	80	G
	4000K	1440	90	G		4000K	1360	85	G
	6500K	1475	92	F		6500K	1408	88	G

COB LED
STRIP SERIES

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

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

COB STRIP
320Chips/m 8mm 12V/24V

FEATURE

· Light beam angle up to 180°
· High quality FPC, high thermal 3M adhesive
· Larger luminous area of phosphor, better luminous effect
· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K | R G B P

180° | Dimmable | 5m Standard Length | CRI 90

DRAWINGS (Unit:mm)

DC12V 25 DC24V+ 8

DC24V 50 DC24V+ 8

Rmin=20mm

SPECIFICATION

LED Type	COB 320LED/m
Voltage Input	DC12V / 24V
Max. Power	8W/M
Luminous Flux (available)	95-120Lm/W
Energy efficiency Class	F / E
PCB Width	8mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	760	95	F
3000K	>90	800	100	F
4000K	>90	920	115	F
6500K	>90	960	120	E

COB STRIP
480Chips/m 8mm 12V/24V

FEATURE

· Light beam angle up to 180°
· High quality FPC, high thermal 3M adhesive
· Larger luminous area of phosphor, better luminous effect
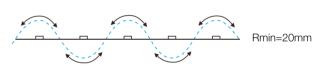· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K | R G B P

180° | Dimmable | 5m Standard Length | CRI 90

DRAWINGS (Unit:mm)

DC12V 25 DC24V+ 8

DC24V 50 DC24V+ 8

Rmin=20mm

SPECIFICATION

LED Type	COB 480LED/m
Voltage Input	DC12V / 24V
Max. Power	11W/M
Luminous Flux (available)	95-120Lm/W
Energy efficiency Class	F / E
PCB Width	8mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	1045	95	F
3000K	>90	1100	100	F
4000K	>90	1265	115	F
6500K	>90	1320	120	E

COB STRIP
528Chips/m 10mm 12V/24V

FEATURE
. Light beam angle up to 180°
. High quality FPC, high thermal 3M adhesive
· Larger luminous area of phosphor, better luminous effect
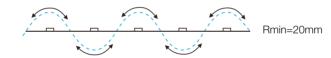· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K   R G B P

180° Dimmable 5m Standard Length CRI 90

DRAWINGS (Unit:mm)

45.45

DC24V +   10   DC12/24V

Rmin=20mm

SPECIFICATION

LED Type	COB 528LED/m
Voltage Input	DC12V / 24V
Max. Power	14W/M
Luminous Flux (available)	95-120Lm/W
Energy efficiency Class	F / E
PCB Width	10mm
Cutting Unit	45.45mm(DC12V/24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Flling

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	1330	95	F
3000K	>90	1400	100	F
4000K	>90	1610	115	F
6500K	>90	1680	120	E

TUNABLE WHITE COB
608Chips/m 8/10mm 12V/24V

FEATURE
. Light beam angle up to 180°
. High quality FPC, high thermal 3M adhesive
· Larger luminous area of phosphor, better luminous effect
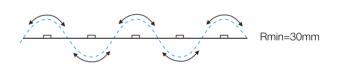· Dot free and perfectly homogeneous linear LED light line

2700K - 6500K

180° Dimmable 5m Standard Length CRI 90

DRAWINGS (Unit:mm)

13.16   DC12V +   8/10   DC12V

26.31   DC12V +   8/10   DC24V

Rmin=30mm

SPECIFICATION

LED Type	COB 608LED/m
Voltage Input	DC12V / 24V
Max. Power	6+6W/M / 7+7W/M
Luminous Flux (available)	90-106Lm/W
Energy efficiency Class	F
PCB Width	8mm / 10mm
Cutting Unit	13.16mm(DC12V) 26.31mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Flling

PHOTOMETRICS

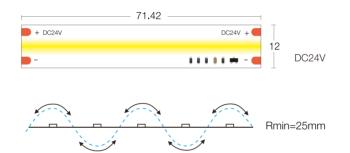| CCT	CRI	Power/M	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K ONLY	>90	6W / 7W	540 / 630	90	F
6500K ONLY	>90	6W / 7W	640 / 745	106	F
2700K+6500K	>90	12W / 14W	1176 / 1372	98	F

DIM TO WARM COB
588Chips/m 10mm 24V

FEATURE

. Light beam angle up to 180°

. High quality FPC, high thermal 3M adhesive

· Larger luminous area of phosphor, better luminous effect

· Dot free and perfectly homogeneous linear LED light line

3000K dim to 1800K only need the traditional dimmer

▲ 1800K(Dimmed)   3000K(Full Brightness) ▲

DRAWINGS (Unit:mm)

71.42   12   DC24V

Rmin=25mm

SPECIFICATION

LED Type	COB 528LED/m
Voltage Input	DC24V
Max. Power	7*2W/M
Luminous Flux (available)	95-120Lm/W
Energy efficiency Class	F / E
PCB Width	12mm
Cutting Unit	45.45mm(DC12V/24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

WIRING DIAGRAM

0/1-10V Dimmer

3000K → 1800K
Dim to WARM

DRIVER

Traditional PWM dimmer

3000K → 1800K
Dim to WARM

DRIVER

SPI WHITE COB
360Chips/m 10mm 24V
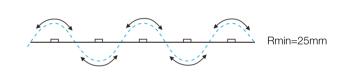

FEATURE

. Light beam angle up to 180°

. High quality FPC, high thermal 3M adhesive

· Larger luminous area of phosphor, better luminous effect

· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K

180° | Dimmable | 5m Standard Length | CRI 90

DRAWINGS (Unit:mm)

83.33   10   DC24V

Rmin=25mm

SPECIFICATION

LED Type	COB 360LED/m
Voltage Input	DC24V
Max. Power	15W/M
Luminous Flux (available)	82-105Lm/W
Energy efficiency Class	G / F
PCB Width	10mm
Cutting Unit	83.33mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	1330	82	G
3000K	>90	1400	90	F
4000K	>90	1610	100	F
6500K	>90	1680	105	F

RGB COB STRIP
576Chips/m 8/10mm 12V/24V

UL CE TUV RoHS PS E

FEATURE

. Light beam angle up to 180°

. High quality FPC, high thermal 3M adhesive

· Larger luminous area of phosphor, better luminous effect

· Dot free and perfectly homogeneous linear LED light line

RGB | Dimmable | 180° | Standard Length 5m

DRAWINGS (Unit:mm)

31.25
DC12V + / G- / R- / B- | DC12V + / G- / R- / B-
8/10
DC12V

62.5
DC24V + / G- / R- / B- | DC24V + / G- / R- / B-
8/10
DC24V

SPECIFICATION

LED Type	COB 576LED/m
Voltage Input	DC12V / DC24V
Max. Power	10W/M (8mmPCB) 14W/M (10mmPCB)
Step LEDs	18PCS(DC12V) 36PCS(DC24V)
Color	RGB
PCB Width	8/10mm
Cutting Unit	31.25mm(DC12V) 62.5mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	

PHOTOMETRICS

CCT	Wavelength	Power/M		Lumen(Lm/m)		Efficacy(Lm/W)
RED	620nm	3.3W	4.6W	92.4	129	28
GREEN	520nm	3.4W	4.8W	279	394	82
BLUE	465nm	3.3W	4.6W	99.0	138	30
RGB	/	10.0W	14.0W	430	602	43

SPI RGB COB
720Chips/m 12mm 24V

UL CE TUV RoHS PS E

FEATURE

. Light beam angle up to 180°

. High quality FPC, high thermal 3M adhesive

· Larger luminous area of phosphor, better luminous effect

· Dot free and perfectly homogeneous linear LED light line

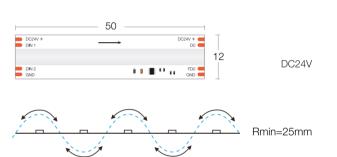RGB | Dimmable | 180° | Standard Length 5m

DRAWINGS (Unit:mm)

50
DC24V + / DIN 1 / DIN 2 / GND | DC24V + / D0 / FDX / GND
12
DC24V

Rmin=25mm

SPECIFICATION

LED Type	COB 720LED/m
Voltage Input	DC24V
Max. Power	21W/M max
Step LEDs	36PCS Chips
Color	SPI RGB
PCB Width	12mm
Cutting Unit	50mm
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	

PHOTOMETRICS

CCT	Wavelength	Power/M	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	7.2W	201.6	28
GREEN	520nm	7.2W	590.4	82
BLUE	465nm	7.2W	216.0	30
RGB	/	21W	903.0	43

RGBW COB STRIP
784Chips/m 12mm 24V

FEATURE

. Light beam angle up to 180°

. High quality FPC, high thermal 3M adhesive

· Larger luminous area of phosphor, better luminous effect
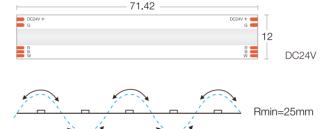
· Dot free and perfectly homogeneous linear LED light line

DRAWINGS (Unit:mm)

71.42

12

DC24V

Rmin=25mm

SPECIFICATION

LED Type	COB 784LED/m
Voltage Input	DC24V
Max. Power	19W/M Max
Step LEDs	56PCS Chips
Color	RGBW
PCB Width	12mm
Cutting Unit	71.42mm
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	

PHOTOMETRICS

CCT	Wavelength/CCT	Power/M	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	5.5W	154	28
GREEN	520nm	3.3W	270	82
BLUE	465nm	4.3W	86.0	20
RGB	/	13.1W	642	49
WHTIE	Base on 4000K	5.5W	413	75

RGBCCT COB
840Chips/m 12mm 24V

FEATURE

. Light beam angle up to 180°

. High quality FPC, high thermal 3M adhesive

· Larger luminous area of phosphor, better luminous effect
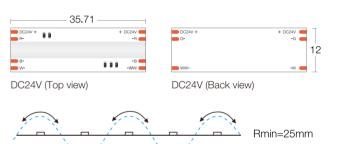
· Dot free and perfectly homogeneous linear LED light line

DRAWINGS (Unit:mm)

35.71

12

DC24V (Top view)   DC24V (Back view)

Rmin=25mm

SPECIFICATION

LED Type	COB 840LED/m
Voltage Input	DC24V
Max. Power	21W/M max
Step LEDs	30PCS
Color	RGBCCT
PCB Width	12mm
Cutting Unit	35.71mm
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	

PHOTOMETRICS

CCT	CRI	Power/M	Lumen(Lm/m)	Efficacy(Lm/W)
2700K ONLY	83	4.2W	378	90
6500K ONLY	85	4.2W	454	108
2700K+6500K	88	8.2W	812	99
RGB	79	12.5W	538	43
RGB+CW+WW	81	21W	1260	60

NARROW COB STRIP
384Chips/m 5mm 12V/24V

UL CE TÜV RoHS PSE

FEATURE

. Light beam angle up to 180°
. Ultra narrow PCB 5mm width
· Larger luminous area of phosphor, better luminous effect
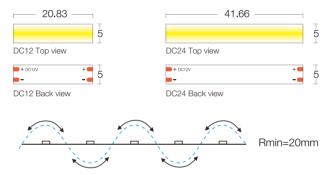· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K | R G B P

180° | Dimmable | 5m Standard Length | CRI 90

DRAWINGS (Unit:mm)

20.83
5
DC12 Top view

41.66
5
DC24 Top view

+ DC12V
5
DC12 Back view

+ DC12V
5
DC24 Back view

Rmin=20mm

SPECIFICATION

LED Type	COB 384LED/m
Voltage Input	DC12V / 24V
Max. Power	10W/M
Luminous Flux (available)	95-120Lm/W
Energy efficiency Class	F / E
PCB Width	5mm
Cutting Unit	20.83mm(DC12V)　41.66mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	950	95	F
3000K	>90	1000	100	F
4000K	>90	1150	115	F
6500K	>90	1200	120	E

FREE CUTTING COB
528Chips/m 8mm 12V/24V

UL CE TÜV RoHS PSE

FEATURE

. Light beam angle up to 180°
. 12V or 24V, flexible COB LED strip free cutting, cut anywhere
· Larger luminous area of phosphor, better luminous effect
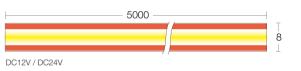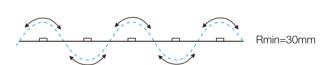· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K

180° | Dimmable | 5m Standard Length | CRI 90

DRAWINGS (Unit:mm)

5000
8
DC12V / DC24V

Rmin=30mm

SPECIFICATION

LED Type	COB 528LED/m
Voltage Input	DC12V / 24V
Max. Power	13W/M
Luminous Flux (available)	90-110Lm/W
Energy efficiency Class	F
PCB Width	8mm
Cutting Unit	Free cutting, cutting anywhere
Copper foil	2oz / 3oz

PROTECTION LEVEL

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	1170	90	F
3000K	>90	1248	96	F
4000K	>90	1365	105	F
6500K	>90	1430	110	F

DC48V COB
480Chips/m 10mm 48V

UL CE TUV RoHS PS E

FEATURE

. Light beam angle up to 180°

. Double row light belt, can be used with profiles

· Larger luminous area of phosphor, better luminous effect
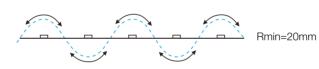
· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K R G B P

180° | Dimmable | 5m Standard Length | CRI 90

DRAWINGS (Unit:mm)

50
10
DC48V

Rmin=20mm

SPECIFICATION

LED Type	COB 480LED/m
Voltage Input	DC48V
Max. Power	9.6W/M
Luminous Flux (available)	75-90Lm/W
Energy efficiency Class	G
PCB Width	12mm
Cutting Unit	20mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	720	75	G
3000K	>90	768	80	G
4000K	>90	816	85	G
6500K	>90	864	90	G

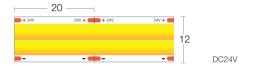---

DOUBLE ROW COB
600Chips/m 12mm 24V

UL CE TUV RoHS PS E

FEATURE

. Light beam angle up to 180°

. Double row light belt, can be used with profiles

· Larger luminous area of phosphor, better luminous effect

· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K R G B P

180° | Dimmable | 5m Standard Length | CRI 90

DRAWINGS (Unit:mm)

20
12
DC24V

Rmin=20mm

SPECIFICATION

LED Type	COB 600LED/m
Voltage Input	DC24V
Max. Power	24W/M
Luminous Flux (available)	95-115Lm/W
Energy efficiency Class	F
PCB Width	12mm
Cutting Unit	20mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	2280	95	F
3000K	>90	2400	100	F
4000K	>90	2640	110	F
6500K	>90	2760	115	F

WIDE COB STRIP
1600Chips/m 30mm 24V

UL CE TUV RoHS PSE

FEATURE

. Light beam angle up to 180°
. High quality FPC, high thermal 3M adhesive
· Larger luminous area of phosphor, better luminous effect
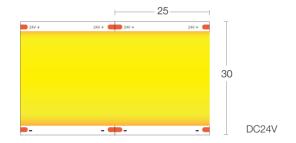· Dot free and perfectly homogeneous linear LED light line

2700K 3000K 4000K 6000K

180° | Dimmable | 5m Standard Length | CRI 90

DRAWINGS (Unit:mm)

25

30

DC24V

SPECIFICATION

LED Type	COB 1600LED/m
Voltage Input	DC24V
Max. Power	40W/M
Luminous Flux (available)	95-115Lm/W
Energy efficiency Class	F
PCB Width	30mm
Cutting Unit	25mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20   Non Waterproof

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	3800	95	F
3000K	>90	4000	100	F
4000K	>90	4400	110	F
6500K	>90	4600	115	F

HIGH VOLTAGE COB
432Chips/m 10mm 220V

UL CE TUV RoHS PSE

FEATURE

. No Drivers or Cumbersome Transformers Required
. Quick Install, Plug and Play Out of the Box
. Long Run 50M with Just 1 Plug-In
. High-Grade PVC Housing for Added Protection

2700K 3000K 4000K 6000K

180° | Dimmable | 5m Standard Length | CRI 90

DRAWINGS (Unit:mm)

Max 50m
1000
100
42.5

AC220-240V

SPECIFICATION
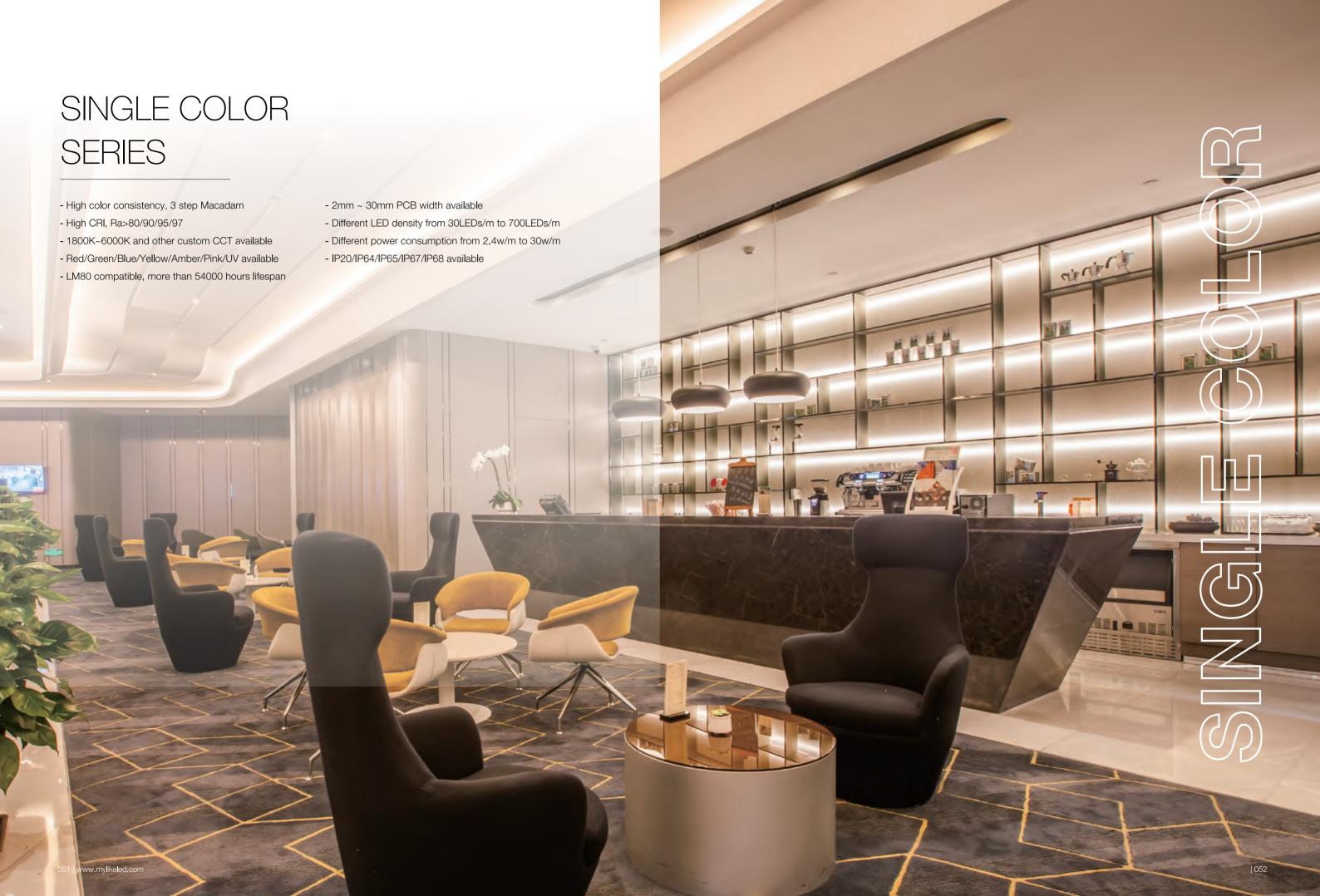
LED Type	COB 432LED/m
Voltage Input	AC220-240V
Max. Power	12W/M
Luminous Flux (available)	85-100Lm/W
Energy efficiency Class	G / F
PCB Width	30mm
Cutting Unit	25mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	1020	85	G
3000K	>90	1080	90	G
4000K	>90	1140	95	F
6500K	>90	1200	100	F
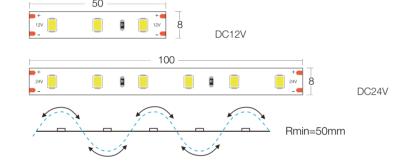
SINGLE COLOR
SERIES

- High color consistency, 3 step Macadam
- High CRI, Ra>80/90/95/97
- 1800K~6000K and other custom CCT available
- Red/Green/Blue/Yellow/Amber/Pink/UV available
- LM80 compatible, more than 54000 hours lifespan

- 2mm ~ 30mm PCB width available
- Different LED density from 30LEDs/m to 700LEDs/m
- Different power consumption from 2.4w/m to 30w/m
- IP20/IP64/IP65/IP67/IP68 available

SINGLE COLOR

2835SMD
60LED/m LED STRIP

FEATURE

· High efficiency and cost effective
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

50 | 8 DC12V

100 | 8 DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 60LED/m	
Voltage Input	DC12V/DC24V	
Max. Power	7.5W/M	
Luminous Flux (available)	89-120Lm/W	
Energy efficiency Class	G / F / E	
PCB Width	8mm	
Cutting Unit	50mm(DC12V)	100mm(DC24V)
Copper foil	2oz / 3oz	

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	788	105	F
	2700K	825	110	F
	3000K	855	114	F
	4000K	878	117	E
	6500K	900	120	E

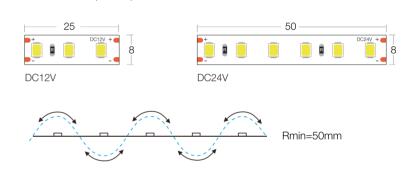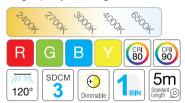| CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	668	89	G
	2700K	697	93	F
	3000K	743	99	F
	4000K	788	105	F
	6500K	803	107	F

2835SMD
120LED/m LED STRIP

FEATURE

· High efficiency and cost effective
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

25 | 8 DC12V

50 | 8 DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 120LED/m	
Voltage Input	DC12V/DC24V	
Max. Power	13.5W/M	
Luminous Flux (available)	89-120Lm/W	
Energy efficiency Class	G / F / E	
PCB Width	8mm	
Cutting Unit	25mm(DC12V)	50mm(DC24V)
Copper foil	2oz / 3oz	

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1417	105	F
	2700K	1485	110	F
	3000K	1552	115	F
	4000K	1579	117	E
	6500K	1620	120	E

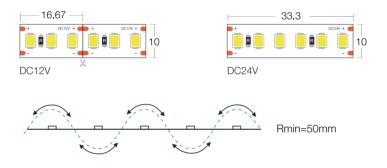| CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1201	89	G
	2700K	1256	93	F
	3000K	1337	99	F
	4000K	1418	105	F
	6500K	1445	107	F

2835SMD
180LED/m LED STRIP

UL · CE · TÜV · RoHS · PSE

FEATURE

· High efficiency and cost effective
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° · SDCM 3 · Dimmable · 1 BIN · 5m Standard Length

DRAWINGS (Unit:mm)

16.67 | 10
DC12V

33.3 | 10
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 180LED/m
Voltage Input	DC12V/DC24V
Max. Power	17W/M
Luminous Flux (available)	89-120Lm/W
Energy efficiency Class	G / F / E
PCB Width	10mm
Cutting Unit	16.67mm(DC12V) 33.3mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1785	105	F
	2700K	1870	110	F
	3000K	1938	114	F
	4000K	1989	117	E
	6500K	2040	120	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1513	89	G
	2700K	1581	93	F
	3000K	1683	99	F
	4000K	1785	105	F
	6500K	1819	107	F

2835SMD
192LED/m LED STRIP
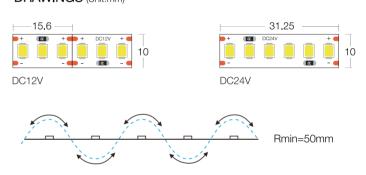
UL · CE · TÜV · RoHS · PSE

FEATURE

· High efficiency and cost effective
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° · SDCM 3 · Dimmable · 1 BIN · 5m Standard Length

DRAWINGS (Unit:mm)

15.6 | 10
DC12V

31.25 | 10
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 192LED/m
Voltage Input	DC12V/DC24V
Max. Power	19W/M
Luminous Flux (available)	89-120Lm/W
Energy efficiency Class	G / F / E
PCB Width	10mm
Cutting Unit	15.6mm(DC12V) 31.25mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1995	105	F
	2700K	2090	110	F
	3000K	2166	114	F
	4000K	2223	117	E
	6500K	2280	120	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1691	89	G
	2700K	1767	93	F
	3000K	1881	99	F
	4000K	1995	105	F
	6500K	2033	107	F

2835SMD
240LED/m LED STRIP
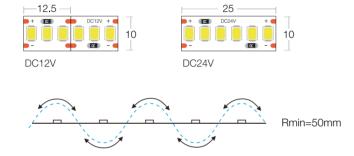
FEATURE

· High efficiency and cost effective
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

12.5 | 10 | DC12V

25 | 10 | DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 240LED/m
Voltage Input	DC12V/DC24V
Max. Power	24W/M
Luminous Flux (available)	85-120Lm/W
Energy efficiency Class	F / E
PCB Width	10mm
Cutting Unit	12.5mm(DC12V) 25mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	2520	105	F
	2700K	2640	110	F
	3000K	2736	114	F
	4000K	2808	117	E
	6500K	2880	120	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	2136	89	G
	2700K	2232	93	F
	3000K	2376	99	F
	4000K	2520	105	F
	6500K	2568	107	F

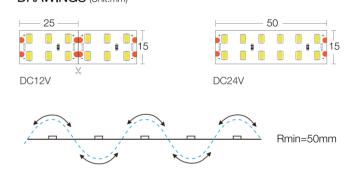
FEATURE

· High efficiency and cost effective
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

25 | 15 | DC12V

50 | 15 | DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 240LED/m
Voltage Input	DC12V/DC24V
Max. Power	28.8W/M
Luminous Flux (available)	85-120Lm/W
Energy efficiency Class	F / E
PCB Width	15mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	3024	105	F
	2700K	3168	110	F
	3000K	3283	114	F
	4000K	3370	117	E
	6500K	3456	120	E

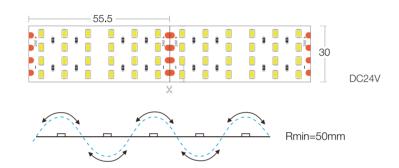| CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	2563	89	G
	2700K	2678	93	F
	3000K	2851	99	F
	4000K	3024	105	F
	6500K	3082	107	F

MULTI-ROW
SMD2835 432LED/m LED STRIP


FEATURE

· High efficiency and cost effective
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

55.5
30
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 432LED/m
Voltage Input	DC24V
Max. Power	42W/M
Luminous Flux (available)	89-120Lm/W
Energy efficiency Class	G / F / E
PCB Width	30mm
Cutting Unit	55.5mm(24LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP65	Silicone Extrusion	
IP68	Silicon Extrusion 360° Silicon Flling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	4410	105	F
	2700K	4620	110	F
	3000K	4788	114	F
	4000K	4914	117	E
	6500K	5040	120	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1968	89	G
	2700K	2136	93	F
	3000K	2160	99	F
	4000K	2350	105	F
	6500K	2280	107	F

MULTI-ROW
SMD2835 480LED/m LED STRIP
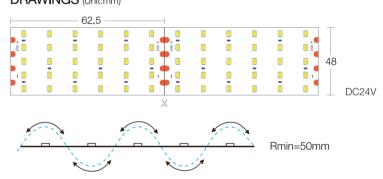
FEATURE

· High efficiency and cost effective
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

62.5
48
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 480LED/m
Voltage Input	DC24V
Max. Power	50W/M
Luminous Flux (available)	89-120Lm/W
Energy efficiency Class	G / F / E
PCB Width	48mm
Cutting Unit	62.5mm(30LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP65	Silicone Extrusion	
IP68	Silicon Extrusion 360° Silicon Flling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	5250	105	F
	2700K	5500	110	F
	3000K	5700	114	F
	4000K	5850	117	E
	6500K	6000	120	E

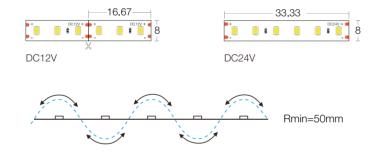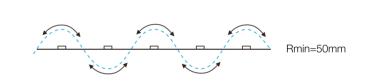| CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	4450	89	G
	2700K	4650	93	F
	3000K	4950	99	F
	4000K	5250	105	F
	6500K	5350	107	F

2216SMD
180LED/m LED STRIP

UL CE TÜV RoHS PSE

FEATURE

· 2216 LED with broader luminous surface
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

16.67 — DC12V+ — 8
DC12V

33.33 — DC24V+ — 8
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2216 180LED/m
Voltage Input	DC12V/DC24V
Max. Power	13.5W/M
Luminous Flux (available)	82-103Lm/W
Energy efficiency Class	G / F
PCB Width	8mm
Cutting Unit	16.7mm(DC12V) 33.3mm(DC24V)
Copper foil	2oz / 3oz
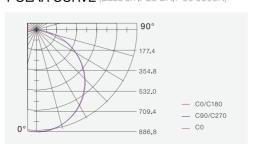
PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1107	82	G
	2700K	1148	85	G
	3000K	1215	90	G
	4000K	1350	100	F
	6500K	1390	103	F

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

90°
177.4
354.8
532.0
709.4
886.8
0°
— C0/C180
— C90/C270
— C0

2216SMD
240LED/m LED STRIP

UL CE TÜV RoHS PSE

FEATURE

· 2216 LED with broader luminous surface
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

12.5 — DC12V+ — 8
DC12V

25 — DC24V+ — 8
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2216 240LED/m
Voltage Input	DC12V/DC24V
Max. Power	17W/M
Luminous Flux (available)	85-120Lm/W
Energy efficiency Class	G / F
PCB Width	8mm
Cutting Unit	12.5mm(DC12V) 25mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1394	82	G
	2700K	1445	85	G
	3000K	1530	90	G
	4000K	1700	100	F
	6500K	1751	103	F

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

90°
177.4
354.8
532.0
709.4
886.8
0°
— C0/C180
— C90/C270
— C0

2216SMD
300LED/m LED STRIP

FEATURE

· 2216 LED with broader luminous surface

· Outstanding thermal management

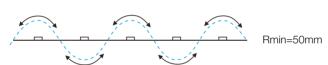· Low power consumption

· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

10 | DC12V

20 | 10 | DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2216 300LED/m
Voltage Input	DC12V/DC24V
Max. Power	19.2W/M
Luminous Flux (available)	85-120Lm/W
Energy efficiency Class	G / F
PCB Width	10mm
Cutting Unit	10mm(DC12V) 20mm(DC24V)
Copper foil	2oz / 3oz
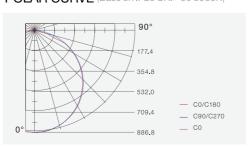
PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1574	82	G
	2700K	1632	85	G
	3000K	1728	90	G
	4000K	1920	100	F
	6500K	1957	103	F

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

90°
177.4
354.8
532.0
709.4
886.8
0°

— C0/C180
— C90/C270
— C0

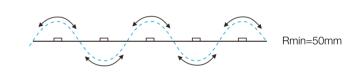
2216SMD
308LED/m LED STRIP

ErP ✓ **ErP level F or E**

FEATURE

· 2216 LED with broader luminous surface

· Outstanding thermal management

· Low power consumption

· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

22.7 | 8 | DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2216 308LED/m
Voltage Input	DC24V
Max. Power	17W/M
Luminous Flux (available)	85-120Lm/W
Energy efficiency Class	F / E
PCB Width	8mm
Cutting Unit	22.7mm(7LED)
Copper foil	2oz / 3oz
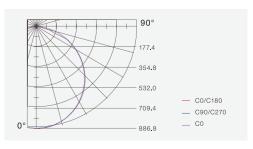
PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1785	105	F
	2700K	1870	110	F
	3000K	1938	114	F
	4000K	1989	117	E
	6500K	2040	120	E

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

90°
177.4
354.8
532.0
709.4
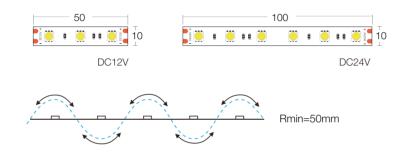886.8
0°

— C0/C180
— C90/C270
— C0

5050SMD
60LED/m LED STRIP

FEATURE

· 5050 LED with broader luminous surface
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

50
10
DC12V

100
10
DC24V

Rmin=50mm

SPECIFICATION
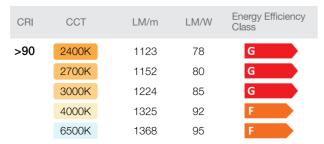
LED Type	SMD5050 60LED/m
Voltage Input	DC12V/DC24V
Max. Power	14.4W/M
Luminous Flux (available)	78-102Lm/W
Energy efficiency Class	G / F
PCB Width	10mm
Cutting Unit	50mm(DC12V) 100mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1204	83	G	>90	2400K	1123	78	G
	2700K	1253	87	G		2700K	1152	80	G
	3000K	1325	92	F		3000K	1224	85	G
	4000K	1440	100	F		4000K	1325	92	F
	6500K	1469	102	F		6500K	1368	95	F

5050SMD
120LED/m LED STRIP
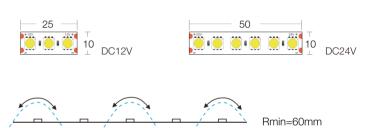
FEATURE

· 5050 LED with broader luminous surface
· Outstanding thermal management
· Low power consumption
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

25
10 DC12V

50
10 DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD5050 120LED/m
Voltage Input	DC12V/DC24V
Max. Power	21.6W/M
Luminous Flux (available)	78-102Lm/W
Energy efficiency Class	G / F
PCB Width	10mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1793	83	G	>90	2400K	1685	78	G
	2700K	1880	87	G		2700K	1728	80	G
	3000K	1988	92	F		3000K	1836	85	G
	4000K	2160	100	F		4000K	1987	92	F
	6500K	2203	102	F		6500K	2052	95	F

HIGH EFFICIENGY SERIES

High Efficiency LED Strip is more than 125LM/W, which uses large-size chips and high brightness SMD2835 LEDs, high-quality resistors, and thicker PCB.

Energy saving

$ SAVE 18%

25%

Effi-Plus
(7/8LEDs Per Unit)

Traditional LED Strip
(6LEDs Per Unit)

Power ultilization

HIGH EFFICIENCY
SMD2835 112LED/m 24V 8LED/CUT
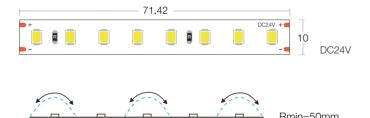
UL CE TÜV RoHS PSE

ErP ✓ **ErP level E or D**

FEATURE

· High brightness SMD2835, up to 152LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

71.42
DC24V
10 DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 112LED/m
Voltage Input	DC24V
Max. Power	9.5W/M
Luminous Flux (available)	125-152Lm/W
Energy efficiency Class	E / D
PCB Width	10mm
Cutting Unit	71.42mm(8LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class		CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1244	131	E		>90	2400K	1188	125	E
	2700K	1292	136	E			2700K	1235	130	E
	3000K	1358	143	D			3000K	1301	137	E
	4000K	1425	150	D			4000K	1358	143	D
	6500K	1443	152	D			6500K	1396	147	D

HIGH EFFICIENCY
SMD2835 120LED/m 12V 4LED/CUT
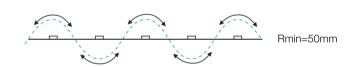
UL CE TÜV RoHS PSE

ErP ✓ **ErP level E or D**

FEATURE

· High brightness SMD2835, up to 152LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

33.33
DC12V DC12V
10 DC12V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC12V
Max. Power	10.5W/M
Luminous Flux (available)	120-152Lm/W
Energy efficiency Class	E / D
PCB Width	10mm
Cutting Unit	33.33mm(4LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class		CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1375	131	E		>90	2400K	1312	125	E
	2700K	1428	136	E			2700K	1365	130	E
	3000K	1501	143	D			3000K	1438	137	E
	4000K	1575	150	D			4000K	1501	143	D
	6500K	1586	152	D			6500K	1543	147	D

# HIGH EFFICIENCY

SMD2835126LED/m 24V 7LED/CUT
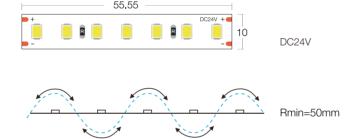
UL CE TUV RoHS PSE

FEATURE

· High brightness SMD2835, up to 140LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

ErP **ErP level E or D**

DRAWINGS (Unit:mm)

55.55 | DC24V +
10 | DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 126LED/m
Voltage Input	DC12V
Max. Power	10.5W/M
Luminous Flux (available)	115-140Lm/W
Energy efficiency Class	F / E / D
PCB Width	10mm
Cutting Unit	55.55mm(7LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1312	125	E	>90	2400K	1207	115	F
	2700K	1344	128	E		2700K	1292	123	E
	3000K	1386	132	E		3000K	1365	130	E
	4000K	1449	138	E		4000K	1418	135	E
	6500K	1470	140	D		6500K	1438	137	E

HIGH EFFICIENCY

SMD2835 128LED/m 24V 7LED/CUT
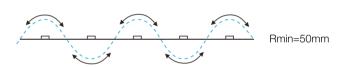
UL CE TUV RoHS PSE

FEATURE

· High brightness SMD2835, up to 152LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

ErP **ErP level E or D**

DRAWINGS (Unit:mm)

62.5 | DC24V +
10 | DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 128LED/m
Voltage Input	DC24V
Max. Power	11.5W/M
Luminous Flux (available)	125-152Lm/W
Energy efficiency Class	F / E / D
PCB Width	10mm
Cutting Unit	62.5mm(8LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1506	131	E	>90	2400K	1438	125	E
	2700K	1564	136	E		2700K	1495	130	E
	3000K	1645	143	D		3000K	1575	137	E
	4000K	1725	150	D		4000K	1645	143	D
	6500K	1748	152	D		6500K	1690	147	D

HIGH EFFICIENCY
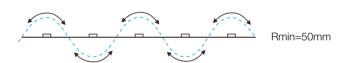## SMD2835 140LED/m 24V 7LED/CUT

UL · CE · TÜV ISO · RoHS · PSE

FEATURE

· High brightness SMD2835, up to 141LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y · CRI 80 · CRI 90

120° · SDCM 3 · Dimmable · 1 BIN · 5m Standard Length

DRAWINGS (Unit:mm)

50 · DC24V · 10 · DC24V

Rmin=50mm

ErP ErP level E or D

SPECIFICATION

LED Type	SMD2835 140LED/m
Voltage Input	DC24V
Max. Power	13W/M
Luminous Flux (available)	115-141Lm/W
Energy efficiency Class	F / E / D
PCB Width	10mm
Cutting Unit	50mm(7LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1573	121	E
	2700K	1664	128	E
	3000K	1716	132	E
	4000K	1794	138	E
	6500K	1833	141	D

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1495	115	F
	2700K	1599	123	E
	3000K	1690	130	E
	4000K	1755	135	E
	6500K	1781	137	E

HIGH EFFICIENCY
SMD2835 168LED/m 24V 7LED/CUT
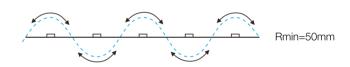
UL · CE · TÜV ISO · RoHS · PSE

FEATURE

· High brightness SMD2835, up to 141LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y · CRI 80 · CRI 90

120° · SDCM 3 · Dimmable · 1 BIN · 5m Standard Length

DRAWINGS (Unit:mm)

41.67 · DC24V · 10 · DC24V

Rmin=50mm

ErP ErP level E or D

SPECIFICATION

LED Type	SMD2835 168LED/m
Voltage Input	DC24V
Max. Power	15W/M
Luminous Flux (available)	115-141Lm/W
Energy efficiency Class	F / E / D
PCB Width	10mm
Cutting Unit	41.67mm(7LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1815	121	E
	2700K	1920	128	E
	3000K	1980	132	E
	4000K	2070	138	E
	6500K	2115	141	D

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1725	115	F
	2700K	1845	123	E
	3000K	1950	130	E
	4000K	2025	135	E
	6500K	2055	137	E

HIGH EFFICIENCY
SMD2835 196LED/m 24V 7LED/CUT

UL CE TUV RoHS PSE

ErP ✓ ErP level **E or D**
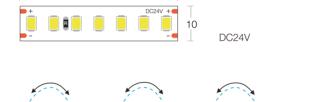
FEATURE

· High brightness SMD2835, up to 140LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

35.71

DC24V

10 DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 196LED/m
Voltage Input	DC24V
Max. Power	20W/M
Luminous Flux (available)	115-140Lm/W
Energy efficiency Class	F / E / D
PCB Width	10mm
Cutting Unit	35.71mm(7LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	2420	121	E
	2700K	2560	128	E
	3000K	2640	132	E
	4000K	2760	138	E
	6500K	2820	140	D

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	2250	115	F
	2700K	2460	123	E
	3000K	2600	130	E
	4000K	2700	135	E
	6500K	2740	137	E

HIGH EFFICIENCY
SMD2835 210LED/m 24V 7LED/CUT
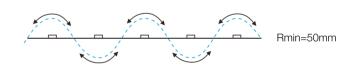
UL CE TUV RoHS PSE

ErP ✓ ErP level **E or D**

FEATURE

· High brightness SMD2835, up to 140LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)

33.33

DC24V

8 DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 210LED/m
Voltage Input	DC24V
Max. Power	21.0W/M
Luminous Flux (available)	115-140Lm/W
Energy efficiency Class	F / E / D
PCB Width	8mm
Cutting Unit	33.33mm(7LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	2541	121	E
	2700K	2688	128	E
	3000K	2772	132	E
	4000K	2898	138	E
	6500K	2961	140	D

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	2415	115	F
	2700K	2583	123	E
	3000K	2730	130	E
	4000K	2835	135	E
	6500K	2877	137	E

HIGH EFFICIENCY
SMD2835 240LED/m 24V 8LED/CUT
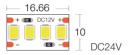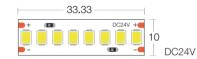
UL CE TUV RoHS PSE

ErP ErP level
E or D

FEATURE
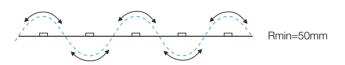· High brightness SMD2835, up to 152LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

16.66 | + DC12V + | 10 DC24V

33.33 | + DC24V | 10 DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 240LED/m
Voltage Input	DC12V / 24V
Max. Power	20W/M
Luminous Flux (available)	125-152Lm/W
Energy efficiency Class	E / D
PCB Width	10mm
Cutting Unit	16.66mm(DC12) 33.33mm(DC24)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	2620	131	E
	2700K	2720	136	E
	3000K	2860	143	D
	4000K	3000	150	D
	6500K	3040	152	D

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	2500	125	E
	2700K	2600	130	E
	3000K	2740	137	E
	4000K	2860	143	D
	6500K	2940	147	D

HIGH EFFICIENCY
SMD2835 SMD2835 126LED/m 24V 9LED/CUT

UL CE TUV RoHS PSE

ErP ErP level
B or C

FEATURE
· High brightness SMD2835, up to 200LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

71.43 | + DC24V + | 12 DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 126LED/m
Voltage Input	DC24V
Max. Power	9.0W/M
Luminous Flux (available)	155-200Lm/W
Energy efficiency Class	D / B / C
PCB Width	12mm
Cutting Unit	71.43mm(9LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1440	160	D
	2700K	1530	170	C
	3000K	1665	185	B
	4000K	1710	190	B
	6500K	1800	200	B

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1395	155	D
	2700K	1440	160	D
	3000K	1485	165	C
	4000K	1575	175	C
	6500K	1665	185	B

HIGH EFFICIENCY
SMD2835 180LED/m 24V 9LED/CUT
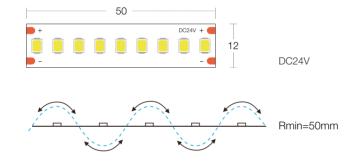
ErP
ErP level
B or C

FEATURE

· High brightness SMD2835, up to 200LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

50
+ DC24V +
- -
12
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 180LED/m
Voltage Input	DC24V
Max. Power	12.0W/M
Luminous Flux (available)	155-200Lm/W
Energy efficiency Class	D / B / C
PCB Width	12mm
Cutting Unit	50mm(9LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1920	160	D
	2700K	2040	170	C
	3000K	2220	185	B
	4000K	2280	190	B
	6500K	2400	200	B

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1860	155	D
	2700K	1920	160	D
	3000K	1980	165	C
	4000K	2100	175	C
	6500K	2220	185	B

HIGH EFFICIENCY
SMD2835 216LED/m 24V 9LED/CUT
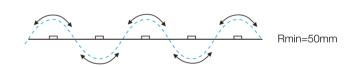
ErP
ErP level
B or C

FEATURE

· High brightness SMD2835, up to 200LM/W
· High quality PCB, high thermal 3M adhesive
· Appropriate for projects with high energy efficiency
  equirements

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

41.66
+ DC24V +
- -
12
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 216LED/m
Voltage Input	DC24V
Max. Power	16.0W/M
Luminous Flux (available)	155-200Lm/W
Energy efficiency Class	D / B / C
PCB Width	12mm
Cutting Unit	41.66mm(9LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	2560	160	D
	2700K	2720	170	C
	3000K	2960	185	B
	4000K	3040	190	B
	6500K	3200	200	B

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	2480	155	D
	2700K	2560	160	D
	3000K	2640	165	C
	4000K	2800	175	C
	6500K	2960	185	B

DC48V SUPER LONG
LED STRIP

- Maximum 60 meter long for one end power input
- IC constant current, consistent end-to-end brightness
- Easy wiring & simple power system, reduce installation effort and cost to minimum
- Static white, Tunable white, RGB, RGBW are available
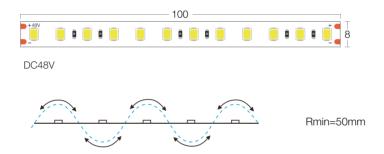
48V Better performance

DC48V SUPER LONG
SMD2835 120LED/m LED STRIP

FEATURE

. Longer strip, save time and effort
. Longer wiring, convenient installation
· Higher efficiency with 48V power system
· IP20/65/67 optiona

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 50m Standard Length

DRAWINGS (Unit:mm)

DC48V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC48V
Max. Power	9.6W/M
Luminous Flux (available)	92-120Lm/W
Energy efficiency Class	F / E
PCB Width	8mm
Cutting Unit	100mm(12LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	960	100	F	>90	2400K	880	92	F
	2700K	1008	105	F		2700K	912	95	F
	3000K	1056	110	F		3000K	960	100	F
	4000K	1133	118	E		4000K	1036	108	F
	6500K	1152	120	E		6500K	1056	110	F

DC48V SUPER LONG
SMD2835 182LED/m LED STRIP
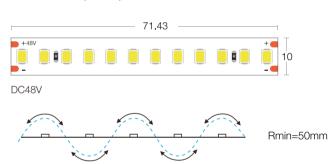
FEATURE

. Longer strip, save time and effort
. Longer wiring, convenient installation
· Higher efficiency with 48V power system
· IP20/65/67 optiona

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 50m Standard Length

DRAWINGS (Unit:mm)

DC48V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 182LED/m
Voltage Input	DC48V
Max. Power	14.5W/M
Luminous Flux (available)	92-120Lm/W
Energy efficiency Class	F / E
PCB Width	8mm
Cutting Unit	71.43mm(13LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

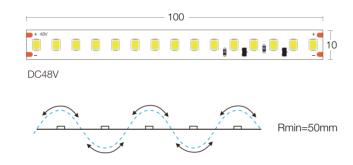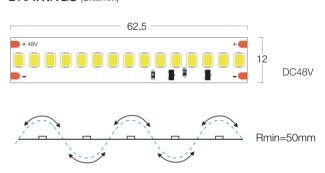| CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1450	100	F	>90	2400K	1334	92	F
	2700K	1522	105	F		2700K	1322	95	F
	3000K	1596	110	F		3000K	1450	100	F
	4000K	1133	118	E		4000K	1566	108	F
	6500K	1711	120	E		6500K	1596	110	F

CC48V SUPER LONG
SMD2835 150LED/m LED STRIP

FEATURE

. Super long constant current design strip with one end power
. Longer wiring, convenient installation
· Higher efficiency with 48V power system
· IP20/65/67 optiona

2400K 2700K 3000K 4000K 6500K
R G B Y CRI 80 CRI 90
120° SDCM 3 Dimmable 1 BIN 50m Standard Length

DRAWINGS (Unit:mm)

100 / 10
DC48V

Rmin=50mm

SPECIFICATION
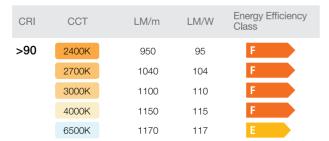
LED Type	SMD2835 150LED/m
Voltage Input	CC48V
Max. Power	10.0W/M
Luminous Flux (available)	95-136Lm/W
Energy efficiency Class	F / E
PCB Width	10mm
Cutting Unit	100mm(15LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1130	113	E
	2700K	1180	118	E
	3000K	1260	126	E
	4000K	1330	133	E
	6500K	1360	136	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	950	95	F
	2700K	1040	104	F
	3000K	1100	110	F
	4000K	1150	115	F
	6500K	1170	117	E

CC48V SUPER LONG
SMD2835 240LED/m LED STRIP

FEATURE

. Super long constant current design strip with one end power
. Longer wiring, convenient installation
· Higher efficiency with 48V power system
· IP20/65/67 optiona

2400K 2700K 3000K 4000K 6500K
R G B Y CRI 80 CRI 90
120° SDCM 3 Dimmable 1 BIN 50m Standard Length

DRAWINGS (Unit:mm)

62,5 / 12
DC48V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 240LED/m
Voltage Input	CC48V
Max. Power	13.0W/M
Luminous Flux (available)	95-136Lm/W
Energy efficiency Class	F / E
PCB Width	12mm
Cutting Unit	62.5mm(15LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1469	113	E
	2700K	1534	118	E
	3000K	1638	126	E
	4000K	1729	133	E
	6500K	1768	136	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1235	95	F
	2700K	1352	104	F
	3000K	1430	110	F
	4000K	1495	115	F
	6500K	1521	117	E

DC48V TUNABLE WHITE
SMD2216 280LED/m LED STRIP

UL CE TÜV RoHS PSE
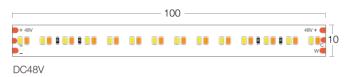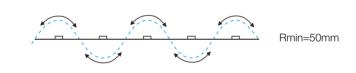
FEATURE

. Super long design strip with one end power
. 2216 LED Warm white+cool white tunable strip
· Higher efficiency with 48V power system
· White lights and R/G/B/Y and other colorful lights for option
· IP20/65/67 optiona

2400K - 6500K

120° | SDCM 3 | Dimmable | 1 BIN | 50m Standard Length | CRI 90

DRAWINGS (Unit:mm)

DC48V

Rmin=50mm

SPECIFICATION

LED Type	SMD2216 280LED/m
Voltage Input	DC48V
Max. Power	7.5+7.5W/M
Luminous Flux (available)	100-112Lm/W
Energy efficiency Class	F
PCB Width	10mm
Cutting Unit	100mm(14LED+14LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CCT	CRI	Power	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K ONLY	>90	7.5W	750	100	F
6500K ONLY	>90	7.5W	840	112	F
2700K+6500K	>90	15W	1590	106	F

DC48V RGB
SMD5050 60LED/m LED STRIP

UL CE TÜV RoHS PSE

FEATURE

. Super long design strip with one end power
. Longer wiring, convenient installation
· Self-encapsulated design
· IP20/65/67 optiona

RGB | Dimmable | 120° | 50m Standard Length

DRAWINGS (Unit:mm)

DC48V

Rmin=50mm

SPECIFICATION
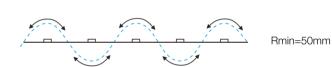
LED Type	SMD5050 60LED/m
Voltage Input	DC48V
Max. Power	9W/M Max
LED Source	3 in 1
Color	RGB
PCB Width	10mm
Cutting Unit	166.6mm(10LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	3.0W	99.0	33
GREEN	520nm	3.0W	228	76
BLUE	465nm	3.0W	63.0	21
RGB	/	9.0W	396	44

DC48V RGB
SMD5050 84LED/m LED STRIP

FEATURE
· Super long design strip with one end power
· Longer wiring, convenient installation
· Self-encapsulated design
· IP20/65/67 optiona

RGB | Dimmable | 120° | 50m Standard Length

DRAWINGS (Unit:mm)

166.6 / 10
DC48V

Rmin=50mm

SPECIFICATION

LED Type	SMD5050 84LED/m
Voltage Input	DC48V
Max. Power	12W/M Max
LED Source	3 in 1
Color	RGB
PCB Width	10mm
Cutting Unit	166.6mm(14LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Flling

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	3.9W	128.7	33
GREEN	520nm	4.1W	311.6	76
BLUE	465nm	4.0W	84.0	21
RGB	/	12.0W	528.0	44

DC48V RGBW
SMD5050+SMD2216 120LED/m LED STRIP

FEATURE
· Super long design strip with one end power
· Longer wiring, convenient installation
· Self-encapsulated design
· IP20/65/67 optiona

3000K 4000K 6500K | CRI 90

RGBW | Dimmable | 120° | 50m Standard Length

DRAWINGS (Unit:mm)

100 / 10
DC48V

Rmin=50mm

SPECIFICATION

LED Type	SMD5050+SMD2216
Voltage Input	DC48V
Max. Power	16.8W/M Max
LED Source	60LED/M-SMD5050 60LED/M-SMD2216
Color	RGB+W
PCB Width	12mm
Cutting Unit	100mm(10+10LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Flling

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	3.6W	118.8	33
GREEN	520nm	4.0W	304.0	76
BLUE	465nm	3.8W	79.8	21
RGB	/	11.4W	478	41
WHTIE	Base on 4000K	5.2W	432	83
RGB+W	/	16.1W	853	53

FREE CUTTING

- Soldering-free connectors

FREE CUTTING

FREE CUTTING
SMD2835 140LED/m LED STRIP

UL CE TUV RoHS PSE
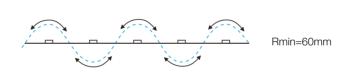
FEATURE

. Super slim 5mm for narrow space

. High quality FPC, high thermal 3M adhesive

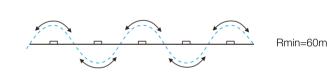· High cost performance and excellent in heat dissipation

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

7.14

5   DC24V

Rmin=60mm

SPECIFICATION
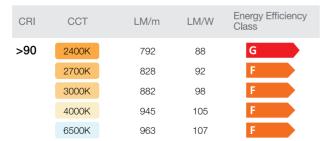
LED Type	SMD2835 140LED/m
Voltage Input	DC24V
Max. Power	9W/M
Luminous Flux (available)	88-113Lm/W
Energy efficiency Class	G / F
PCB Width	5mm
Cutting Unit	7.14mm(1LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	810	90	G
	2700K	855	95	F
	3000K	900	100	F
	4000K	972	108	F
	6500K	1017	113	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	792	88	G
	2700K	828	92	F
	3000K	882	98	F
	4000K	945	105	F
	6500K	963	107	F

FREE CUTTING
SMD2835 120LED/m LED STRIP

UL CE TUV RoHS PSE

FEATURE

. Super slim 5mm for narrow space

. High quality FPC, high thermal 3M adhesive

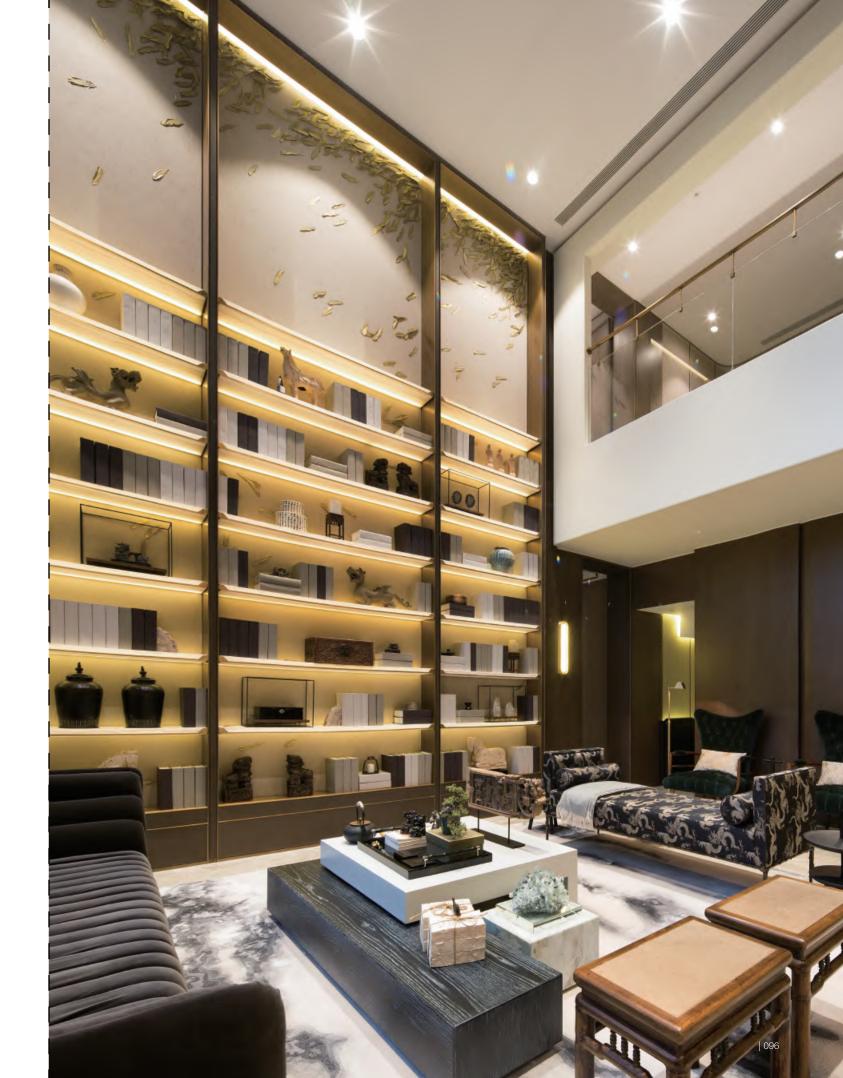· High cost performance and excellent in heat dissipation

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

8.3

8   DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC24V
Max. Power	10W/M
Luminous Flux (available)	85-120Lm/W
Energy efficiency Class	G / F
PCB Width	8mm
Cutting Unit	8.33mm(1LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	900	90	G
	2700K	950	95	F
	3000K	1000	100	F
	4000K	1080	108	F
	6500K	1130	113	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	880	88	G
	2700K	920	92	F
	3000K	980	98	F
	4000K	1050	105	F
	6500K	1070	107	F

FREE CUTTING
SMD2835 140LED/m LED STRIP
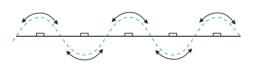
UL CE TÜV RoHS PSE

FEATURE

. Super slim 5mm for narrow space

. High quality FPC, high thermal 3M adhesive

· High cost performance and excellent in heat dissipation

2400k 2700k 3000k 4000k 6500k

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

7.14

10   DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2835 140LED/m
Voltage Input	DC24V
Max. Power	12W/M
Luminous Flux (available)	85-120Lm/W
Energy efficiency Class	G / F
PCB Width	10mm
Cutting Unit	7.14mm(1LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1080	90	G
	2700K	1140	95	F
	3000K	1200	100	F
	4000K	1296	108	F
	6500K	1356	113	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1056	88	G
	2700K	1104	92	F
	3000K	1176	98	F
	4000K	1260	105	F
	6500K	1284	107	F

NARROW LED STRIP

SUPER SLIM
3.5-6mm Width PCB

SMD LM80 · LM80
85,000 hrs
Lifetime of LEDs

CRI
80 / 90 / 95
Available

HIGH DENSITY
300 LEDs/M

NARROW 5mm
SMD2110 240LED/m LED STRIP
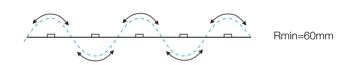
FEATURE

. Super slim width with board width only 5mm

. High quality FPC, high thermal 3M adhesive

· Smaller size,higher density up to 240LEDs/m

· High cost performance and excellent in heat dissipation

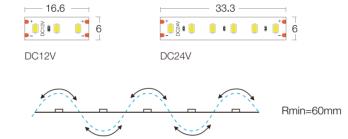2400K 2700K 3000K 4000K 6500K | CRI 90 | CRI 95

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

25 / 5 — DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2110 240LED/m
Voltage Input	DC24V
Max. Power	16W/M
Luminous Flux (available)	70-92Lm/W
Energy efficiency Class	G / F
PCB Width	5mm
Cutting Unit	25mm(6LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20   Non Waterproof

IP64   Spray thin glue

PHOTOMETRICS

| CCT	CRI	LM/m	LM/W	Energy Efficiency Class
2400K	>90	1120	70	G
2700K	>90	1200	75	G
3000K	>90	1280	80	G
4000K	>90	1392	87	G
6500K	>90	1475	92	F

NARROW 4mm
SMD2216 120LED/m LED STRIP
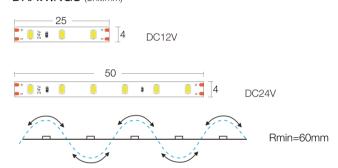
FEATURE

. Super slim width with board width only 4mm

. High quality FPC, high thermal 3M adhesive

· Smaller size,higher density up to 300LEDs/m

· High cost performance and excellent in heat dissipation

2400K 2700K 3000K 4000K 6500K | CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

25 / 4 — DC12V

50 / 4 — DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2216 120LED/m
Voltage Input	DC12V / DC24V
Max. Power	9W/M
Luminous Flux (available)	75-100Lm/W
Energy efficiency Class	G / F
PCB Width	4mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20   Non Waterproof

PHOTOMETRICS

CCT	CRI	LM/m	LM/W	Energy Efficiency Class
2400K	>90	675	75	G
2700K	>90	720	80	G
3000K	>90	801	89	G
4000K	>90	855	95	F
6500K	>90	900	100	F

NARROW 6mm
SMD2216 180LED/m LED STRIP

UL CE TUV RoHS PSE

FEATURE

. Super slim width with board width only 6mm

. High quality FPC, high thermal 3M adhesive

· Smaller size,higher density up to 300LEDs/m

· High cost performance and excellent in heat dissipation

2400K 2700K 3000K 4000K 6500K | CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

16.6 | DC12V | 6

33.3 | DC24V | 6

Rmin=60mm

SPECIFICATION

LED Type	SMD2216 180LED/m
Voltage Input	DC24V
Max. Power	8.6W/M
Luminous Flux (available)	75-100Lm/W
Energy efficiency Class	G / F
PCB Width	6mm
Cutting Unit	16.6mm(DC12V) 33.3mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20   Non Waterproof

PHOTOMETRICS

CCT	CRI	LM/m	LM/W	Energy Efficiency Class
2400K	>90	645	75	G
2700K	>90	688	80	G
3000K	>90	765	89	G
4000K	>90	817	95	F
6500K	>90	860	100	F

NARROW 3.5mm
SMD2216 192LED/m LED STRIP

UL CE TUV RoHS PSE

### FEATURE
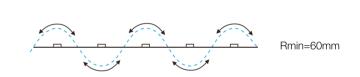
. Super slim width with board width only 3.5mm

. High quality FPC, high thermal 3M adhesive

· Smaller size,higher density SMD

· High cost performance and excellent in heat dissipation

2400K 2700K 3000K 4000K 6500K | CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

15.625 | DC12V | 3.5

31.25 | DC24V | 3.5

Rmin=60mm

SPECIFICATION

LED Type	SMD2216 192LED/m
Voltage Input	DC12V / DC24V
Max. Power	9.6W/M
Luminous Flux (available)	75-100Lm/W
Energy efficiency Class	G / F
PCB Width	3.5mm
Cutting Unit	16.625mm(DC12V) 31.25mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20   Non Waterproof

PHOTOMETRICS

CCT	CRI	LM/m	LM/W	Energy Efficiency Class
2400K	>90	645	75	G
2700K	>90	688	80	G
3000K	>90	765	89	G
4000K	>90	817	95	F
6500K	>90	860	100	F

NARROW 4mm
SMD2216 240LED/m LED STRIP
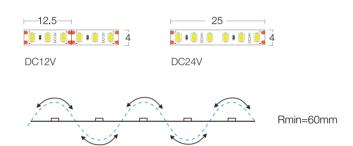
UL · CE · TÜV · RoHS · PSE

FEATURE

. Super slim width with board width only 4mm
. High quality FPC, high thermal 3M adhesive
· Smaller size,higher density SMD
· High cost performance and excellent in heat dissipation

2400K 2700K 3000K 4000K 6500K · CRI 90

120° · SDCM 3 · Dimmable · 1 BIN · 5m Standard Length

DRAWINGS (Unit:mm)

12.5 — 4 — DC12V

25 — 4 — DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2216 240LED/m
Voltage Input	DC24V
Max. Power	11.5W/M
Luminous Flux (available)	75-100Lm/W
Energy efficiency Class	G / F
PCB Width	4mm
Cutting Unit	12.5mm(DC12V) 25mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue

PHOTOMETRICS

CCT	CRI	LM/m	LM/W	Energy Efficiency Class
2400K	>90	863	75	G
2700K	>90	920	80	G
3000K	>90	1024	89	G
4000K	>90	1092	95	F
6500K	>90	1150	100	F

# NARROW 5mm
SMD2216 300LED/m LED STRIP
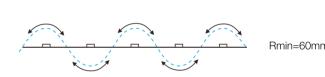
UL · CE · TÜV · RoHS · PSE

FEATURE

. Super slim width with board width only 5mm
. High quality FPC, high thermal 3M adhesive
· Smaller size,higher density SMD
· High cost performance and excellent in heat dissipation

2400K 2700K 3000K 4000K 6500K · CRI 90

120° · SDCM 3 · Dimmable · 1 BIN · 5m Standard Length

DRAWINGS (Unit:mm)

10 — 5 — DC12V

20 — 5 — DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2216 300LED/m
Voltage Input	DC12V / DC24V
Max. Power	14W/M
Luminous Flux (available)	75-100Lm/W
Energy efficiency Class	G / F
PCB Width	3.5mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue

PHOTOMETRICS

CCT	CRI	LM/m	LM/W	Energy Efficiency Class
2400K	>90	1050	75	G
2700K	>90	1120	80	G
3000K	>90	1246	89	G
4000K	>90	1330	95	F
6500K	>90	1400	100	F

NARROW 4/5/6mm
SMD2835 120LED/m LED STRIP
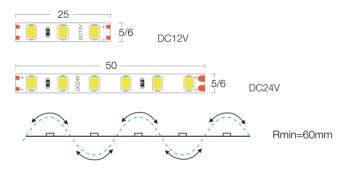
### FEATURE

. Super slim width with board width only 4mm
. High quality FPC, high thermal 3M adhesive
· Smaller size, higher density SMD
· High cost performance and excellent in heat dissipation

2400K 2700K 3000K 4000K 6500K

| R | G | B | Y | CRI 80 | CRI 90 |

| 120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length |

DRAWINGS (Unit:mm)

25 · 5/6 · DC12V

50 · 5/6 · DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC12V / DC24V
Max. Power	10W/M
Luminous Flux (available)	85-120Lm/W
Energy efficiency Class	G / F
PCB Width	4 / 5 / 6mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

| IP20 | Non Waterproof |
| IP64 | Spray thin glue |

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1050	105	F
	2700K	1100	110	F
	3000K	1150	115	E
	4000K	1170	117	E
	6500K	1200	120	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	850	85	G
	2700K	890	89	G
	3000K	900	90	F
	4000K	980	98	F
	6500K	950	95	F

NARROW 5/6mm
SMD2835 140LED/m LED STRIP
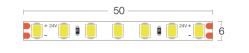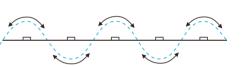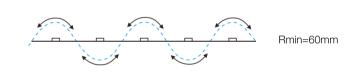

FEATURE

. Super slim width with board width only 5mm
. High quality FPC, high thermal 3M adhesive
· Smaller size, higher density SMD
· High cost performance and excellent in heat dissipation

2400K 2700K 3000K 4000K 6500K

| R | G | B | Y | CRI 80 | CRI 90 |

| 120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length |

DRAWINGS (Unit:mm)

50 · 6 · DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2835 140LED/m
Voltage Input	DC24V
Max. Power	10W/M
Luminous Flux (available)	100-130Lm/W
Energy efficiency Class	F / E
PCB Width	5/6mm
Cutting Unit	50mm(7LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

| IP20 | Non Waterproof |
| IP64 | Spray thin glue |

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1070	107	F
	2700K	1150	115	E
	3000K	1200	120	E
	4000K	1250	125	E
	6500K	1300	130	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1000	100	F
	2700K	1050	105	F
	3000K	1100	110	F
	4000K	1150	115	E
	6500K	1200	120	E

NARROW 5mm
SMD2835 180LED/m LED STRIP
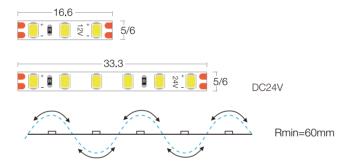
UL | CE | TÜV | RoHS | PSE


FEATURE

. Super slim width with board width only 5mm

. High quality FPC, high thermal 3M adhesive

· Smaller size,higher density SMD

· High cost performance and excellent in heat dissipation

2400K 2700K 3000K 4000K 6500K

R G B Y | CRI 80 | CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

16.6
5/6

33.3
5/6 — DC24V

Rmin=60mm

SPECIFICATION
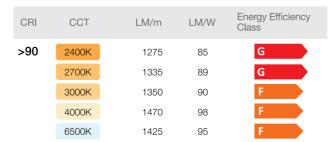
LED Type	SMD2835 180LED/m
Voltage Input	DC12V / DC24V
Max. Power	15W/M
Luminous Flux (available)	85-120Lm/W
Energy efficiency Class	G / F
PCB Width	5mm
Cutting Unit	16.67mm(DC12V) 33.3mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

| IP20 | Non Waterproof |
| IP64 | Spray thin glue |

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1575	105	F
	2700K	1650	110	F
	3000K	1725	115	E
	4000K	1755	117	E
	6500K	1800	120	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1275	85	G
	2700K	1335	89	G
	3000K	1350	90	F
	4000K	1470	98	F
	6500K	1425	95	F

TUNABLE WHITE 5mm
SMD2835 120LED/m LED STRIP

UL | CE | TÜV | RoHS | PSE


FEATURE

. Super slim width with board width only 5mm

. High quality FPC, high thermal 3M adhesive

· Smaller size,higher density SMD

· High cost performance and excellent in heat dissipation

2400K - 6500K | CRI 80 | CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

50
5 — DC12V

Rmin=60mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC12V
Max. Power	5+5W/M
Luminous Flux (available)	90-117Lm/W
Energy efficiency Class	F / E
PCB Width	5mm
Cutting Unit	50mm(6LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

| IP20 | Non Waterproof |
| IP64 | Spray thin glue |

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	500	100	F
	6500K ONLY	585	117	E
	2700K+6500K	1080	108	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	450	90	F
	6500K ONLY	480	98	F
	2700K+6500K	950	95	F

TUNABLE WHITE 5mm
SMD2835 120LED/m LED STRIP
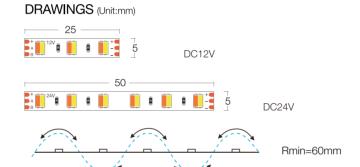
FEATURE
. Super slim width with board width only 5mm
. High quality FPC, high thermal 3M adhesive
· Smaller size,higher density SMD
· High cost performance and excellent in heat dissipation

2400K - 6500K
CRI 80

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

25 — 5 — DC12V

50 — 5 — DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC12V / DC24V
Max. Power	7+7W/M
Luminous Flux (available)	90-105Lm/W
Energy efficiency Class	F
PCB Width	6mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	665	95	F
	6500K ONLY	735	105	F
	2700K+6500K	1400	100	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	630	90	F
	6500K ONLY	686	98	F
	2700K+6500K	1330	95	F

TUNABLE WHITE 5mm
SMD2835 192LED/m LED STRIP
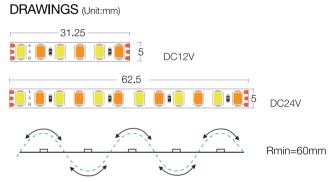
FEATURE
. Super slim width with board width only 5mm
. High quality FPC, high thermal 3M adhesive
· Smaller size,higher density SMD
· High cost performance and excellent in heat dissipation

2400K - 6500K
CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

31.25 — 5 — DC12V

62.5 — 5 — DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2835 192LED/m
Voltage Input	DC12V
Max. Power	8+8W/M
Luminous Flux (available)	85-120Lm/W
Energy efficiency Class	F / E
PCB Width	5mm
Cutting Unit	31.25mm(DC12V) 62.5mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	800	100	F
	6500K ONLY	936	117	E
	2700K+6500K	1728	108	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	720	90	F
	6500K ONLY	784	98	F
	2700K+6500K	1520	95	F

NARROW RGB 6mm

SMD2835 120LED/m LED STRIP

FEATURE

. Super slim width with board width only 5mm

. High quality FPC, high thermal 3M adhesive

· Smaller size,higher density up to 180LEDs/m

· High cost performance and excellent in heat dissipation

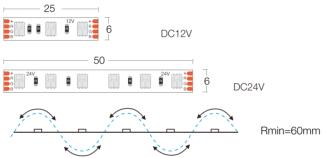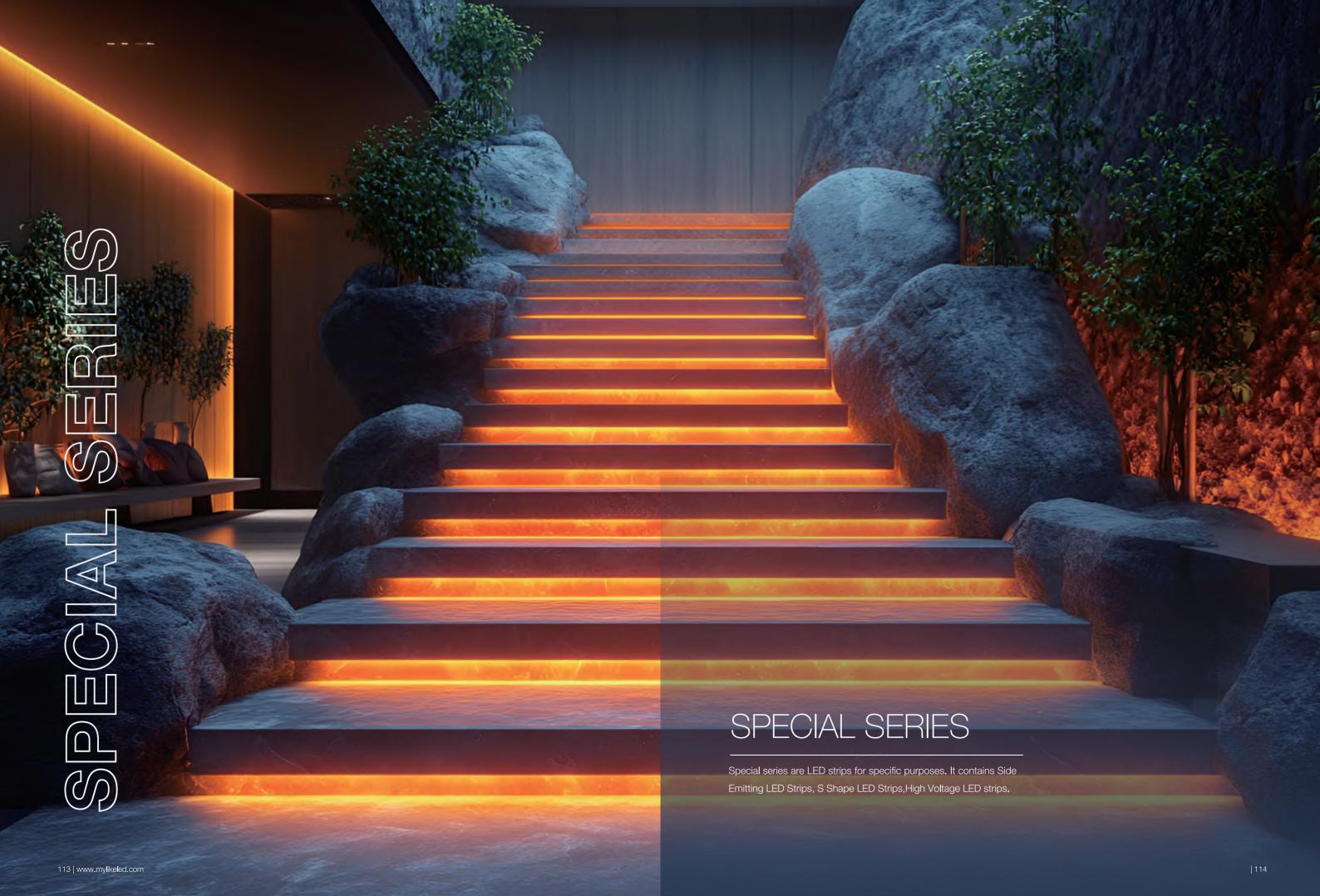## DRAWINGS (Unit:mm)

DC12V

DC24V

Rmin=60mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC12V / DC24V
Max. Power	12W/M Max
LED Source	3 in 1
Color	RGB
PCB Width	6mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20   Non Waterproof

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	3.8W	126.5	33.2
GREEN	520nm	4.2W	317.1	75.5
BLUE	465nm	4.0W	74.2	18.5
RGB	/	12.0W	528	44.0

SPECIAL SERIES

Special series are LED strips for specific purposes. It contains Side Emitting LED Strips, S Shape LED Strips, High Voltage LED strips.

S SHAPE
SMD2835 60LED/m LED STRIP
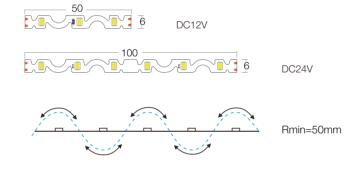
UL CE TUV RoHS PSE

FEATURE
· 2835 LED S shape design,horizontal bending
  for signage lighting
· Self-encapsulated design offers optional 2100-10000K
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)
50 6 DC12V
100 6 DC24V
Rmin=50mm

SPECIFICATION

LED Type	SMD2835 60LED/m
Voltage Input	DC12V/DC24V
Max. Power	6W/M
Luminous Flux (available)	89-120Lm/W
Energy efficiency Class	G / F / E
PCB Width	6mm
Cutting Unit	50mm(DC12V) 100mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class		CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	630	105	F		>90	2400K	534	89	G
	2700K	660	110	F			2700K	559	93	F
	3000K	690	115	E			3000K	594	99	F
	4000K	705	117	E			4000K	630	105	F
	6500K	720	120	E			6500K	642	107	F

---

S SHAPE
SMD2835 72LED/m LED STRIP
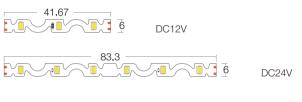
UL CE TUV RoHS PSE

FEATURE
· 2835 LED S shape design,horizontal bending
  for signage lighting
· Self-encapsulated design offers optional 2100-10000K
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 5m Standard Length

DRAWINGS (Unit:mm)
41.67 6 DC12V
83.3 6 DC24V
Rmin=50mm

SPECIFICATION

LED Type	SMD2835 72LED/m
Voltage Input	DC12V/DC24V
Max. Power	7.2W/M
Luminous Flux (available)	89-120Lm/W
Energy efficiency Class	G / F / E
PCB Width	6mm
Cutting Unit	41.67mm(DC12V) 83.3mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class		CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	756	105	F		>90	2400K	640	89	G
	2700K	792	110	F			2700K	670	93	F
	3000K	828	115	E			3000K	713	99	F
	4000K	842	117	E			4000K	756	105	F
	6500K	864	120	E			6500K	770	107	F

S SHAPE
SMD2835 96LED/m LED STRIP
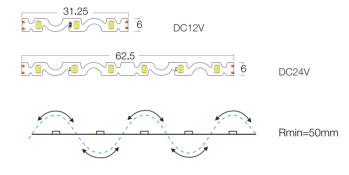
FEATURE
· 2835 LED S shape design,horizontal bending
  for signage lighting
· Self-encapsulated design offers optional 2100-10000K
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

31.25 | 6 — DC12V

62.5 | 6 — DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 96LED/m
Voltage Input	DC12V/DC24V
Max. Power	9.6W/M
Luminous Flux (available)	89-120Lm/W
Energy efficiency Class	G / F / E
PCB Width	6mm
Cutting Unit	31.25mm(DC12V) 62.5mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20   Non Waterproof

IP64   Spray thin glue

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1008	105	F	>90	2400K	855	89	G
	2700K	1056	110	F		2700K	892	93	F
	3000K	1104	115	E		3000K	950	99	F
	4000K	1123	117	E		4000K	1008	105	F
	6500K	1152	120	E		6500K	1027	107	F

S SHAPE
SMD2835 120LED/m LED STRIP
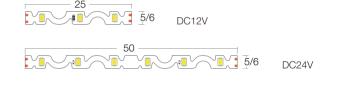
FEATURE
· 2835 LED S shape design,horizontal bending
  for signage lighting
· Self-encapsulated design offers optional 2100-10000K
· High quality PCB, high thermal 3M adhesive

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

25 | 5/6 — DC12V

50 | 5/6 — DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC12V/DC24V
Max. Power	10.5W/M
Luminous Flux (available)	89-120Lm/W
Energy efficiency Class	G / F / E
PCB Width	5/6mm
Cutting Unit	41.67mm(DC12V) 83.3mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20   Non Waterproof

IP64   Spray thin glue

PHOTOMETRICS

| CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1102	105	F	>90	2400K	935	89	G
	2700K	1155	110	F		2700K	976	93	F
	3000K	1207	115	E		3000K	1040	99	F
	4000K	1228	117	E		4000K	1102	105	F
	6500K	1260	120	E		6500K	1124	107	F

SIDE EMITTING
SMD3014 60LED/m LED STRIP

FEATURE
· 3014 LED with broader luminous surface
· Self-encapsulated design offers optional 2100-10000K
· High quality PCB, high thermal 3M adhesive
· Life span exceeds 50000H

2400K 2700K 3000K 4000K 6500K | CRI 80

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

50 | 8
DC12V

Rmin=50mm

SPECIFICATION

LED Type	SMD3014 60LED/m
Voltage Input	DC12V
Max. Power	6W/M
Luminous Flux (available)	90-110Lm/W
Energy efficiency Class	F
PCB Width	8mm
Cutting Unit	50mm(3LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP65	Silicone Extrusion	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2400K	>80	540	90	F
2700K	>80	570	95	F
3000K	>80	600	100	F
4000K	>80	645	107	F
6500K	>80	662	110	F

SIDE EMITTING
SMD3014 120LED/m LED STRIP
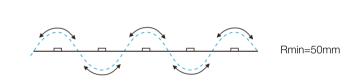
FEATURE
· 3014 LED with broader luminous surface
· Self-encapsulated design offers optional 2100-10000K
· High quality PCB, high thermal 3M adhesive
· Life span exceeds 50000H

2400K 2700K 3000K 4000K 6500K | CRI 80

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

25 | 8
DC12V

50 | 8
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD3014 120LED/m
Voltage Input	DC12V / DC24V
Max. Power	10.5W/M
Luminous Flux (available)	90-110Lm/W
Energy efficiency Class	F
PCB Width	8mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP65	Silicone Extrusion	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2400K	>80	945	90	F
2700K	>80	998	95	F
3000K	>80	1050	100	F
4000K	>80	1123	107	F
6500K	>80	1155	110	F

NARROW SIDE
SMD3014 120LED/m LED STRIP
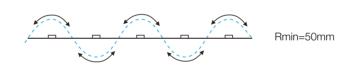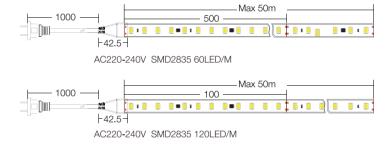
FEATURE
· 3014 LED with broader luminous surface
· Self-encapsulated design offers optional 2100-10000K
· High quality PCB, high thermal 3M adhesive
· Life span exceeds 50000H

2400K 2700K 3000K 4000K 6500K

CRI 80

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

25 | 5
DC12V

50 | 5
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD3014 120LED/m
Voltage Input	DC12V
Max. Power	8W/M
Luminous Flux (available)	90-110Lm/W
Energy efficiency Class	F
PCB Width	5mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20   Non Waterproof

PHOTOMETRICS

CCT	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2400K	>80	720	90	F
2700K	>80	760	95	F
3000K	>80	800	100	F
4000K	>80	856	107	F
6500K	>80	880	110	F

RGB SIDE EMITTING
SMD3014 120LED/m LED STRIP

FEATURE
· 3014 LED with broader luminous surface
· Self-encapsulated design offers optional 2100-10000K
· High quality PCB, high thermal 3M adhesive
· Life span exceeds 50000H

RGB | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

25 | 10
DC12V

50 | 10
DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD3014 120LED/m
Voltage Input	DC12V
Max. Power	12W/M Max
LED Source	3 in 1-SMD3014
Color	RGB
PCB Width	10mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20   Non Waterproof

IP65   Silicone Extrusion

IP68   Silicon Extrusion
        360° Silicon Filling

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	3.9W	130.6	33.2
GREEN	520nm	4.1W	309.5	75.5
BLUE	465nm	4.0W	74.3	18.5
RGB	/	12.0W	514.4	42.9

DRIVERLESS AC
LED STRIP SERIES

SAVE 10%

10% cost down than DC strip **solution**

1450 Lm/M

Lumen up to 1650Lm/M

10 s

installation time

AC 220-240V

IP68   Protect   Silicone

More flick free possible10mm width only, flexi-fitting with most of profiles

ErP level F or above

ErP ✓

DRIVERLESS AC LED STRIP

AC 220-240V
LED STRIP SERIES

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

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

HIGH VOLTAGE
SMD2835 120LED/m LED STRIP

FEATURE
· 2835 LED with broader luminous surface
· Self-encapsulated design offers optional 2100-10000K
· High quality PCB, high thermal 3M adhesive
· Life span exceeds 50000H

2400K 2700K 3000K 4000K 6500K

R G B Y CRI 80 CRI 90

120° SDCM 3 Dimmable 1 BIN 50m Standard Length

DRAWINGS (Unit:mm)

1000 | 500 | Max 50m
42.5
AC220-240V SMD2835 60LED/M

1000 | 100 | Max 50m
42.5
AC220-240V SMD2835 120LED/M

SPECIFICATION

LED Type	SMD2835 60LED/m	SMD2835 120LED/m
Voltage Input	AC220-240V	AC220-240V
Max. Power	8W/M	10.5W/M
Luminous Flux (available)	88-110Lm/W	88-110Lm/W
Energy efficiency Class	G / F	G / F
PCB Width	10mm	10mm
Cutting Unit	500mm(30LED)	100mm(12LED)
Copper foil	2oz / 3oz	2oz / 3oz

PROTECTION LEVEL

IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CCT	Power	CRI	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2400K	8W / 10.5W	80	704 / 924	88	F
2700K	8W / 10.5W	80	744 / 977	93	F
3000K	8W / 10.5W	80	800 / 1050	100	F
4000K	8W / 10.5W	80	856 / 1090	107	F
6500K	8W / 10.5W	80	880 / 1155	110	F

DOTLESS
LED LINE SERIES

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

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

DOTLESS LED LINE

DOTLESS LED LINE

UL | CE | TÜV | RoHS | PSE

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

2400K | 2700K | 3000K | 4000K | 6500K

CRI 80 | RGB | TW/W | RGBW

SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | Solvent resistant | Saltwater resistant | UV protected | Cuttable

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

DIMENSIONS

8MM
2.5 | 7 | 8±0.2 | 1.5
6 | L
4.2 | 5.1 | 4
2±0.15 | 6 | 8±0.2 | 4±0.2
Cross section

10MM
2.5 | 7 | 10±0.2 | 1.5
6 | L
4.2 | 5.1 | 4
2±0.15 | 8 | 10±0.2 | 4.5
Cross section

12MM
2.5 | 7 | 12±0.2 | 1.5
6 | L
4.2 | 4.9 | 4
2±0.15 | 10 | 12±0.2 | 4.5
Cross section

14MM
2.5 | 7 | 14±0.2 | 1.5
6 | L
4.2 | 5.5 | 4.5
2±0.15 | 12 | 14±0.2 | 4.5
Cross section

TUNABLE WHITE SERIES

All of these terms refer to a kind of LED strip light that can be adjusted to emit variable shades of white, usually in the range from 1800K to 6500K or from 2700K to 6500K color temperature(CCT). Adjusting white shades or changing color temperature is achieved through a remote or wired tunable white LED controller.

1800K-6500K Tone

WARM WHITE   NEUTRAL   COLD WHITE

Compatible for original lighting system.

PWM Support constant voltage PWM 0.5-1KHz dimmable drive.

SDCM Binning and SDCM customization

TUNABLE WHITE

TUNABLE WHITE
SMD2835 120LED/m

UL | CE | TUV | RoHS | PSE

FEATURE
· 2835 LED Warm white+cool white tunable strip
· Self-encapsulated design offers optional 2400-6500K
· The matched control system can achieve uniform color temperature and brightness adjustment.

2400K - 6500K

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

50 — 8 — DC12V
100 — 8 — DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC12V / DC24V
Max. Power	6.5+6.5W/M
Luminous Flux (available)	93-110Lm/W
Energy efficiency Class	F
PCB Width	8mm
Cutting Unit	50mm(DC12V) 100mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	683	105	F
	6500K ONLY	715	110	F
	2700K+6500K	1390	107	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	605	93	F
	6500K ONLY	631	97	F
	2700K+6500K	1235	95	F

FEATURE
· 2835 LED Warm white+cool white tunable strip
· Self-encapsulated design offers optional 2400-6500K
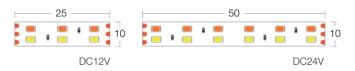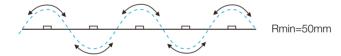· The matched control system can achieve uniform color temperature and brightness adjustment.

2400K - 6500K

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

50 — 10 — DC12V
100 — 10 — DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC12V / DC24V
Max. Power	6.5+6.5W/M
Luminous Flux (available)	93-110Lm/W
Energy efficiency Class	F
PCB Width	10mm
Cutting Unit	50mm(DC12V) 100mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	683	105	F
	6500K ONLY	715	110	F
	2700K+6500K	1390	107	F

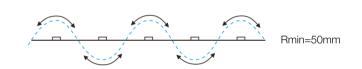| CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	605	93	F
	6500K ONLY	631	97	F
	2700K+6500K	1235	95	F

TUNABLE WHITE
SMD2835 192LED/m

FEATURE
· 2835 LED Warm white+cool white tunable strip
· Self-encapsulated design offers optional 2400-6500K
· The matched control system can achieve uniform color
  temperature and brightness adjustment.

2400K - 6500K

| 120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | CRI 80 | CRI 90 |

DRAWINGS (Unit:mm)

31.25
DC12V

62.5
DC24V

10

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 192LED/m
Voltage Input	DC12V / DC24V
Max. Power	10.5+10.5W/M
Luminous Flux (available)	93-110Lm/W
Energy efficiency Class	F
PCB Width	8 / 10mm
Cutting Unit	31.25mm(DC12V) 62.5mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Flling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	1103	105	F
	6500K ONLY	1155	110	F
	2700K+6500K	2247	107	F

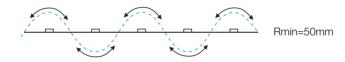| CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	977	93	F
	6500K ONLY	1018	97	F
	2700K+6500K	1995	95	F

TUNABLE WHITE
SMD2835 240LED/m

FEATURE
· 2835 LED Warm white+cool white tunable strip
· Self-encapsulated design offers optional 2400-6500K
· The matched control system can achieve uniform color
  temperature and brightness adjustment.

2400K - 6500K

| 120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | CRI 80 | CRI 90 |

DRAWINGS (Unit:mm)

25
DC12V

50
DC24V

10

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 240LED/m
Voltage Input	DC12V / DC24V
Max. Power	12.5+12.5W/M
Luminous Flux (available)	93-110Lm/W
Energy efficiency Class	F
PCB Width	10mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Flling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	1312	105	F
	6500K ONLY	1375	110	F
	2700K+6500K	2675	107	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	1163	93	F
	6500K ONLY	1212	97	F
	2700K+6500K	2375	95	F

TUNABLE WHITE
SMD2835 240LED/m

FEATURE
· 2835 LED Warm white+cool white tunable strip
· Self-encapsulated design offers optional 2400-6500K
· The matched control system can achieve uniform color temperature and brightness adjustment.

2400K - 6500K

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

DC12V   DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 240LED/m
Voltage Input	DC12V / DC24V
Max. Power	12.5+12.5W/M
Luminous Flux (available)	93-110Lm/W
Energy efficiency Class	F
PCB Width	10mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	1312	105	F
	6500K ONLY	1375	110	F
	2700K+6500K	2675	107	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	1163	93	F
	6500K ONLY	1212	97	F
	2700K+6500K	2375	95	F

TUNABLE WHITE
SMD2835 120LED/m

FEATURE
· 2835 LED Warm white+cool white tunable strip
· Self-encapsulated design offers optional 2400-6500K
· The matched control system can achieve uniform color temperature and brightness adjustment.

2400K - 6500K

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

DC12V   DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 120LED/m
Voltage Input	DC12V / DC24V
Max. Power	9+9W/M
Luminous Flux (available)	90-105Lm/W
Energy efficiency Class	F
PCB Width	8mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filling	

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	855	95	F
	6500K ONLY	945	105	F
	2700K+6500K	1800	100	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	810	90	F
	6500K ONLY	865	96	F
	2700K+6500K	1692	94	F

TUNABLE WHITE
SMD2835 180LED/m

UL | CE | TÜV | RoHS | PSE

FEATURE

· 2835 LED Warm white+cool white tunable strip
· Self-encapsulated design offers optional 2400-6500K
· The matched control system can achieve uniform color temperature and brightness adjustment.

2400K - 6500K

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

16.7 — DC12V | 8

33.3 — DC24V

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 180LED/m
Voltage Input	DC12V / DC24V
Max. Power	10+10W/M
Luminous Flux (available)	90-105Lm/W
Energy efficiency Class	F
PCB Width	10mm
Cutting Unit	16.6mm(DC12V) 33.3mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	950	95	F
	6500K ONLY	1050	105	F
	2700K+6500K	2000	100	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	900	90	F
	6500K ONLY	960	96	F
	2700K+6500K	1880	94	F

TUNABLE WHITE
SMD2835 126LED/m

UL | CE | TÜV | RoHS | PSE

FEATURE

· 2835 LED Warm white+cool white tunable strip
· Self-encapsulated design offers optional 2400-6500K
· The matched control system can achieve uniform color temperature and brightness adjustment.

2400K - 6500K

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | CRI 80 | CRI 90

DRAWINGS (Unit:mm)

55.5 — DC24V | 8

Rmin=50mm

SPECIFICATION

LED Type	SMD2835 126LED/m
Voltage Input	DC24V
Max. Power	7+7W/M
Luminous Flux (available)	95-110Lm/W
Energy efficiency Class	F
PCB Width	8mm
Cutting Unit	55.5mm(7LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2700K ONLY	735	105	F
	6500K ONLY	805	115	F
	2700K+6500K	1540	110	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2700K ONLY	665	95	F
	6500K ONLY	735	105	F
	2700K+6500K	1400	100	F

RGBX COLORFUL SERIES

RGBX color changing LED strips are 3 channels / 4 channels / 5 channels LED strips that can be connected to the lighting control system or work with the independent controller.It is widely used in residential spaces, exhibitions, leisure & entertainment environments, decoration lighting, atmosphere creation, and changes in holidays.RGBX color changing LED strips contain RGB LED strips,

- RGB/RGBW/RGBTW are available
- IP20/IP52/IP65/IP67/IP68 are available
- High density, up to 120LEDs/m
- LM80 compatible, 50000 hours lifespan

COLORFUL SERIES

RGB STRIP
SMD4040 60LED/m (3 in1)

UL | CE | TUV TÜV | RoHS | PS E

FEATURE

· Smaller size RGB SMD than 5050, fit for different sizes alum profiles.
· Integrated 3 colors in one LED, achieve smooth and colorful RGB mixing effect by RGB controller.
· Provide high brightness and uniform RGB light ilumination.

RGB | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

DC12V

DC24V

SPECIFICATION

LED Type	SMD4040 60LED/m
Voltage Input	DC12 / 24V
Max. Power	12W/M Max
LED Source	3 in 1
Color	RGB
PCB Width	8mm
Cutting Unit	50mm(DC12V) 100mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Fling	

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	4.2W	67.2	16
GREEN	520~525nm	4.0W	176	44
BLUE	465~470nm	4.0W	52.0	13
RGB	/	12.0W	288	24

RGB STRIP
SMD4040 96LED/m (3 in1)

UL | CE | TUV TÜV | RoHS | PS E

FEATURE

· Smaller size RGB SMD than 5050, fit for different sizes alum profiles.
· Integrated 3 colors in one LED, achieve smooth and colorful RGB mixing effect by RGB controller.
· Provide high brightness and uniform RGB light ilumination.

RGB | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

DC12V

DC24V
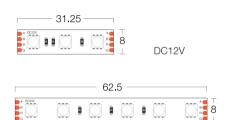
SPECIFICATION

LED Type	SMD4040 96LED/m
Voltage Input	DC24V
Max. Power	18W/M Max
LED Source	3 in 1
Color	RGB
PCB Width	8mm
Cutting Unit	31.25mm(DC12V) 62.5mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Fling	

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	6.0W	120	20
GREEN	520~525nm	5.9W	242.2	58
BLUE	465~470nm	5.8W	75.4	13
RGB	/	17.8W	534	30

RGB STRIP
SMD5050 60LED/m (3 in1)

FEATURE

· Self-encapsulated design.
· Integrated 3 colors in one LED, achieve smooth
  and colorful RGB mixing effect by RGB controller.
· Provide high brightness and uniform RGB light ilumination.
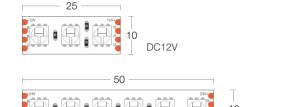· widely adaptable to all types of controllers.

RGB | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

DC12V

DC24V

SPECIFICATION
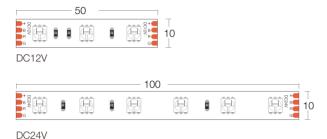
LED Type	SMD5050 60LED/m
Voltage Input	DC12 / 24V
Max. Power	14W/M Max
LED Source	3 in 1
Color	RGB
PCB Width	10mm
Cutting Unit	50mm(DC12V) 100mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	4.7W	122.2	26
GREEN	520~525nm	4.6W	354.2	77
BLUE	465~470nm	4.6W	87.4	19
RGB	/	13.8W	565.8	41

RGB STRIP
SMD5050 96LED/m (3 in1)

FEATURE

· Self-encapsulated design.
· Integrated 3 colors in one LED, achieve smooth
  and colorful RGB mixing effect by RGB controller.
· Provide high brightness and uniform RGB light ilumination.
· widely adaptable to all types of controllers.

RGB | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

DC12V

DC24V

SPECIFICATION

LED Type	SMD5050 96LED/m
Voltage Input	DC24V
Max. Power	18W/M Max
LED Source	3 in 1
Color	RGB
PCB Width	10mm
Cutting Unit	50mm(6LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	6.0W	156	26
GREEN	520~525nm	5.9W	454.3	77
BLUE	465~470nm	5.9W	112.1	19
RGB	/	17.8W	729.8	41

RGB STRIP
SMD5050 120LED/m (3 in1)

FEATURE

· Self-encapsulated design.
· Integrated 3 colors in one LED, achieve smooth
  and colorful RGB mixing effect by RGB controller.
· Provide high brightness and uniform RGB light ilumination.
· Widely adaptable to all types of controllers.

RGB | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

25
10 DC12V

50
10 DC24V

SPECIFICATION

LED Type	SMD5050 120LED/m
Voltage Input	DC12V/24V
Max. Power	19.2W/M Max
LED Source	3 in 1
Color	RGB
PCB Width	10mm
Cutting Unit	25mm(DC12V) 50mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Flling

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	6.5W	169.0	26
GREEN	520~525nm	6.3W	485.1	77
BLUE	465~470nm	6.2W	117.8	19
RGB	/	18.8W	770.8	41

RGBW STRIP
SMD5050 60LED/m (4 in1)

FEATURE

· Self-encapsulated design.
· 5050 LED RGB+white 4 chips in 1LED colorful strip.
· Widely adaptable to all types of controllers.
· Provide high brightness and uniform RGB light ilumination.

RGBW | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

50
10 DC12V

100
10 DC24V

SPECIFICATION
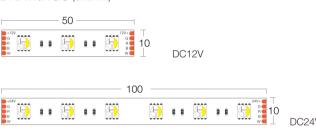
LED Type	SMD5050 60LED/m
Voltage Input	DC12V / 24V
Max. Power	17.5W/M Max
LED Source	4 in 1
Color	RGBW
PCB Width	10mm
Cutting Unit	50mm(DC12V) 100mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Flling

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	4.2W	109.2	26
GREEN	520nm	4.0W	308	77
BLUE	465nm	4.0W	76.1	19
RGB	/	12.0W	492	41
WHTIE	Base on 4000K	5.0W	440	88
RGB+W	/	17.0W	1105	65

RGBW STRIP
SMD5050 96LED/m (4 in1)

FEATURE

· Self-encapsulated design.
· 5050 LED RGB+white 4 chips in 1LED colorful strip.
· Widely adaptable to all types of controllers.
· Provide high brightness and uniform RGB light ilumination.

RGBW · Dimmable · 120° · 5m Standard Length

DRAWINGS (Unit:mm)

62.5 · 10 · DC24V

SPECIFICATION

LED Type	SMD5050 96LED/m
Voltage Input	DC24V
Max. Power	20W/M Max
LED Source	4 in 1
Color	RGBW
PCB Width	10mm
Cutting Unit	62.5mm(6LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Flling

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	4.5W	117	26
GREEN	520nm	4.3W	331.1	77
BLUE	465nm	4.3W	81.7	19
RGB	/	13W	533	41
WHTIE	Base on 4000K	6.8W	598.4	88
RGB+W	/	19.5W	1267	65

RGBCCT STRIP
SMD5050 30LED/m (5 in1)

FEATURE

· Self-encapsulated design.
· 5050 LED RGB+warm white+cool white 5 chips in 1LED
  colorful strip.
· Widely adaptable to all types of controllers.

RGBCW · Dimmable · 120° · 5m Standard Length

DRAWINGS (Unit:mm)

100 · 12 · DC12V

166.7 · 12 · DC24V

SPECIFICATION

LED Type	SMD5050 30LED/m
Voltage Input	DC12V / 24V
Max. Power	12.5W/M Max
LED Source	5 in 1
Color	RGBCCT
PCB Width	12mm
Cutting Unit	50mm(DC12V) 100mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Flling

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	2.2W	57.2	26
GREEN	520nm	2.1W	161.7	77
BLUE	465nm	2.1W	399	19
W	6500K	2.5W	175	70
WW	3000K	2.5W	220	88
RGBCW	/	11.2W	627.2	56

RGBCCT STRIP
SMD5050 60LED/m (5 in1)

FEATURE

· Self-encapsulated design.
· 5050 LED RGB+warm white+cool white 5 chips in 1LED colorful strip.
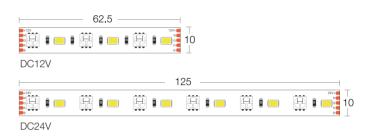· Widely adaptable to all types of controllers.

RGBCCT | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

50 / 12 — DC12V

100 / 12 — DC24V

SPECIFICATION
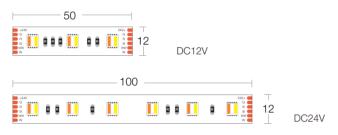
LED Type	SMD5050 60LED/m
Voltage Input	DC12V / 24V
Max. Power	21W/M Max
LED Source	5 in 1
Color	RGBCCT
PCB Width	12mm
Cutting Unit	50mm(DC12V) 100mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Flling

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	3.8W	98.8	26
GREEN	520nm	3.7W	284.9	77
BLUE	465nm	3.7W	70.3	19
W	6500K	4.8W	336	70
WW	3000K	4.8W	422.4	88
RGBCW	/	20.5W	1148	56

RGBCCT STRIP
SMD5050 96LED/m (5 in1)

FEATURE

· Self-encapsulated design.
· 5050 LED RGB+warm white+cool white 5 chips in 1LED colorful strip.
· Widely adaptable to all types of controllers.

RGBCCT | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

62.5 / 12 — DC24V

SPECIFICATION
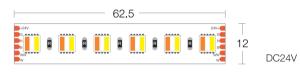
LED Type	SMD5050 96LED/m
Voltage Input	DC24V
Max. Power	26W/M Max
LED Source	5 in 1
Color	RGBCCT
PCB Width	12mm
Cutting Unit	62.5mm(6LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicone Extrusion 360° Silicon Flling

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	5.0W	130	26
GREEN	520nm	5.0W	385	77
BLUE	465nm	4.9W	93.1	19
W	6500K	5.4W	378	70
WW	3000K	5.4W	475.2	88
RGBCW	/	25.0W	1400	56

RGB+W STRIP
SMD5050+SMD2835 60LED/m

FEATURE

· Self-encapsulated design.
· 5050 LED RGB+white colorful strip.
· Widely adaptable to all types of controllers.
· Provide high brightness and uniform RGB light ilumination.

RGBW	+Dimmable	120°	5m Standard Length

DRAWINGS (Unit:mm)

100

10

DC12V

166.6

10

DC24V

SPECIFICATION

LED Type	SMD5050 RGB + SMD2835 WHITE
Voltage Input	DC12V / 24V
Max. Power	13.5W/M Max
LED Source	RGB-30LEDs W-30LEDs
Color	RGB+W
PCB Width	10mm
Cutting Unit	100mm(DC12V) 166.6mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Flling	

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	2.7W	70.2	26
GREEN	520nm	2.7W	207.9	77
BLUE	465nm	2.6W	49.4	19
RGB	/	8.0W	328	41
WHTIE	Base on 4000K	5.4W	540	100
RGB+W	/	13.2W	818.4	62

RGB+W STRIP
SMD5050+SMD2835 96LED/m

FEATURE

· Self-encapsulated design.
· 5050 LED RGB+warm white+cool white colorful strip.
· Widely adaptable to all types of controllers.

RGBW	+Dimmable	120°	5m Standard Length

DRAWINGS (Unit:mm)

62.5

10

DC12V

125

10

DC24V

SPECIFICATION

LED Type	SMD5050 RGB + SMD2835 WHITE
Voltage Input	DC12V / 24V
Max. Power	17W/M Max
LED Source	RGB-48LEDs W-48LEDs
Color	RGB+W
PCB Width	10mm
Cutting Unit	62.5mm(DC12V) 125mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Flling	

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	3.8W	98.8	26
GREEN	520nm	3.7W	284.9	77
BLUE	465nm	3.7W	70.3	19
RGB	/	11W	451	41
WHTIE	Base on 4000K	5.8W	580	100
RGB+W	/	16.5W	1023	62

RGB+W+WW
SMD5050+SMD2835 108LED/m

UL CE TÜV RoHS PSE

FEATURE

· Self-encapsulated design.
· 5050 LED RGB+warm white+cool white colorful strip.
· Widely adaptable to all types of controllers.

RGBCW | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

83.3 | 12
DC12V

166.6 | 12
DC24V

SPECIFICATION

LED Type	SMD5050 RGB + SMD2835 WHITE
Voltage Input	DC12V / 24V
Max. Power	19W/M Max
LED Source	RGB-36LEDs W-36LEDs WW-36LEDs
Color	RGB+W+WW
PCB Width	12mm
Cutting Unit	83.3mm(DC12V) 166.6mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filling

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	2.8W	16.8	26
GREEN	520nm	2.7W	207.9	77
BLUE	465nm	2.7W	51.3	19
W	6500K	5.4W	486	90
WW	3000K	5.4W	540	100
RGBCW	/	18.5W	1147	62

RGB+W+WW
SMD5050+SMD5025 72LED/m

UL CE TÜV RoHS PSE

FEATURE

· Self-encapsulated design.
· 5050 LED RGB+warm white+cool white colorful strip.
· Widely adaptable to all types of controllers.

RGBCW | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

83.3 | 12
DC12V

166.6 | 12
DC24V

SPECIFICATION

LED Type	SMD5050 RGB + SMD5025 WHITE
Voltage Input	DC12 / 24V
Max. Power	14.4W/M Max
LED Source	RGB-36LEDs W+WW-36LEDs
Color	RGB+W+WW
PCB Width	12mm
Cutting Unit	83.3mm(DC12V) 166.6mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicone Extrusion 360° Silicon Filling

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	2.8W	72.8	26
GREEN	520nm	2.7W	207.9	77
BLUE	465nm	2.7W	51.3	19
W	6500K	2.8W	224	80
WW	3000K	2.8W	266	95
RGBCW	/	14.0W	812	58

ADDRESSABLE
COLORFUL SERIES

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

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

ADDRESSABLE COLORFUL

SPI RGB
SMD5050 48LED/m DC12V

FEATURE

·By using RGB controller, it can achieve different color changing effect
 such as gradual changing, hopping, chasing and scroling effect.
·RGB strip, with good anti-interference capacity.
·Same brightness from head end to tail end, no color change.

DRAWINGS (Unit:mm)

DC12V
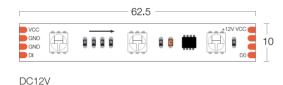
SPECIFICATION

LED Type	SMD5050 48LED/m
Voltage Input	DC12V
Max. Power	9.6W/M Max
IC Type	16703 / 2811
Color	DIGITAL RGB
PCB Width	10mm
Cutting Unit	62.5mm(3LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

| CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	3.2W	76.8	24
GREEN	520~525nm	3.2W	240	75
BLUE	465~470nm	3.2W	57.6	18
RGB	/	9.6W	365	38

SPI RGB
SMD5050 60LED/m DC12V

FEATURE

·By using RGB controller, it can achieve different color changing effect
 such as gradual changing, hopping, chasing and scroling effect.
·RGB strip, with good anti-interference capacity.
·Same brightness from head end to tail end, no color change.

DRAWINGS (Unit:mm)

DC12V

SPECIFICATION
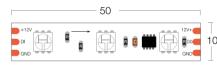
LED Type	SMD5050 60LED/m
Voltage Input	DC12V
Max. Power	12.6W/M Max
IC Type	16703 / 2811
Color	DIGITAL RGB
PCB Width	10mm
Cutting Unit	50mm(3LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	4.2W	100.8	24
GREEN	520~525nm	4.2W	29.4	75
BLUE	465~470nm	4.2W	75.6	18
RGB	/	12.6W	478.8	38

SPI RGB
SMD5050 80LED/m DC24V

FEATURE

·By using RGB controller, it can achieve different color changing effect such as gradual changing, hopping, chasing and scroling effect.
·SPI RGB strip, with good anti-interference capacity.
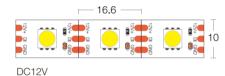·Same brightness from head end to tail end, no color change.

RGB | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

62.5
10/12
DC24V

SPECIFICATION

LED Type	SMD5050 80LED/m
Voltage Input	DC24V
Max. Power	18W/M Max
IC Type	16703 / 2811
Color	DIGITAL RGB
PCB Width	10/12mm
Cutting Unit	62.5mm(5LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	6.2W	148.8	24
GREEN	520~525nm	6.2W	465.0	75
BLUE	465~470nm	6.2W	111.6	18
RGB	/	18.0W	684.0	38

SPI RGBW
SMD5050 60LED/m DC24V

FEATURE

·By using RGBW controller, it can achieve different color changing effect such as gradual changing, hopping, chasing and scroling effect.
·SPI RGBW strip, with good anti-interference capacity.
·Same brightness from head end to tail end, no color change.

RGB | Dimmable | 120° | 5m Standard Length

DRAWINGS (Unit:mm)

100
10
DC24V

SPECIFICATION

LED Type	SMD5050 60LED/m
Voltage Input	DC24V
Max. Power	29.5W/M Max
IC Type	1814
Color	DIGITAL RGBW
PCB Width	10mm
Cutting Unit	100mm(6LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof
IP64	Spray thin glue
IP64	PU/Silicone Coating
IP65	Silicone Extrusion
IP67	Silicon Pouring
IP68	Silicon Extrusion 360° Silicon Filing

PHOTOMETRICS

CCT	Wavelength/CCT	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	7.3W	175.2	24
GREEN	520nm	7.3W	547.5	75
BLUE	465nm	7.3W	131.4	18
RGB	/	21W	798.0	38
WHTIE	Base on 4000K	7.3W	642.4	88
RGB+W	/	29.2W	1430	49
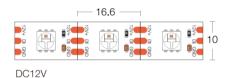
SPI RGB

SMD5050 (Build-in IC) 60LED/m DC12V

[UL] [CE] [TUV SUD] [RoHS] [PS E]

FEATURE

·By using RGB controller, it can achieve different color changing effect
 such as gradual changing, hopping, chasing and scroling effect.
·Build-in IC RGB strip, with good anti-interference capacity.
·Same brightness from head end to tail end, no color change.

[RGB] [Dimmable] [120°] [5m Standard Length]

DRAWINGS (Unit:mm)

16.6

10

DC12V

SPECIFICATION

LED Type	SMD5050 60LED/m
Voltage Input	DC12V
Max. Power	7.9W/M
IC Type	2812 / 6812
Color	DIGITAL RGB
PCB Width	10mm
Cutting Unit	16.6mm(1LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	7.9W	189.6	24
GREEN	520~525nm	7.9W	592.5	75
BLUE	465~470nm	7.9W	142.2	18
RGB	/	7.9W	300.2	38

SPI RGB

SMD5050 (Build-in IC) 144LED/m DC12V
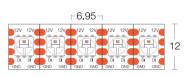
[UL] [CE] [TUV SUD] [RoHS] [PS E]

FEATURE

·By using RGB controller, it can achieve different color changing effect
 such as gradual changing, hopping, chasing and scroling effect.
·Build-in IC RGB strip, with good anti-interference capacity.
·Same brightness from head end to tail end, no color change.

[RGB] [Dimmable] [120°] [5m Standard Length]

DRAWINGS (Unit:mm)

6.95

12

DC12V

SPECIFICATION

LED Type	SMD5050 144LED/m
Voltage Input	DC12V
Max. Power	18W/M Max
IC Type	2812 / 6812
Color	DIGITAL RGB
PCB Width	12mm
Cutting Unit	6.95mm(1LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Filing	

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620~625nm	18W	432	24
GREEN	520~525nm	18W	1350	75
BLUE	465~470nm	18W	324	18
RGB	/	18W	684	38

SPI WHITE
SMD5050 (Build-in IC) 60LED/m DC12V

FEATURE

·By using smart controller, it can achieve different color changing effect
  such as gradual changing, hopping, chasing and scroling effect.
·Single color strip, with good anti-interference capacity.
·Same brightness from head end to tail end, no color change.

2400K 2700K 3000K 4000K 6500K | CRI 80

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

16.6 | 10

DC12V

SPECIFICATION

LED Type	SMD5050 60LED/m
Voltage Input	DC12V
Max. Power	7.9W/M Max
IC Type	2812 / 6812
Color	2700K/4500K/6500K DIGITAL WHITE
PCB Width	10mm
Cutting Unit	16.6mm(1LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Flling	

PHOTOMETRICS

CCT	CRI	Power	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>90	7.9W	592.5	75	G
3000K	>90	7.9W	632.0	80	G
4000K	>90	7.9W	695.2	88	G
6500K	>90	7.9W	711.0	90	G

SPI WHITE
SMD2835 126LED/m DC12V

FEATURE

·By using smart controller, it can achieve different color changing effect
  such as gradual changing, hopping, chasing and scroling effect.
·Single color strip, with good anti-interference capacity.
·Same brightness from head end to tail end, no color change.

2400K 2700K 3000K 4000K 6500K | CRI 80 | CRI 90

120° | SDCM 3 | Dimmable | 1 BIN | 5m Standard Length

DRAWINGS (Unit:mm)

71.43 | 10

DC12V

SPECIFICATION

LED Type	SMD2835 126LED/m
Voltage Input	DC12V
Max. Power	8.9W/M Max
IC Type	16703
Color	2700K/4500K/6500K DIGITAL WHITE
PCB Width	10mm
Cutting Unit	71.43mm(9LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP20	Non Waterproof	
IP64	Spray thin glue	
IP64	PU/Silicone Coating	
IP65	Silicone Extrusion	
IP67	Silicon Pouring	
IP68	Silicon Extrusion 360° Silicon Flling	

PHOTOMETRICS

CCT	CRI	Power	Lumen(Lm/m)	Efficacy(Lm/W)	Energy Efficiency Class
2700K	>80	8.9W	801.0	90	G
3000K	>80	8.9W	845.5	95	F
4000K	>80	8.9W	890.0	100	F
6500K	>80	8.9W	934.5	105	F

WALL WASHER

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

WALL WASHER

WALL WASHER
SMD5050 60LED/m LED STRIP

FEATURE

. Multiple angles, different beam angles for different environments.
. Can replace the traditional LED Tape Light to achieve the effect of wall-washing,can also be used as a cabinet lamp or household lighting.

2400K 2700K 3000K 4000K 6500K | CRI 80 | CRI 90
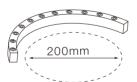
SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | 30° Beam Angle | 45° Beam Angle

DRAWINGS (Unit:mm)

100

DC24V

Rmin=80mm

SPECIFICATION
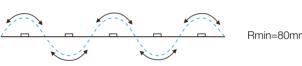
LED Type	SMD5050 60LED/m
Voltage Input	DC24V
Max. Power	13.5W/M
Luminous Flux (available)	88-116Lm/W
Energy efficiency Class	G / F
PCB Width	10mm
Cutting Unit	100mm(6LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

| IP20 | Non Waterproof | |
| IP67 | Silicon Pouring | |

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1296	96	F	>90	2400K	1188	88	G
	2700K	1417	105	F		2700K	1242	92	F
	3000K	1498	111	F		3000K	1323	98	F
	4000K	1566	116	E		4000K	1390	103	F
	6500K	1553	115	E		6500K	1445	107	F

RGB WALL WASHER
SMD5050 60LED/m LED STRIP

FEATURE

. Multiple angles, different beam angles for different environments.
. Can replace the traditional LED Tape Light to achieve the effect of wall-washing,can also be used as a cabinet lamp or household lighting.

RGB | Dimmable | 5m Standard Length | 30° Beam Angle | 45° Beam Angle

DRAWINGS (Unit:mm)

100

DC24V

Rmin=80mm

SPECIFICATION
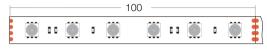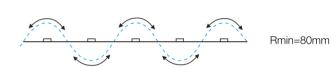
LED Type	SMD5050 60LED/m
Voltage Input	DC24V
Max. Power	12W/M Max
LED Source	3 in 1
Color	RGB
PCB Width	10mm
Cutting Unit	100mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

| IP20 | Non Waterproof | |
| IP67 | Silicon Pouring | |

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	3.9W	128	33
GREEN	520nm	4.1W	312	76
BLUE	465nm	4.0W	76	19
RGB	/	12.0W	492	41

WALL WASHER
SMD3030 36LED/m LED STRIP
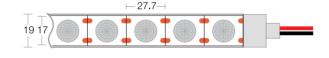
UL CE TUV RoHS PSE

FEATURE
. Multiple angles, different beam angles for different environments.
. Can replace the traditional LED Tape Light to achieve the effect of wall-washing,can also be used as a cabinet lamp or household lighting.

2400K 2700K 3000K 4000K 6500K

CRI 80 CRI 90

SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | 30° Beam Angle | 45° Beam Angle

DRAWINGS (Unit:mm)

DC24V

27.7

19 17

SPECIFICATION
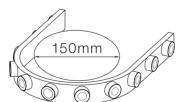
LED Type	SMD3030 36LED/m
Voltage Input	DC24V
Max. Power	18W/M
Luminous Flux (available)	80-109Lm/W
Energy efficiency Class	G / F
PCB Width	17mm
Cutting Unit	27.7mm(1LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP67   Silicon Pouring

150mm

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class	CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1819	96	F	>90	2400K	1360	80	G
	2700K	1905	98	F		2700K	1479	85	G
	3000K	1989	105	F		3000K	1530	90	G
	4000K	2040	109	F		4000K	1650	102	F
	6500K	2058	107	F		6500K	1735	97	F

RGB WALL WASHER
SMD3030 36LED/m LED STRIP

UL CE TUV RoHS PSE

FEATURE
. Multiple angles, different beam angles for different environments.
. Can replace the traditional LED Tape Light to achieve the effect of wall-washing,can also be used as a cabinet lamp or household lighting.

RGB | Dimmable | 5m Standard Length | 30° Beam Angle | 45° Beam Angle

DRAWINGS (Unit:mm)

DC24V

166.6

19 17

SPECIFICATION
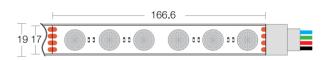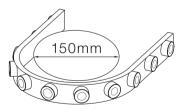
LED Type	SMD3030 36LED/m
Voltage Input	DC24V
Max. Power	18W/M Max
LED Source	3 in 1
Color	RGB
PCB Width	17mm
Cutting Unit	166mm(DC24V)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP67   Silicon Pouring

150mm

PHOTOMETRICS

CCT	Wavelength	Power	Lumen(Lm/m)	Efficacy(Lm/W)
RED	620nm	6.0W	156	26
GREEN	520nm	6.0W	390	65
BLUE	465nm	6.0W	72	12
RGB	/	18.0W	540	30

WALL WASHER
SMD2835 48LED/m LED STRIP

FEATURE
. Multiple angles, different beam angles for different environments.
. Can replace the traditional LED Tape Light to achieve the effect of
  wall-washing,can also be used as a cabinet lamp or household lighting.

2400K 2700K 3000K 4000K 6500K | CRI 80 | CRI 90

SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | 30° Beam Angle | 45° Beam Angle

DRAWINGS (Unit:mm)
DC24V

41.66
16 15

SPECIFICATION

LED Type	SMD2835 48LED/m
Voltage Input	DC24V
Max. Power	15W/M
Luminous Flux (available)	102-129Lm/W
Energy efficiency Class	F / E
PCB Width	15mm
Cutting Unit	41.66mm(2LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP65   Silicone Extrusion

200mm

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1620	112	F
	2700K	1755	123	E
	3000K	1845	126	E
	4000K	1890	129	E
	6500K	1860	127	E

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1530	102	F
	2700K	1725	115	F
	3000K	1936	121	E
	4000K	1890	126	E
	6500K	1780	118	E

WALL WASHER
SMD2835 140LED/m LED STRIP

FEATURE
. Multiple angles, different beam angles for different environments.
. Can replace the traditional LED Tape Light to achieve the effect of
  wall-washing,can also be used as a cabinet lamp or household lighting.

2400K 2700K 3000K 4000K 6500K | CRI 80 | CRI 90

SDCM 3 | Dimmable | 1 BIN | 5m Standard Length | 30° Beam Angle | 45° Beam Angle

DRAWINGS (Unit:mm)
DC24V

50
13 10

SPECIFICATION

LED Type	SMD2835 140LED/m
Voltage Input	DC24V
Max. Power	14W/M
Luminous Flux (available)	72-109Lm/W
Energy efficiency Class	G / F
PCB Width	10mm
Cutting Unit	50mm(7LED)
Copper foil	2oz / 3oz

PROTECTION LEVEL

IP67   Silicon Pouring

200mm

PHOTOMETRICS

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>80	2400K	1232	88	G
	2700K	1302	93	F
	3000K	1344	96	F
	4000K	1526	109	F
	6500K	1428	102	F

CRI	CCT	LM/m	LM/W	Energy Efficiency Class
>90	2400K	1008	72	G
	2700K	1190	85	G
	3000K	1260	90	G
	4000K	1428	102	F
	6500K	1330	95	F

NEON FLEX

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

NEON TUBE PRODUCTION PROCESS COMPARISON

Integrated extrusion & Hollow Neon Tube Comparison

Integrated Extrusion Neon Flex

- Combines the light source and housing into a single seamless structure.

- Lengths up to 50 meters, support for large-scale application.

- Durable construction minimi zes the need for frequent replacements or repairs.

- Provides smooth, dot-free illumination for a sleek appearance.

- Suggest for large quantity with good prices.

VS

Hollow Silicone Neon Tube

Without being integrated with the silicone tube, the strip may loosen or shift, leading to light dots and uneven brightness.

Maximum length up to 5 meters, more labour cost.

The structure is weaker and feels softer.

Independent production may lead to slightly less stable product quality and inconsistent parameters.

More flexibility for customization, small quantity first choice.

SURFACE TREATMENT PROCESS

Before surface treatment
Glossy, attracts dust easily, and is hard to clean.

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

After surface treatment and with prolonged use
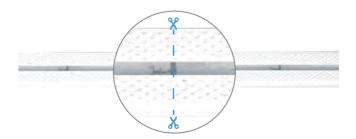
Before cleaning,
it significantly reduces light output.
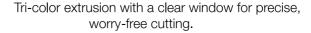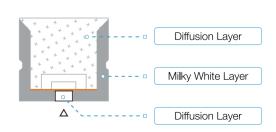
After cleaning, it becomes clear and transparent, providing uniform light distribution.
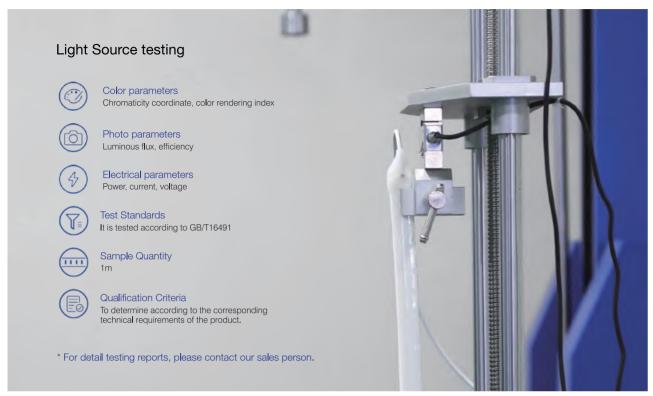
ADVANTAGES OF EXTRUSION

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

Diffusion Layer

Milky White Layer

Diffusion Layer

LED NEON TESTING

Light Source testing

Color parameters
Chromaticity coordinate, color rendering index

Photo parameters
Luminous flux, efficiency

Electrical parameters
Power, current, voltage

Test Standards
It is tested according to GB/T16491

Sample Quantity
1m

Qualification Criteria
To determine according to the corresponding
technical requirements of the product.

* For detail testing reports, please contact our sales person.

Temperature & Humidity

Test Condition
High temperature 80°C/humidity 85% 4H, normal
temperature 20°C 30 minutes/low temperature -40°C
4H, continuous cycle, and the rated operating voltage
is switched once every one hour.

Test Time / Sample Quantity
360 hours , 1m

Test Result
No dead light, no cracking, no embrittlement or other
damage.

PRODUCT FEATURES

Long operational length
Our DC LED light can be 5m even can span for lengths up to
30m [98.4 ft] in double feed (some models).
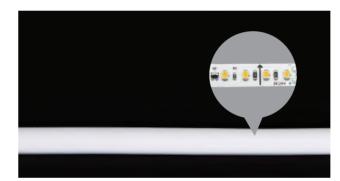
Perfect for outdoor
IP67 protect against dust, water, and condensation in outdoor
operation.

UV resistance makes it protect from harsh sunlight.

LED light source
Saturated, homogeneous linear LED strip light as light source inside
for the look of neon with more energy saving and longer lifespan.
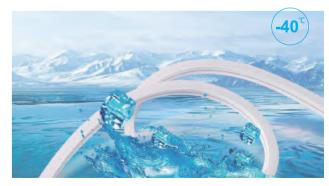
Make it colorful
There are transparent sleeve, milky white sleeve and color sleeve to
choose from

Easy to Install
Mounting clip accessories available to increase the versality
of the system.
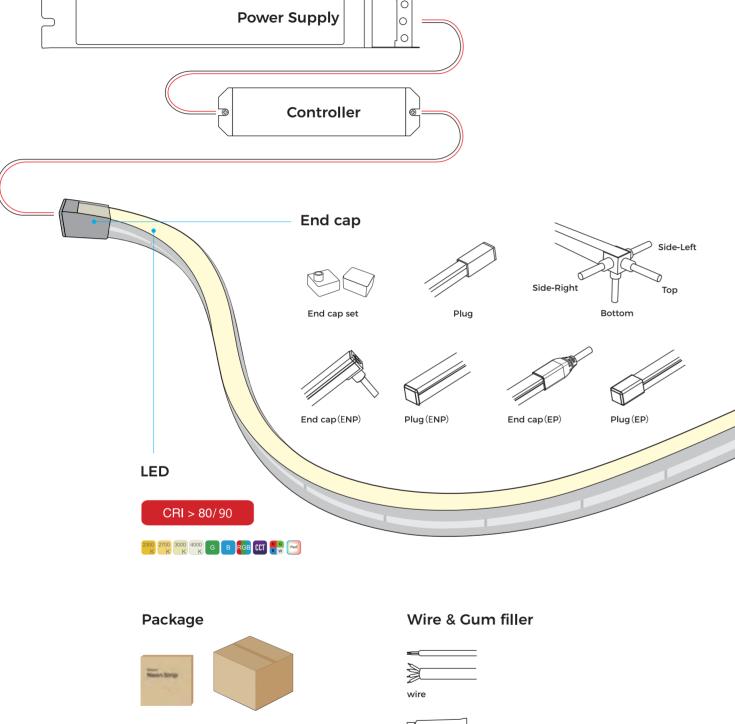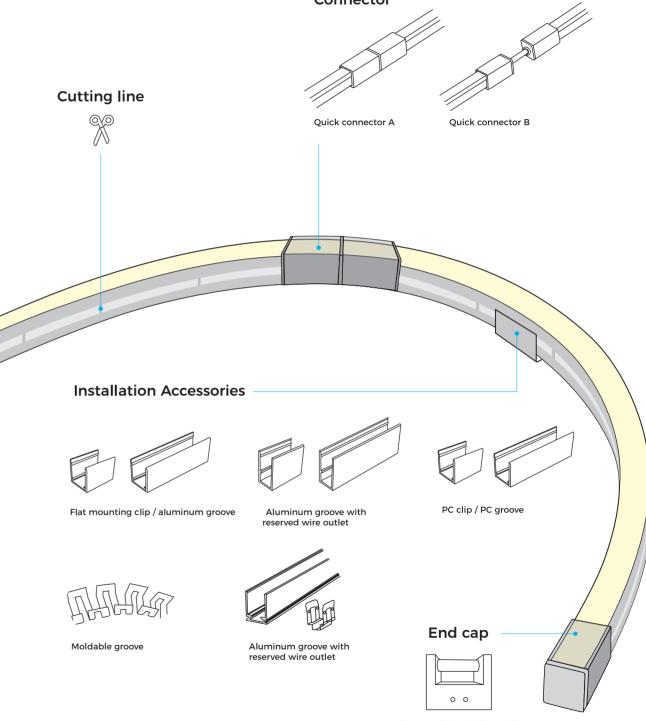
Low temperature resistance
Colloid under the conditions of -40 ℃ with no significant
changes in colloidal characteristics

Power Supply

Controller

End cap

End cap set

Plug

Side-Left
Side-Right
Top
Bottom

End cap（ENP）

Plug（ENP）

End cap（EP）

Plug（EP）

LED

CRI > 80/90

2300 K | 2700 K | 3000 K | 4000 K | G | B | RGB | CCT | W | Pixel

Package

Wire & Gum filler

wire

Gum filler

Cutting line

Connector

Quick connector A

Quick connector B

Installation Accessories

Flat mounting clip / aluminum groove

Aluminum groove with reserved wire outlet

PC clip / PC groove

Moldable groove

Aluminum groove with reserved wire outlet

End cap

IP PROCESS TECHNOLOGY

IP67
(Screwless end cap)

IP67
(Standard silicone end cap)

IP67
(Seamless end cap)

IP68
(Silicone neon)

DC24V

IP68
(PU neon)

IP67 screwless end cap deconstruction diagram

Orange Lock

NEON

Clear Acrylic Sleeve

Waterproof Gasket

Transparent Lock

Quick-connect Cable

IP67 seamless end cap without dark area

Linear interconnection without dark area
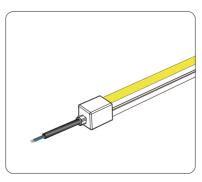
Curve interconnection of lighting outward without dark area
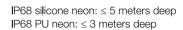
Curve interconnection of lighting outward without dark area

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

Pool

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

SIDE BEND NEON

SIDE BEND
NEON

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

MINI SIDE BENDING

04x08mm
WHITE

· Extrusion process, lights soft and uniform.
· 3.5mm wide with ultra narrow output.
· Bendable at horizontal direction.
· Robust housing with high quality silicon,
  UV proof for true outdoor application.
· Cuttable for flexible application.

Accessories

| End cap | End cap (Side Exit) | End cap (Bottom Exit) | End cap | 3cm Aluminum channel | 1m Aluminum channel |

Correct bending way

Φ>60mm 2.36''

2400K 2700K 3000K 4000K 6500K

Technical Details	04x08mm White 8W
Product NO.	LN0408S-5mm-XXXK
Voltage	DC24V
Power	8W/M
CRI	80 / 90 (2835LEDs)
Led Qty	140LEDs/M
Cutting Length	50mm
IP Grade	IP67
Length/Reel	5050mm
Color temperature	● 2700K ● 3000K ● 4000K ○ 6000K
Lumens (CRI80)	160lm/m 185lm/m 215lm/m 210lm/m

END CAP

Ordinary
End Cap

DRAWINGS (Unit:mm)

6.5mm

4mm
Light surface

300mm

10.5mm

8mm

9.5mm   Cutting length:50mm

9.5mm

15.5mm

8±0.15

4±0.15

**Milky +
Translucent
Silicone**
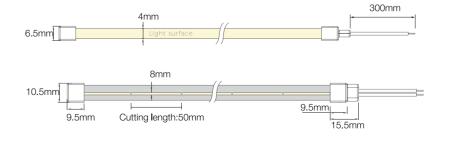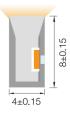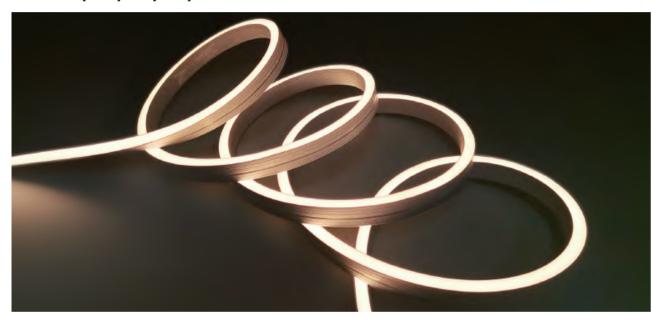
Please contact our sales for the latest details and certifications

MINI SIDE BENDING

04x10mm

WHITE / R / G / B / P

· 4mm light-emitting surface, uniform light,dot free.
· Side emitting, meet a variety of side bending light shape.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Easy installation with clips and bendable track.
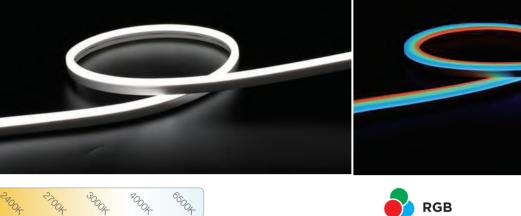· Cuttable for flexible application.

UL CE TUV RoHS PSE Erp 120° 1BIN

Correct bending way

Φ>60mm 2.36''

Accessories

End cap | End cap (Side Exit) | End cap (Bottom Exit) | End cap | 3cm Aluminum channel | 1m Aluminum channel

2400K 2700K 3000K 4000K 6500K

Technical Details	04x10mm White 9W
Product NO.	LN0410S-6mm-XXXK
Voltage	DC24V
Power	9W/M
CRI	80 / 90 (2835LEDs)
Led Qty	140LEDs/M
Cutting Length	50mm
IP Grade	IP67
Length/Reel	5050mm
Color temperature	●2700K ●3000K ●4000K ○6000K
Lumens (CRI80)	260lm/m 295lm/m 325lm/m 320lm/m

END CAP

Ordinary
End Cap

DRAWINGS (Unit:mm)

6mm
4mm
Light surface
300mm

11.5mm
10mm
9.5mm
9.5mm Cutting length:50mm
15.5mm

10±0.15
4±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

SIDE BENDING

06x12mm
WHITE / RGB

· 6mm light-emitting surface, uniform light,dot free.
· Side emitting, meet a variety of side bending light shape.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Easy installation with clips and bendable track.
· Cuttable for flexible application.

UL CE TÜV SGS RoHS PSE Erp 120° 1 BIN

Correct bending way
Φ>60mm 2.36''

Accessories

End cap | End cap (Side Exit) | End cap (Bottom Exit) | End cap | 3cm Aluminum channel | 1m Aluminum channel | Moldable mounting groove

---

2400K 2700K 3000K 4000K 6500K

RGB

Technical Details	06x12mm White 10W				06x12mm RGB 10W		
Product NO.	LN0612S-8mm-XXXK				LN0612S-8mm-RGB		
Voltage	DC24V				DC24V		
Power	10W/M				10W/M		
CRI	80 / 90 (2835LEDs)				– (4040LEDs)		
Led Qty	140LEDs/M				96LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	R ●	G ●	B ●
Lumens (CRI80)	350lm/m	375lm/m	415lm/m	410lm/m	23lm/m	67lm/m	12lm/m

END CAP

Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

8mm 6mm 300mm
Light surface

14mm 12mm
12mm Cutting length 15.5mm

12±0.15
6±0.15

Milky +
Translucent
Silicone

Please contact our sales for the latest details and certifications

SIDE BENDING

08x16mm
WHITE / RGB

· 8mm light-emitting surface, uniform light, dot free.
· Side emitting, meet a variety of side bending light shape.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Easy installation with clips and bendable track.
· Cuttable for flexible application.

UL CE TÜV SÜD RoHS PS E Erp 120° 1 BIN

Correct bending way

Φ>60mm 2.36''

Accessories

End cap | End cap (Side Exit) | End cap (Bottom Exit) | End cap | 3cm Aluminum channel | 1m Aluminum channel | Moldable mounting groove

2400K 2700K 3000K 4000K 6500K

🔴🟢🔵 RGB

Technical Details	08x16mm White 12W				08x16mm RGB 12W
Product NO.	LN0816S-8mm-XXXK				LN0816S-8mm-RGB
Voltage	DC24V				DC24V
Power	12W/M				12W/M
CRI	80 / 90 (2835LEDs)				— (4040LEDs)
Led Qty	140LEDs/M				96LEDs/M
Cutting Length	50mm				62.5mm
IP Grade	IP67				IP67
Length/Reel	5050mm				5050mm
Color temperature	●2700K	●3000K	●4000K	○6000K	R ● G ● B ●
Lumens (CRI80)	310lm/m	340lm/m	385lm/m	370lm/m	21lm/m 59lm/m 12lm/m

END CAP
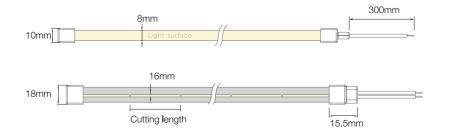
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

8mm
10mm
Light surface
300mm

18mm
16mm
Cutting length
15.5mm

16±0.15
8±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

SIDE BENDING

10x18mm
WHITE / Tunable CCT

· 10mm light-emitting surface, uniform light, dot free.
· Side emitting, meet a variety of side bending light shape.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Easy installation with clips and bendable track.
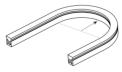· Cuttable for flexible application.

UL CE TUV SUD RoHS PSE Erp 120° 1 BIN

Correct bending way

Φ>80mm 3.15''

Accessories

| End cap | End cap (Side Exit) | End cap (Bottom Exit) | End cap | 3cm Aluminum channel | 1m Aluminum channel | Moldable mounting groove |

| 2400K | 2700K | 3000K | 4000K | 6500K |

2400K - 6500K
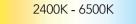
Technical Details	10x18mm White 12W				10x18mm Tunable CCT 19.5W		
Product NO.	LN1018S-10mm-XXXK				LN1018S-10mm-CCT		
Voltage	DC24V				DC24V		
Power	12W/M				19.5W/M		
CRI	80 / 90 (2835LEDs)				80 / 90 (2835LEDs)		
Led Qty	140LEDs/M				192LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	● 2700K	○ 6000K	○ 2700K+6000K
Lumens (CRI80)	315lm/m	330lm/m	365lm/m	360lm/m	315lm/m	360lm/m	610lm/m

END CAP
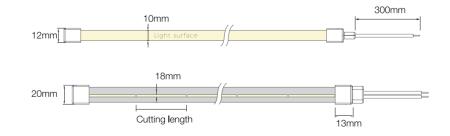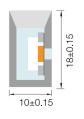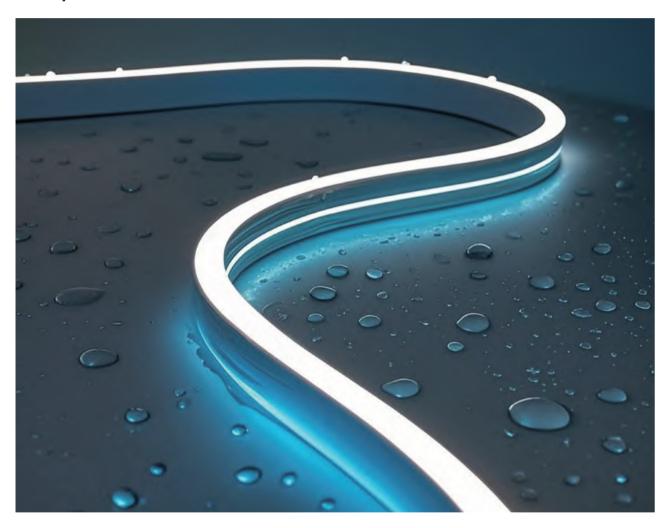
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

10mm
12mm Light surface
300mm

20mm
18mm
Cutting length
13mm

18±0.15
10±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

SIDE BENDING

10x18mm
RGB / RGBW

RGB

Technical Details — **10x18mm RGB 14.4W**

Product NO.	LN1018-10mm-RGB
Voltage	DC24V
Power	14.4W/M
CRI	/ (5050LEDs)
Led Qty	96LEDs/M
Cutting Length	62.5mm
IP Grade	IP67
Length/Reel	5050mm

Color temperature	● R	● G	● B	● RGB
Lumens (CRI80)	36lm/m	99lm/m	20lm/m	140lm/m

RGBW

10x18mm RGBW 14.4W

LN1018-10mm-RGBW	
DC24V	
14.4W/M	
/ (5050LEDs)	
96LEDs/M	
62.5mm	
IP67	
5050mm	

● R	● G	● B	● WHITE
33lm/m	89lm/m	19lm/m	175lm/m

END CAP
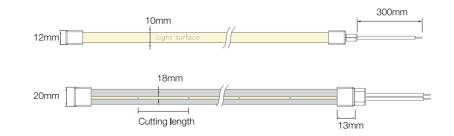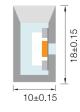
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

10mm
Light surface
12mm
300mm

20mm
18mm
Cutting length
13mm

18±0.15
10±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

Accessories

End exit	Bottom Exit	End cap	Circular hoop	1m Aluminum channel	3cm Stainless steel channel	1m Stainless steel channel	3cm Aluminum channel

SIDE BENDING

12x20mm
WHITE / Tunable CCT

- · 12mm light-emitting surface, uniform light,dot free.
- · Side emitting, meet a variety of side bending light shape.
- · Robust housing with high quality silicon, UV proof for true outdoor application.
- · Easy installation with clips and bendable track.
- · Cuttable for flexible application.

UL CE TÜV SÜD RoHS PSE Erp 120° 1BIN

Correct bending way

Φ>80mm 3.15''

Accessories

| End cap | End cap (Side Exit) | End cap (Bottom Exit) | End cap | 3cm Aluminum channel | 1m Aluminum channel | Moldable mounting groove |

2400K 2700K 3000K 4000K 6500K

2400K - 6500K

Technical Details	12x20mm White 14W				12x20mm Tunable CCT 19.5W		
Product NO.	LN1220S-10mm-XXXK				LN1220-10mm-CCT		
Voltage	DC24V				DC24V		
Power	14W/M				19.5W/M		
CRI	80 / 90 (2835LEDs)				80 / 90 (2835LEDs)		
Led Qty	140LEDs/M				192LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	● 2700K	○ 6000K	○ 2700K+6000K
Lumens (CRI80)	330lm/m	365lm/m	390lm/m	395lm/m	330lm/m	395lm/m	720lm/m

END CAP
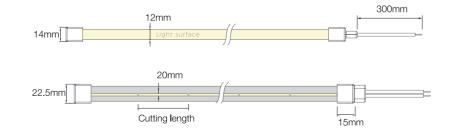
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

14mm 12mm Light surface 300mm

22.5mm 20mm Cutting length 15mm

20±0.15 12±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

SIDE BENDING
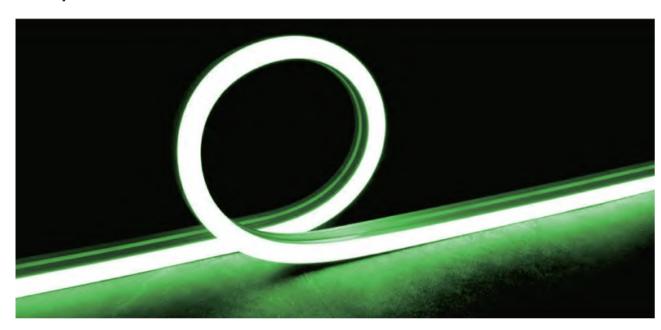
12x20mm
RGB / RGBW

· Seamless and uniform light output, dot free Bendable at horizontal direction.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Cut-able for flexible application, easy installation with clips and bendable track.
· 4 in1 SMD,5 in1 SMD, can achieve a variety of colors.

UL CE TÜV SÜD RoHS PSE Erp 120° 1 BIN

Correct bending way

Φ>80mm 3.15''

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

Technical Details	12x20mm RGB 14.4W				12x20mm RGBW 14.4W			
Product NO.	LN1220-10mm-RGB				LN1220-10mm-RGBW			
Voltage	DC24V				DC24V			
Power	14.4W/M				14.4W/M			
CRI	/ (5050LEDs)				/ (5050LEDs)			
Led Qty	96LEDs/M				96LEDs/M			
Cutting Length	62.5mm				62.5mm			
IP Grade	IP67				IP67			
Length/Reel	5050mm				5050mm			
Color temperature	● R	● G	● B	● RGB	● R	● G	● B	● WHITE
Lumens (CRI80)	39lm/m	102lm/m	22lm/m	145lm/m	35lm/m	92lm/m	20lm/m	195lm/m

58lm/m	150lm/m	37lm/m
17lm/ft	45lm/ft	11lm/ft
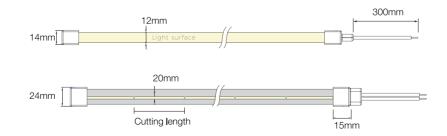
END CAP

Ordinary End Cap		Mold end cap	

DRAWINGS (Unit:mm)

14mm 12mm Light surface 300mm

24mm 20mm Cutting length 15mm

20±0.15 12±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

THREE FACE VIEW
SIDE BENDING

05x12mm
WHITE / R/G/B

· 5mm light-emitting surface, uniform light,dot free.
· Side emitting, meet a variety of side bending light shape.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Easy installation with clips and bendable track.
· Cuttable for flexible application.

UL CE TÜV SGS RoHS PSE Erp 120° 1 BIN

Correct bending way

Φ>60mm 2.36''

Accessories

| End cap | End cap (Side Exit) | End cap (Bottom Exit) | End cap | 3cm Aluminum channel | 1m Aluminum channel | Moldable mounting groove |

2400K 2700K 3000K 4000K 6500K

Technical Details   05x12mm White 9W

Product NO.	LN0512FS-6mm-XXXK
Voltage	DC24V
Power	9W/M
CRI	80 / 90 (2835LEDs)
Led Qty	140LEDs/M
Cutting Length	50mm
IP Grade	IP67
Length/Reel	5050mm
Color temperature	● 2700K ● 3000K ● 4000K ○ 6000K
Lumens (CRI80)	330lm/m 365lm/m 390lm/m 395lm/m

END CAP
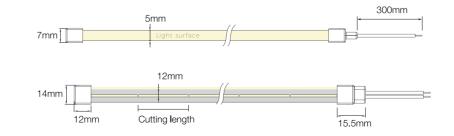
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

7mm

5mm
Light surface

300mm

14mm

12mm

12mm Cutting length

15.5mm

12±0.15

5±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

DOME LIGHTING
NEON

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

DOME LIGHTING

DOME LIGHTING

06x13mm
WHITE / RGB

· 6mm light-emitting surface, uniform light,dot free.
· Side emitting, meet a variety of side bending light shape.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Easy installation with clips and bendable track.
· Cuttable for flexible application.

UL CE TÜV SÜD RoHS PSE Erp 120° 1 BIN

Correct bending way

φ>60mm 2.36''

Accessories

Power supply connector | Silicone End(Left side exit) | Silicone End(Right side exit) | Silicone End(Bottom exit) | Moldable mounting groove | 3cm Stainless steel channel | 1m Stainless steel channel

---

2400K 2700K 3000K 4000K 6500K

RGB

Technical Details	06x13mm White 10W	06x13mm RGB 10W
Product NO.	LN0613DS-8mm-XXXK	LN0613DS-8mm-RGB
Voltage	DC24V	DC24V
Power	10W/M	10W/M
CRI	80 / 90 (2835LEDs)	— (4040LEDs)
Led Qty	140LEDs/M	96LEDs/M
Cutting Length	50mm	62.5mm
IP Grade	IP67	IP67
Length/Reel	5050mm	5050mm
Color temperature	●2700K ●3000K ●4000K ○6000K	R● G● B●
Lumens (CRI80)	260lm/m 275lm/m 305lm/m 310lm/m	23lm/m 65lm/m 18lm/m

END CAP

Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

10mm
6mm
Light surface
7.9mm 300mm
7.9

13mm
300mm
Cutting length:50mm
10mm

13±0.15
6±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications
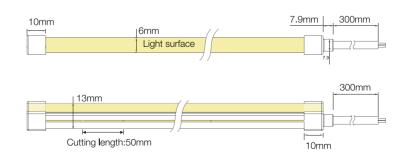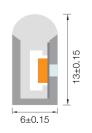
DOME LIGHTING

08x16mm
WHITE / RGB

- · 8mm light-emitting surface, uniform light,dot free.
- · Side emitting, meet a variety of side bending light shape.
- · Robust housing with high quality silicon, UV proof for true outdoor application.
- · Easy installation with clips and bendable track.
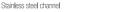- · Cuttable for flexible application.

Accessories

| Power supply connector | Silicone End(Left side exit) | Silicone End(Right side exit) | Silicone End(Bottom exit) | Moldable mounting groove | 3cm Stainless steel channel | 1m Stainless steel channel |

Technical Details	08x16mm White 12W				08x16mm RGB 10W		
Product NO.	LN0816DS-8mm-XXXK				LN0816DS-8mm-RGB		
Voltage	DC24V				DC24V		
Power	12W/M				10W/M		
CRI	80 / 90 (2835LEDs)				—		
Led Qty	140LEDs/M				96LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	R ●	G ●	B ●
Lumens (CRI80)	360lm/m	395lm/m	435lm/m	430lm/m	33lm/m	101lm/m	23lm/m

END CAP
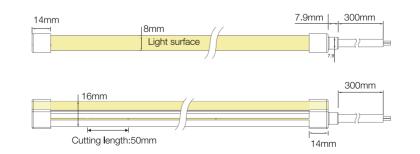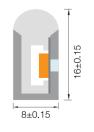
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

14mm
8mm
Light surface
7.9mm
300mm
7.9

16mm
300mm
Cutting length:50mm
14mm

16±0.15
8±0.15

Milky + Translucent Silicone
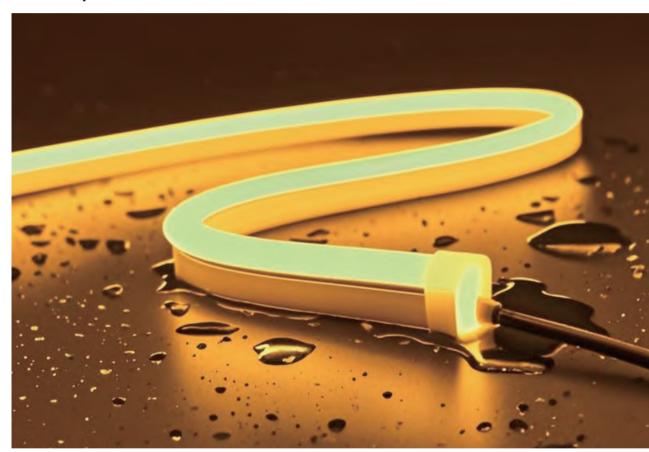
Please contact our sales for the latest details and certifications

DOME LIGHTING

10x23mm
WHITE / RGB

· 13mm light-emitting surface, uniform light,dot free.
· Side emitting, meet a variety of side bending light shape.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Easy installation with clips and bendable track.
· Cuttable for flexible application.

Correct bending way

Φ>80mm 3.15''

Accessories

| Power supply connector | Silicone End(Left side exit) | Silicone End(Right side exit) | Silicone End(Bottom exit) | Moldable mounting groove | 3cm Stainless steel channel | 1m Stainless steel channel |

2400K 2700K 3000K 4000K 6500K

RGB

Technical Details	10x23mm White 12W				10x23mm RGB 12W		
Product NO.	LN1023DS-10mm-XXXK				LN1023DS-10mm-RGB		
Voltage	DC24V				DC24V		
Power	12W/M				12W/M		
CRI	80 / 90 (2835LEDs)				–		
Led Qty	140LEDs/M				120LEDs/M		
Cutting Length	50mm				50mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	●2700K	●3000K	●4000K	○6000K	R ●	G ●	B ●
Lumens (CRI80)	395lm/m	410lm/m	435lm/m	430lm/m	39lm/m	115lm/m	29lm/m

END CAP
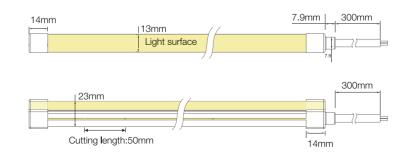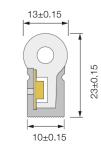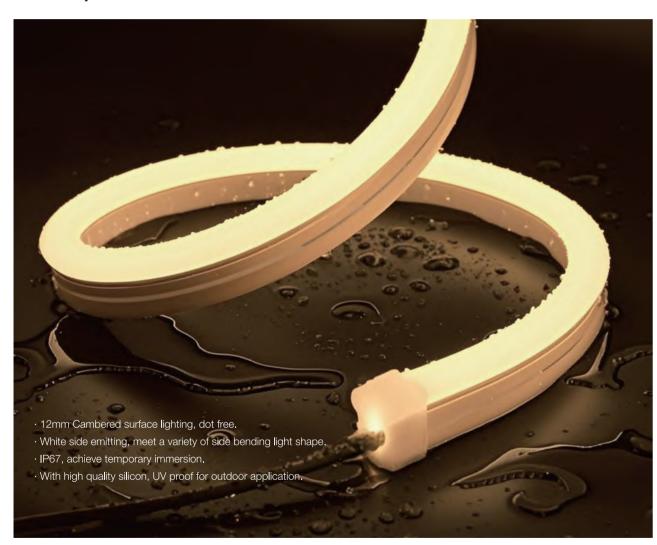
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

14mm
13mm
Light surface
7.9mm
300mm
7.9

23mm
300mm
Cutting length:50mm
14mm

13±0.15
23±0.15
10±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

DOME LIGHTING

12x25mm
WHITE / Tunable CCT

- · 12mm Cambered surface lighting, dot free.
- · White side emitting, meet a variety of side bending light shape.
- · IP67, achieve temporary immersion.
- · With high quality silicon, UV proof for outdoor application.

Accessories

| End cap | End cap (Side Exit) | End cap (Bottom Exit) | End cap | 3cm Aluminum channel | 1m Aluminum channel | Moldable mounting groove |

2400K 2700K 3000K 4000K 6500K   2400K - 6500K
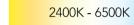
Technical Details	12x25mm White 14W	12x25mm Tunable CCT 18W
Product NO.	LN1225S-12mm-XXXK	LN1225-12mm-CCT
Voltage	DC24V	DC24V
Power	14W/M	18W/M
CRI	80 / 90 (2835LEDs)	80 / 90 (2835LEDs)
Led Qty	140LEDs/M	180LEDs/M
Cutting Length	50mm	33.3mm
IP Grade	IP67	IP67
Length/Reel	5050mm	5050mm
Color temperature	● 2700K ● 3000K ○ 4000K ○ 6000K	● 2700K ○ 6000K ○ 2700K+6000K
Lumens (CRI80)	400lm/m 420lm/m 455lm/m 450lm/m	400lm/m 450lm/m 900lm/m

END CAP
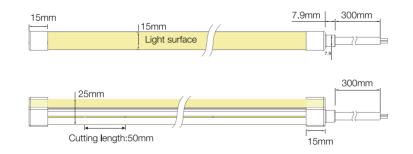
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

15mm

15mm
Light surface

7.9mm   300mm

25mm

300mm

Cutting length:50mm

15mm

15±0.15

25±0.15

12±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

DOME LIGHTING

12x25mm
RGB / RGBW

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

RGB
Technical Details   **12x25mm RGB 14.4W**

Product NO.	LN1225-12mm-RGB
Voltage	DC24V
Power	14.4W/M
CRI	/ (5050LEDs)
Led Qty	60LEDs/M
Cutting Length	100mm
IP Grade	IP67
Length/Reel	5050mm

Color temperature	● R	● G	● B	● RGB
Lumens (CRI80)	43lm/m	135lm/m	33lm/m	205lm/m

RGBW
12x25mm RGBW 14.4W

Product NO.	LN1225-12mm-RGBW
Voltage	DC24V
Power	14.4W/M
CRI	/ (5050LEDs)
Led Qty	100LEDs/M
Cutting Length	50mm
IP Grade	IP67
Length/Reel	5050mm

Color temperature	● R	● G	● B	● WHITE
Lumens (CRI80)	58lm/m	165lm/m	41lm/m	235lm/m

END CAP

Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

15mm

15mm
Light surface

7.9mm   300mm

7.9

25mm

Cutting length:50mm

300mm

15mm

15±0.15

25±0.15

12±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

TOP BEND
NEON

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

TOP BENDING

10x10mm
WHITE / RGB

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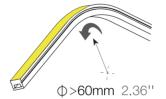· 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Φ>60mm 2.36''

Correct bending way

UL CE TÜV SGS RoHS PSE Erp 120° 1 BIN

Accessories

End exit   Bottom Exit   End cap   Circular hoop   1m Aluminum channel   3cm Stainless steel channel   1m Stainless steel channel   3cm Aluminum channel

---

2400K 2700K 3000K 4000K 6500K   RGB
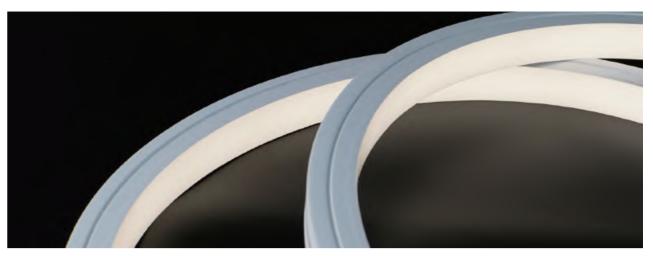
Technical Details	10x10mm White 8W				10x10mm RGB 8W		
Product NO.	LN1010-5mm-XXXK				LN1010-5mm-RGB		
Voltage	DC24V				DC24V		
Power	8W/M				8W/M		
CRI	80 / 90 (2835LEDs)				–		
Led Qty	140LEDs/M				120LEDs/M		
Cutting Length	50mm				50mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	R ●	G ●	B ●
Lumens (CRI80)	630lm/m	675lm/m	735lm/m	730lm/m	68lm/m	195lm/m	41lm/m

END CAP

Ordinary End Cap

Mold End Cap

DRAWINGS (Unit:mm)

300mm

10mm

10mm

10±0.15

10±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

TOP BENDING

12x12mm
WHITE / RGB

· 12mm wide luminous sur face, slim and delicate.
· Tri-color silicone extrusion with a clear window for easy cutting.
· Dust-resistant matte finish ensures a clean look with uniform, natural light.
· Run length > 10m, production length up to 30m.
· 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

UL · CE · TÜV SÜD · RoHS · PSE · Erp · 120° · 1BIN

Φ>60mm 2.36''

Correct bending way

Accessories

End exit · Bottom Exit · End cap · Circular hoop · 1m Aluminum channel · 3cm Stainless steel channel · 1m Stainless steel channel · 3cm Aluminum channel

---

2400K 2700K 3000K 4000K 6500K

RGB

Technical Details	12x12mm White 12W				12x12mm RGB 14W		
Product NO.	LN1212-8mm-XXXK				LN1212-8mm-RGB		
Voltage	DC24V				DC24V		
Power	12W/M				14W/M		
CRI	80 / 90 (2835LEDs)				–		
Led Qty	140LEDs/M				96LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	R ●	G ●	B ●
Lumens (CRI80)	670lm/m	695lm/m	750lm/m	745lm/m	59lm/m	195lm/m	38lm/m

END CAP

Ordinary End Cap

Mold End Cap

DRAWINGS (Unit:mm)

300mm

12mm

12mm

12±0.15

12±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

TOP BENDING

14x14mm
WHITE / RGB

· Seamless and uniform light output, dot free.
· Bendable at horizontal direction.
· Robust housing with high quality silicon, UV proof for true outdoor application.

UL   CE   TÜV   RoHS   PSE   Erp   120°   1 BIN

Φ>80mm 2.36''

Correct bending way

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

2400K 2700K 3000K 4000K 6500K

RGB

Technical Details   14x14mm White 14W

14x14mm RGB 16.5W

Technical Details	14x14mm White 14W	14x14mm RGB 16.5W
Product NO.	LN1414-10mm-XXXK	LN1414-10mm-RGB
Voltage	DC24V	DC24V
Power	14W/M	16.5W/M
CRI	80 / 90 (2835LEDs)	_
Led Qty	140LEDs/M	120LEDs/M
Cutting Length	50mm	50mm
IP Grade	IP67	IP67
Length/Reel	5050mm	5050mm

Color temperature	●2700K	●3000K	●4000K	○6000K
Lumens (CRI80)	675lm/m	700lm/m	755lm/m	750lm/m

R ●	G ●	B ●
64lm/m	212lm/m	42lm/m

END CAP

Ordinary End Cap

Mold End Cap

DRAWINGS (Unit:mm)

300mm

14mm

14mm

14±0.15

14±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

TOP BENDING

16x16mm
WHITE / Tunable CCT

· Seamless and uniform light output, dot free.
· Bendable at horizontal direction.
· Robust housing with high quality silicon, UV proof for true outdoor application.

UL CE TÜV RoHS PS E Erp 120° 1 BIN

Φ>80mm 2.36''

Correct bending way

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

2400K 2700K 3000K 4000K 6500K

2400K - 6500K

Technical Details	16x16mm White 14W				16x16mm Tunable CCT 19W		
Product NO.	LN1616-10mm-XXXK				LN1616-10mm-CCT		
Voltage	DC24V				DC24V		
Power	14W/M				19W/M		
CRI	80 / 90 (2835LEDs)				80 / 90 (2835LEDs)		
Led Qty	140LEDs/M				192LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	● 2700K	○ 6000K	○ 2700K+6000K
Lumens (CRI80)	685lm/m	705lm/m	765lm/m	760lm/m	435lm/m	515lm/m	920lm/m

END CAP

Ordinary End Cap

Mold End Cap

DRAWINGS (Unit:mm)

300mm

16mm

16mm

16±0.15

16±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

TOP BENDING

16x16mm
RGB / RGBW

· Seamless and uniform light output, dot free.
· Bendable at horizontal direction.
· Robust housing with high quality silicon.
· UV proof for true outdoor application.

UL | CE | TÜV SÜD | RoHS | PSE | Erp | 120° | 1 BIN

Φ>80mm 3.15"

Correct bending way

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1M Stainless steel channel | 3cm Aluminum channel |

🔴 RGB

Technical Details	16x16mm RGB 14W
Product NO.	LN1616-10mm-RGB
Voltage	DC24V
Power	14W/M
CRI	/ (5050LEDs)
Led Qty	96LEDs/M
Cutting Length	62.5mm
IP Grade	IP67
Length/Reel	5050mm
Color temperature	●R ●G ●B RGB
Lumens (CRI80)	69lm/m 189lm/m 43lm/m 273lm/m

🔴 RGBW

	16x16mm RGBW 18W
	LN1616-10mm-RGBW
	DC24V
	18W/M
	/ (5050LEDs)
	96LEDs/M
	62.5mm
	IP67
	5050mm
	●R ●G ●B ●WHITE
	49lm/m 143lm/m 32lm/m 163lm/m

END CAP

Ordinary End Cap

Mold End Cap

DRAWINGS (Unit:mm)

300mm

16mm

16mm

16±0.15

16±0.15

Milky + Translucent Silicone
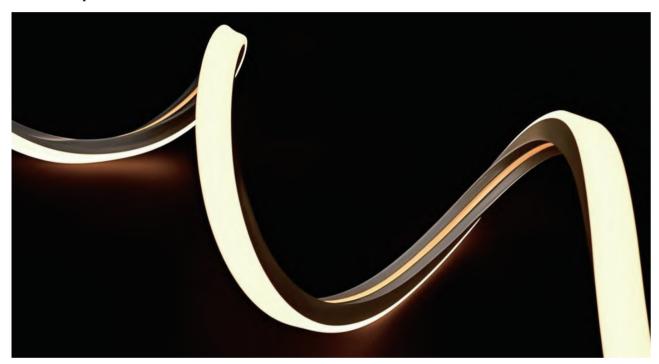
Please contact our sales for the latest details and certifications

TOP BENDING

20x20mm
WHITE / Tunable CCT

· 20mm wide luminous surface, slim and delicate.
· Tri-color silicone extrusion with a clear window for easy cutting.
· Dust-resistant matte finish ensures a clean look with uniform, natural light.
· Run length > 10m, production length up to 30m.
· 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

UL | CE | TÜV SÜD | RoHS | PS E | Erp | 120° | 1 BIN

Φ>80mm 3.15''

Correct bending way

Accessories

End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel

---

2400K 2700K 3000K 4000K 6500K

2400K - 6500K

Technical Details	20x20mm White 14W				20x20mm Tunable CCT 19W		
Product NO.	LN2020-12mm-XXXK				LN2020-12mm-CCT		
Voltage	DC24V				DC24V		
Power	14W/M				19W/M		
CRI	80 / 90 (2835LEDs)				80 / 90 (2835LEDs)		
Led Qty	140LEDs/M				192LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	● 2700K ○ 6000K ○ 2700K+6000K		
Lumens (CRI80)	690lm/m	715lm/m	770lm/m	765lm/m	440lm/m 525lm/m 930lm/m		

END CAP

Ordinary End Cap

DRAWINGS (Unit:mm)

300mm

20mm

20mm

20±0.15

20±0.15

Milky + Translucent Silicone
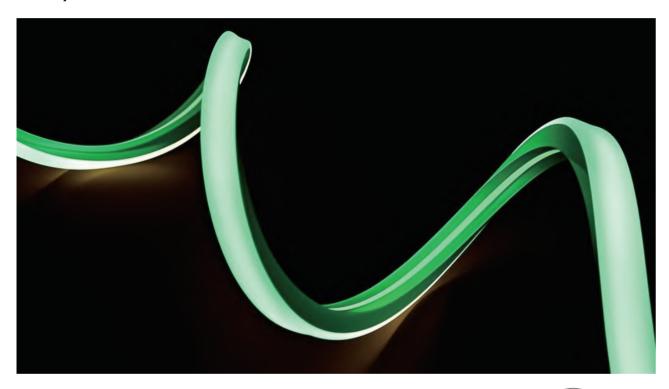
Please contact our sales for the latest details and certifications

TOP BENDING

20x20mm
RGB / RGBW

· Seamless and uniform light output, dot free.
· Bendable at horizontal direction.
· Robust housing with high quality silicon.
· UV proof for true outdoor application.

UL CE TÜV SÜD RoHS PS E Erp 120° 1 BIN

Φ>80mm 3.15''

Correct bending way

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

RGB

Technical Details	20x20mm RGB 14W			
Product NO.	LN2020-10mm-RGB			
Voltage	DC24V			
Power	14W/M			
CRI	/ (5050LEDs)			
Led Qty	96LEDs/M			
Cutting Length	62.5mm			
IP Grade	IP67			
Length/Reel	5050mm			
Color temperature	● R	● G	● B	● RGB
Lumens (CRI80)	58lm/m	192lm/m	38lm/m	272lm/m

RGBW

	20x20mm RGBW 18W			
	LN2020-10mm-RGBW			
	DC24V			
	18W/M			
	/ (5050LEDs)			
	96LEDs/M			
	62.5mm			
	IP67			
	5050mm			
	● R	● G	● B	● WHITE
	51lm/m	150lm/m	34lm/m	172lm/m

END CAP

Ordinary End Cap

DRAWINGS (Unit:mm)

300mm

20mm

20mm

20±0.15

20±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

THREE FACE VIEW
TOP BENDING

10x10mm
WHITE / RGB

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

Φ>60mm 2.36''

Correct bending way

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

2400K 2700K 3000K 4000K 6500K

RGB

Technical Details	10x10mm White 8W				10x10mm RGB 8W		
Product NO.	LN1010F-5mm-XXXK				LN1010F-5mm-RGB		
Voltage	DC24V				DC24V		
Power	8W/M				8W/M		
CRI	80 / 90 (2835LEDs)				–		
Led Qty	140LEDs/M				120LEDs/M		
Cutting Length	50mm				41.7mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	●2700K	●3000K	●4000K	○6000K	R ●	G ●	B ●
Lumens (CRI80)	635lm/m	680lm/m	745lm/m	740lm/m	68lm/m	195lm/m	42lm/m

END CAP

Ordinary End Cap

Mold End Cap

DRAWINGS (Unit:mm)

300mm

10mm

10mm

10±0.15

10±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

THREE FACE VIEW
TOP BENDING

20x18mm
WHITE / Tunable CCT

· 20mm wide luminous sur face, slim and delicate.
· Tri-color silicone extrusion with a clear window for easy cutting.
· Dust-resistant matte finish ensures a clean look with uniform, natural light.
· Run length > 10m, production length up to 30m.
· 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

UL | CE | TÜV SÜD | RoHS | PSE | Erp | 120° | 1 BIN

Φ >80mm 2.36''
Correct bending way

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

2400K 2700K 3000K 4000K 6500K

2400K - 6500K
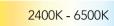
Technical Details	20x18mm White 14W				20x18mm Tunable CCT 19W		
Product NO.	LN2018F-12mm-XXXK				LN2018F-12mm-CCT		
Voltage	DC24V				DC24V		
Power	14W/M				19W/M		
CRI	80 / 90 (2835LEDs)				80 / 90 (2835LEDs)		
Led Qty	140LEDs/M				192LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	● 2700K	○ 6000K	○ 2700K+6000K
Lumens (CRI80)	690lm/m	715lm/m	770lm/m	765lm/m	440lm/m	525lm/m	930lm/m

END CAP

Ordinary
End Cap

DRAWINGS (Unit:mm)

300mm

20mm

18mm

18±0.15

20±0.15

**Milky +
Translucent
Silicone**

Please contact our sales for the latest details and certifications

THREE FACE VIEW
TOP BENDING

20x18mm
RGB / RGBW

· Seamless and uniform light output, dot free.
· Bendable at horizontal direction.
· Robust housing with high quality silicon.
· UV proof for true outdoor application.

UL | CE | TUV SUD | RoHS | PSE | Erp | 120° | 1 BIN

Φ>80mm 3.15''

Correct bending way

Accessories

End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel

RGB

Technical Details	20x18mm RGB 14W			
Product NO.	LN2018-10mm-RGB			
Voltage	DC24V			
Power	14W/M			
CRI	/ (5050LEDs)			
Led Qty	96LEDs/M			
Cutting Length	62.5mm			
IP Grade	IP67			
Length/Reel	5050mm			
Color temperature	● R	● G	● B	● RGB
Lumens (CRI80)	58lm/m	192lm/m	41lm/m	273lm/m

RGBW

20x18mm RGBW 18W			
LN2018-10mm-RGBW			
DC24V			
18W/M			
/ (5050LEDs)			
96LEDs/M			
62.5mm			
IP67			
5050mm			
● R	● G	● B	● WHITE
52lm/m	148lm/m	35lm/m	172lm/m

END CAP

Ordinary End Cap

DRAWINGS (Unit:mm)

300mm

20mm

18mm

18±0.15

20±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

PIXEL NEON

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

PIXEL NEON

Digital Colorful

TOP BENDING

16x16mm

SPI RGB / SPI RGBW

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

🌈 SPI RGB

Technical Details	16x16mm RGB 8W
Product NO.	LN1616-10mm-SPIRGB
Voltage	DC24V
Power	8W/M
CRI	/ (5050LEDs)
Led Qty	60LEDs/M
Cutting Length	16.6mm
IP Grade	IP67
Length/Reel	5050mm
Color temperature	● R ● G ● B 🌈 RGB
Lumens (CRI80)	58lm/m 185lm/m 38lm/m 265lm/m

🌈 SPI RGBW

	16x16mm RGBW 16.5W
	LN1616-10mm-SPIRGBW
	DC24V
	16.5W/M
	/ (5050LEDs)
	60LEDs/M
	100mm
	IP67
	5050mm
	● R ● G ● B ● WHITE
	58lm/m 135lm/m 38lm/m 175lm/m

END CAP

Ordinary
End Cap

Mold
End Cap

DRAWINGS (Unit:mm)

300mm

16mm

16mm

16±0.15

16±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

Digital Colorful

TOP BENDING

20x20mm

SPI RGB / SPI RGBW

·SPI-controlled digital LED neon with WS2811 IC, easy to set up
and cost-effective, ideal for small indoor projects.
·Supports color-changing effects, gradients, chases,
pulsating patterns, and animations.

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

SPI RGB

Technical Details	20x20mm RGB 8W			
Product NO.	LN2020-10mm-SPIRGB			
Voltage	DC24V			
Power	8W/M			
CRI	/ (5050LEDs)			
Led Qty	60LEDs/M			
Cutting Length	16.6mm			
IP Grade	IP67			
Length/Reel	5050mm			
Color temperature	●R	●G	●B	●RGB
Lumens (CRI80)	58lm/m	190lm/m	42lm/m	285lm/m

SPI RGBW

	20x20mm RGBW 16.5W			
	LN2020-10mm-SPIRGBW			
	DC24V			
	16.5W/M			
	/ (5050LEDs)			
	60LEDs/M			
	100mm			
	IP67			
	5050mm			
	●R	●G	●B	●WHITE
	58lm/m	140lm/m	42lm/m	183lm/m

END CAP

Ordinary
End Cap

Mold
End Cap

DRAWINGS (Unit:mm)

300mm

20mm

20mm

20±0.15

20±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

Digital Colorful

Side bending

10x18mm
SPI RGB / SPI RGBW

·SPI-controlled digital LED neon with WS2811 IC, easy to set up
 and cost-ef fective, ideal for small indoor projects.
·Supports color-changing ef fects, gradients, chases,
 pulsating patterns, and animations.

UL CE TÜV SUD RoHS PS E Erp 120°

Correct bending way

Φ>80mm 3.15''

Accessories

End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel

🌈 SPI RGB

Technical Details	10x18mm RGB 8W
Product NO.	LN1018S-10mm-SPIRGB
Voltage	DC24V
Power	8W/M
CRI	/ (5050LEDs)
Led Qty	60LEDs/M
Cutting Length	16.6mm
IP Grade	IP67
Length/Reel	5050mm
Color temperature	●R ●G ●B 🔵RGB
Lumens (CRI80)	42lm/m 162lm/m 32lm/m 218lm/m

🌈 SPI RGBW

	10x18mm RGBW 16.5W
	LN1018S-10mm-SPIRGBW
	DC24V
	16.5W/M
	/ (5050LEDs)
	60LEDs/M
	100mm
	IP67
	5050mm
	●R ●G ●B ●WHITE
	32lm/m 112lm/m 31lm/m 155lm/m

END CAP
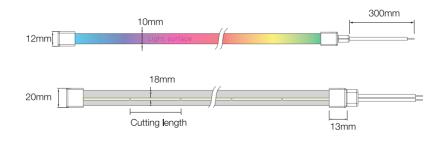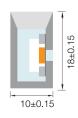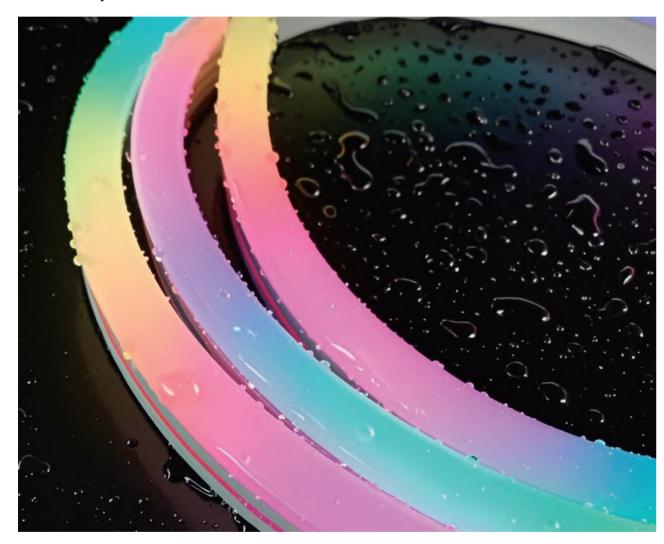
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

12mm
10mm
Light surface
300mm

20mm
18mm
Cutting length
13mm

18±0.15
10±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

Digital Colorful

DOME LIGHTING

10x23mm

SPI RGB / SPI RGBW

Accessories

| Power supply connector | Silicone End(Left side exit) | Silicone End(Right side exit) | Silicone End(Bottom exit) | Moldable mounting groove | 3cm Stainless steel channel | 1m Stainless steel channel |

SPI RGB

Technical Details	10x23mm RGB 8W			
Product NO.	LN1023S-10mm-SPIRGB			
Voltage	DC24V			
Power	8W/M			
CRI	/ (5050LEDs)			
Led Qty	60LEDs/M			
Cutting Length	16.6mm			
IP Grade	IP67			
Length/Reel	5050mm			
Color temperature	● R	● G	● B	● RGB
Lumens (CRI80)	43lm/m	165lm/m	32lm/m	220lm/m

SPI RGBW

10x18mm RGBW 16.5W			
LN1018S-10mm-SPIRGBW			
DC24V			
16.5W/M			
/ (5050LEDs)			
60LEDs/M			
100mm			
IP67			
5050mm			
● R	● G	● B	● WHITE
38lm/m	122lm/m	31lm/m	165lm/m

END CAP
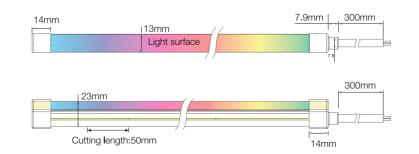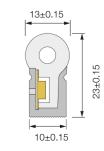
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

14mm
13mm
Light surface
7.9mm   300mm
7.9

23mm
300mm
Cutting length:50mm
14mm

13±0.15
23±0.15
10±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

Digital Colorful

DOME LIGHTING

12x25mm
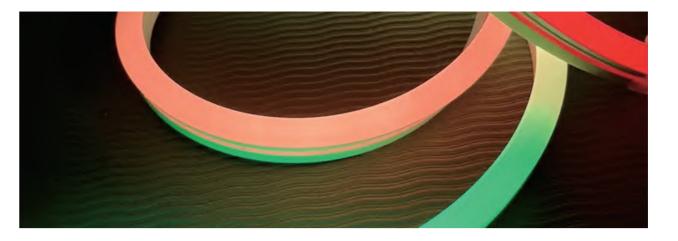
SPI RGB / SPI RGBW

· 15mm light-emitting surface, uniform light,dot free.
· Side emitting, meet a variety of side bending light shape.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Easy installation with clips and bendable track.
· Cuttable for flexible application.

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

	SPI RGB				SPI RGBW			
Technical Details	**12x25mm RGB 14.4W**				**12x25mm RGBW 16.5W**			
Product NO.	LN1225S-12mm-SPIRGB				LN1225S-12mm-SPIRGBW			
Voltage	DC24V				DC24V			
Power	14.4W/M				16.5W/M			
CRI	/ (5050LEDs)				/ (5050LEDs)			
Led Qty	144LEDs/M				96LEDs/M			
Cutting Length	6.95mm				62.5mm			
IP Grade	IP67				IP67			
Length/Reel	5050mm				5050mm			
Color temperature	●R	●G	●B	●RGB	●R	●G	●B	WHITE
Lumens (CRI80)	58lm/m	175lm/m	39lm/m	255lm/m	58lm/m	150lm/m	38lm/m	142lm/m

END CAP
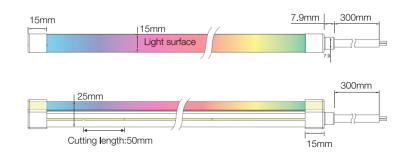
Ordinary End Cap

Mold end cap

DRAWINGS (Unit:mm)

15mm

15mm
Light surface

7.9mm   300mm

25mm

Cutting length:50mm

300mm

15mm

15±0.15

25±0.15

12±0.15

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

RECESSED
NEON

Unique winged design for recessed installation, no profiles needed.

RECESSED BENDING

12x12mm
WHITE / RGB

· 12mm wide luminous sur face, slim and delicate.
· Tri-color silicone extrusion with a clear window for easy cutting.
· Dust-resistant matte finish ensures a clean look with uniform, natural light.
· Run length > 10m, production length up to 30m.
· 5 years warranty, lifespan ≥ 50,000 hours, 1 Bin.

Φ>60mm 2.36''

Correct bending way

UL CE TÜV SÜD RoHS PSE Erp 120° 1 BIN

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

2400K 2700K 3000K 4000K 6500K

RGB
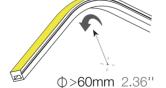
Technical Details	12x12mm White 12W			
Product NO.	LN1212T-8mm-XXXK			
Voltage	DC24V			
Power	14W/M			
CRI	80 / 90 (2835LEDs)			
Led Qty	140LEDs/M			
Cutting Length	50mm			
IP Grade	IP67			
Length/Reel	5050mm			
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K
Lumens (CRI80)	670lm/m	695lm/m	750lm/m	745lm/m

12x12mm RGB 14W		
LN1212T-8mm-RGB		
DC24V		
14W/M		
–		
96LEDs/M		
62.5mm		
IP67		
5050mm		
R ●	G ●	B ●
59lm/m	195lm/m	38lm/m
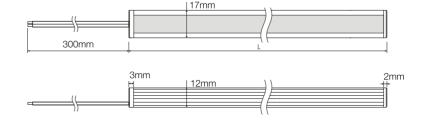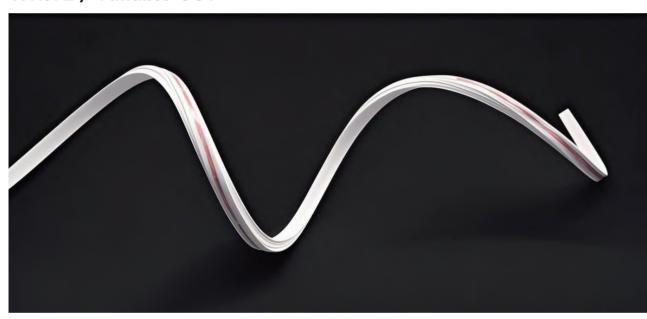
END CAP

Ordinary End Cap

DRAWINGS (Unit:mm)

300mm   17mm

3mm   12mm   2mm

17.0±0.2mm
12.0±0.2mm
12mm

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

RECESSED BENDING

16x16mm
WHITE / Tunable CCT

· Seamless and uniform light output, dot free.
· Bendable at horizontal direction.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Tri-color silicone extrusion with a clear window for easy cutting.

UL CE TÜV SÜD RoHS PSE Erp 120° 1 BIN

Φ>80mm 2.36''

Correct bending way

Accessories

End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel

---

2400K 2700K 3000K 4000K 6500K   2400K - 6500K

Technical Details	16x16mm White 14W				16x16mm Tunable CCT 19W		
Product NO.	LN1616T-10mm-XXXK				LN1616T-10mm-CCT		
Voltage	DC24V				DC24V		
Power	14W/M				19W/M		
CRI	80 / 90 (2835LEDs)				80 / 90 (2835LEDs)		
Led Qty	140LEDs/M				192LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	● 2700K ○ 6000K ○ 2700K+6000K		
Lumens (CRI80)	685lm/m	705lm/m	765lm/m	760lm/m	435lm/m 515lm/m 920lm/m		

END CAP

Ordinary
End Cap

DRAWINGS (Unit:mm)

23mm

300mm

3mm   16mm   2mm

23.0±0.2mm

16.0±0.2mm

16mm

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

RECESSED BENDING

16x16mm
RGB / RGBW

· Seamless and uniform light output, dot free.
· Bendable at horizontal direction.
· Robust housing with high quality silicon.
· UV proof for true outdoor application.

| UL | CE | TÜV SÜD | RoHS | PSE | Erp | 120° | 1BIN |

Φ>80mm 3.15"

Correct bending way

Accessories

| End exit | Bottom Exit | End cap | Circular hoop | 1m Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | 3cm Aluminum channel |

RGB

Technical Details	16x16mm RGB 14W			
Product NO.	LN1616T-10mm-RGB			
Voltage	DC24V			
Power	14W/M			
CRI	/ (5050LEDs)			
Led Qty	96LEDs/M			
Cutting Length	62.5mm			
IP Grade	IP67			
Length/Reel	5050mm			
Color temperature	● R	● G	● B	● RGB
Lumens (CRI80)	69lm/m	189lm/m	43lm/m	273lm/m

RGBW

16x16mm RGBW 18W			
LN1616T-10mm-RGBW			
DC24V			
18W/M			
/ (5050LEDs)			
96LEDs/M			
62.5mm			
IP67			
5050mm			
● R ● G ● B ● WHITE			
49lm/m	143lm/m	32lm/m	163lm/m

END CAP

Ordinary End Cap

Mold End Cap

DRAWINGS (Unit:mm)

23mm

300mm

3mm   16mm   2mm

23.0±0.2mm

16.0±0.2mm

16mm

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

RECESSED BENDING

06x12mm
WHITE / RGB

· 6mm light-emitting surface, uniform light,dot free.
· Side emitting, meet a variety of side bending light shape.
· Robust housing with high quality silicon, UV proof for true outdoor application.
· Easy installation with clips and bendable track.
· Cuttable for flexible application.

UL · CE · TUV · RoHS · PSE · Erp · 120° · 1BIN

Correct bending way

Φ>60mm 2.36''

Accessories

| End cap | End cap (Side Exit) | End cap (Bottom Exit) | End cap | 3cm Aluminum channel | 1m Aluminum channel | Moldable mounting groove |

2400K 2700K 3000K 4000K 6500K

RGB

Technical Details	06x12mm White 10W				06x12mm RGB 10W		
Product NO.	LN0612TS-8mm-XXXK				LN0612TS-8mm-RGB		
Voltage	DC24V				DC24V		
Power	10W/M				10W/M		
CRI	80 / 90 (2835LEDs)				–		
Led Qty	140LEDs/M				96LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	●2700K	●3000K	●4000K	○6000K	R ●	G ●	B ●
Lumens (CRI80)	350lm/m	375lm/m	415lm/m	410lm/m	23lm/m	67lm/m	12lm/m

END CAP

Ordinary End Cap

DRAWINGS (Unit:mm)

300mm

9.5±0.2
12.0±0.2
5.7

Milky + Translucent Silicone

Please contact our sales for the latest details and certifications

3D BENDING
NEON

3D Bending NEON

10x10mm
Top&side bending integrated

- Mini size, 10x10mm, More free bending and Twist-able
- High efficacy 2835 Plus LED inside.
- UV and yellowish resistant, IP67 and salt-mist proof.
- Easy installation.

[UL] [CE] [TÜV] [RoHS] [PSE] [Erp] [120°] [1 BIN]

Side Bending
Φ>300mm

Top Bending
Φ>100mm

Accessories

| End cap | End cap (Side Exit) | End cap (Bottom Exit) | Circular hoop | 3cm Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | Moldable mounting groove |

2400K 2700K 3000K 4000K 6500K
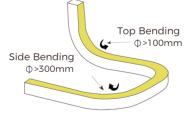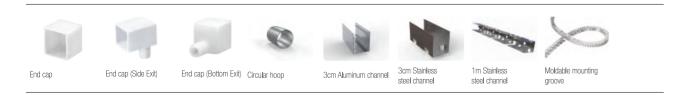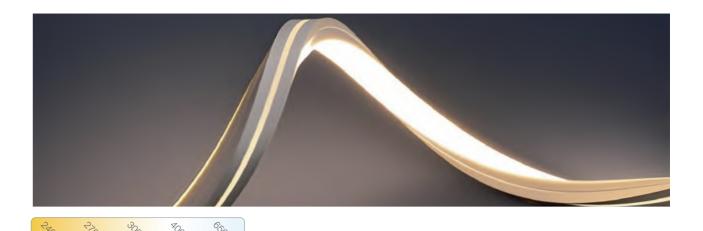
Technical Details	3D 10x10mm White 8-10W				3D 10x10mm RGB 12W		
Product NO.	LN1010-3D-6mm-XXXK				LN1010-3D-6mm-RGB		
Voltage	DC24V				DC24V		
Power	8-10W/M				12W/M		
CRI	80 / 90 (2835LEDs)				– (2835RGB)		
Led Qty	140LEDs/M				120LEDs/M		
Cutting Length	50mm				50mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	R ●	G ●	B ●
Lumens (CRI80)	460lm/m	490lm/m	536lm/m	540lm/m	68lm/m	205lm/m	45lm/m

END CAP
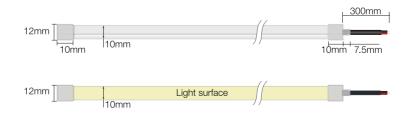
Ordinary End Cap

DRAWINGS (Unit:mm)

12mm 10mm 10mm 300mm 10mm 7.5mm

12mm 10mm Light surface

10±0.15 10±0.15

Milky + Translucent Silicone
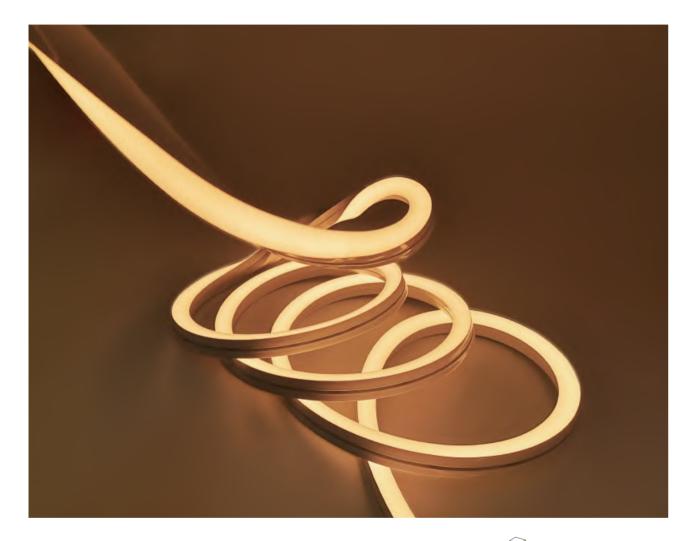
Please contact our sales for the latest details and certifications

3D Bending NEON

16x16mm
Top&side bending integrated

- · 15mm wide luminous sur face, popular and robust.
- · Tri-color silicone extrusion with a clear window for easy cutting.
- · Dust-resistant matte finish ensures a clean, uniform, natural light.

Side Bending
Φ>300mm

Top Bending
Φ>100mm

Accessories

End cap | End cap (Side Exit) | End cap (Bottom Exit) | Circular hoop | 3cm Aluminum channel | 3cm Stainless steel channel | 1m Stainless steel channel | Moldable mounting groove

---

2400K 2700K 3000K 4000K 6500K
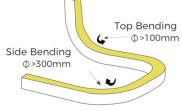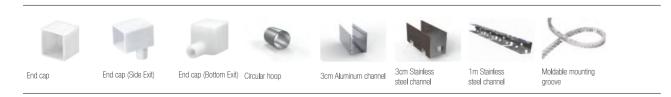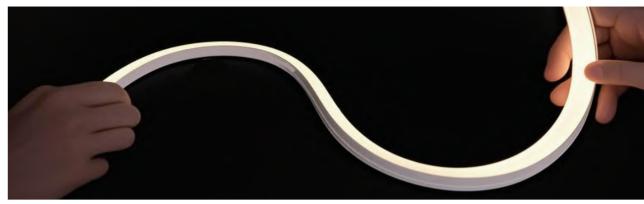
Technical Details	3D 16x16mm White 12W				3D 16x16mm RGB 12W		
Product NO.	LN1616-3D-8mm-XXXK				LN1616-3D-8mm-RGB		
Voltage	DC24V				DC24V		
Power	12W/M				12W/M		
CRI	80 / 90 (2835LEDs)				– (4040RGB / 2835RGB)		
Led Qty	140LEDs/M				96LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	2700K	3000K	4000K	6000K	R	G	B
Lumens (CRI80)	480lm/m	540lm/m	590lm/m	596lm/m	53lm/m	185lm/m	35lm/m

END CAP

Ordinary
End Cap

DRAWINGS (Unit:mm)

18mm
12mm 16mm 300mm 12mm 7.5mm

18mm
16mm Light surface

16±0.15

16±0.15

Milky + Translucent Silicone
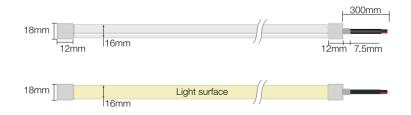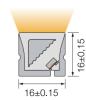
Please contact our sales for the latest details and certifications

360° ROPE LIGHT

360°
Lighting

IP65

More
applications

White
RGB/SPI

BEAM NEON
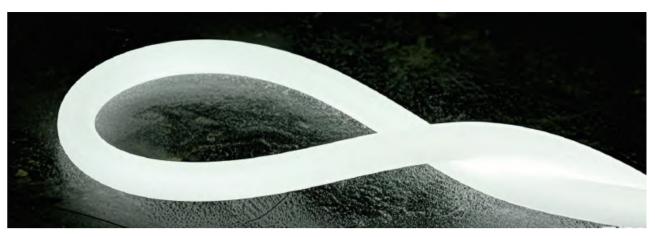
360° Lighting
Φ13mm White / 10W

· Matte oil material used on the surface, with excellent wear resistance, no dust, Soft and smooth feel of hand touch.
· 360° lighting, surface illuminate uniformly without any dark area.
· It can be bent freely, with superior flexibility & wide application.
· IP67, environmental-friendly silicone material, salt and alkali resistant, UV resistant, flame retardant.

2400K 2700K 3000K 4000K 6500K

Technical Details	Φ13mm White 10W			
Product NO.	LNC13-360°-6mm-XXXK			
Voltage	DC24V / AC220V / AC110			
Power	10W/M			
CRI	80 / 90 (2835LEDs)			
Led Qty	140*2LEDs/M			
Cutting Length	50mm			
IP Grade	IP67			
Length/Reel	5050mm			
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K
Lumens (CRI80)	650lm/m	780lm/m	960lm/m	1050lm/m

ACCESSORIES
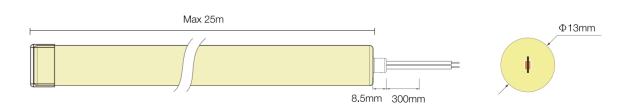
End cap   End cap (Side Exit)   End cap (Bottom Exit)   Transparent Plastic Mounting Clips   Transparent Plastic Mounting Clips

DRAWINGS (Unit:mm)

Max 25m

Φ13mm

8.5mm   300mm

Please contact our sales for the latest details and certifications

BEAM NEON

360° Lighting

Φ16mm White / 12W

· Matte oil material used on the surface, with excellent wear resistance, no dust, Soft and smooth feel of hand touch.
· 360° lighting, surface illuminate uniformly without any dark area.
· It can be bent freely, with superior flexibility & wide application.
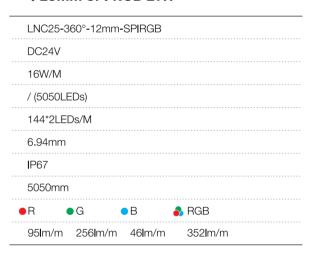· IP67, environmental-friendly silicone material, salt and alkali resistant, UV resistant, flame retardant.

2400K 2700K 3000K 4000K 6500K

Technical Details	Φ16mm White 12W
Product NO.	LNC16-360°-10mm-XXXK
Voltage	DC24V / AC220V / AC110
Power	12W/M
CRI	80 / 90 (2835LEDs)
Led Qty	140*2LEDs/M
Cutting Length	50mm
IP Grade	IP67
Length/Reel	5050mm
Color temperature	● 2700K ● 3000K ● 4000K ○ 6000K
Lumens (CRI80)	750lm/m 880lm/m 1050lm/m 1150lm/m

ACCESSORIES
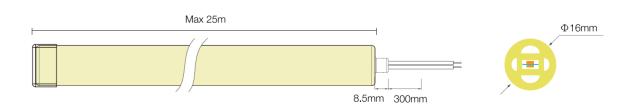
End cap   End cap (Side Exit)   End cap (Bottom Exit)   Transparent Plastic   Transparent Plastic
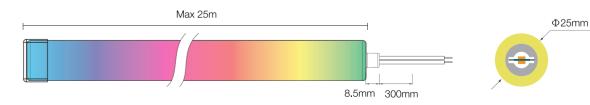   Mounting Clips   Mounting Clips

DRAWINGS (Unit:mm)
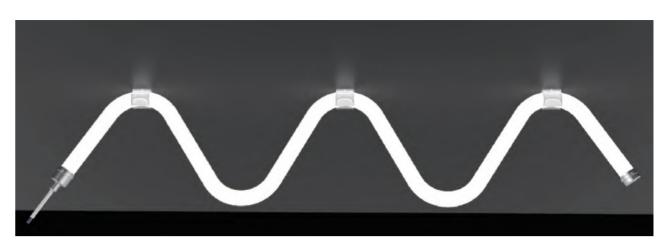

Max 25m

Φ16mm

8.5mm   300mm

Please contact our sales for the latest details and certifications

BEAM NEON

360° Lighting
Φ25mm White / 16W
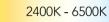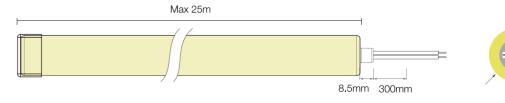

· Matte oil material used on the surface, with excellent wear resistance, no dust, Soft and smooth feel of hand touch.
· 360° lighting, surface illuminate uniformly without any dark area.
· It can be bent freely, with superior flexibility & wide application.
· IP67, environmental-friendly silicone material, salt and alkali resistant, UV resistant, flame retardant.

| 2400K | 2700K | 3000K | 4000K | 6500K |

| 2400K - 6500K |

Technical Details	Φ25mm White 16W				Φ25mm Tunable CCT 16W		
Product NO.	LNC25-360°-12mm-XXXK				LNC25-360°-12mm		
Voltage	DC24V / AC220V / AC110				DC24V		
Power	16W/M				16W/M		
CRI	80 / 90 (2835LEDs)				80 / 90 (2835LEDs)		
Led Qty	140*2LEDs/M				192*2LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	● 2700K	○ 6000K	○ 2700K+6000K
Lumens (CRI80)	900lm/m	1000lm/m	1250lm/m	1350lm/m	500lm/m	730lm/m	1180lm/m

ACCESSORIES

End cap End cap (Side Exit) End cap (Bottom Exit) Stainless End cap Stainless End cap (Bottom Exit) Transparent Plastic Mounting Clips Transparent Plastic Mounting Clips

DRAWINGS (Unit:mm)

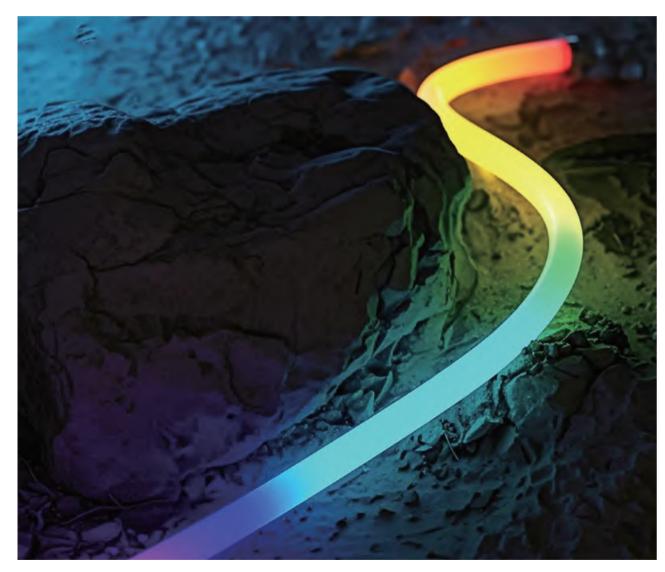
Max 25m

Φ25mm

8.5mm 300mm

Please contact our sales for the latest details and certifications
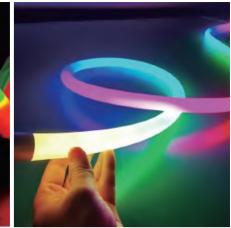
Digital Colorful
BEAM NEON

360° Lighting
Φ25mm RGB 21W / SPI RGB 16W

· Matte oil material used on the surface, with excellent wear resistance, no dust, Soft and smooth feel of hand touch.
· 360° lighting, surface illuminate uniformly without any dark area.
· It can be bent freely, with superior flexibility & wide application.
· IP67, environmental-friendly silicone material, salt and alkali resistant, UV resistant, flame retardant.

Technical Details	Φ25mm RGB 21W				Φ25mm SPI RGB 21W			
Product NO.	LNC25-360°-12mm-RGB				LNC25-360°-12mm-SPIRGB			
Voltage	DC24V / AC220V / AC110				DC24V			
Power	21W/M				16W/M			
CRI	/ (5050LEDs)				/ (5050LEDs)			
Led Qty	80*2LEDs/M				144*2LEDs/M			
Cutting Length	12.5mm				6.94mm			
IP Grade	IP67				IP67			
Length/Reel	5050mm				5050mm			
Color temperature	● R	● G	● B	● RGB	● R	● G	● B	● RGB
Lumens (CRI80)	125lm/m	325lm/m	65lm/m	495lm/m	95lm/m	256lm/m	46lm/m	352lm/m

ACCESSORIES

End cap · End cap (Side Exit) · End cap (Bottom Exit) · Stainless End cap · Stainless End cap (Bottom Exit) · Transparent Plastic Mounting Clips · Transparent Plastic Mounting Clips

DRAWINGS (Unit:mm)

Max 25m

Φ25mm

8.5mm   300mm

Please contact our sales for the latest details and certifications

BEAM NEON

360° Lighting

Φ40mm White / 20W

- Matte oil material used on the surface, with excellent wear resistance, no dust, Soft and smooth feel of hand touch.
- 360° lighting, surface illuminate uniformly without any dark area.
- It can be bent freely, with superior flexibility & wide application.
- IP67, environmental-friendly silicone material, salt and alkali resistant, UV resistant, flame retardant.

| 2400K | 2700K | 3000K | 4000K | 6500K |

| 2400K - 6500K |

Technical Details	Φ40mm White 20W	Φ40mm Tunable CCT 20W
Product NO.	LNC40-360°-12mm-XXXK	LNC40-360°-12mm-CCT
Voltage	DC24V	DC24V
Power	20W/M	20W/M
CRI	80 / 90 (2835LEDs)	80 / 90 (2835LEDs)
Led Qty	140*2LEDs/M	192*2LEDs/M
Cutting Length	50mm	62.5mm
IP Grade	IP67	IP67
Length/Reel	5050mm	5050mm
Color temperature	● 2700K ● 3000K ● 4000K ○ 6000K	● 2700K ○ 6000K ○ 2700K+6000K
Lumens (CRI80)	930lm/m 1050lm/m 1350lm/m 1380lm/m	515lm/m 745lm/m 1130lm/m

ACCESSORIES

End cap   End cap (Side Exit)   End cap (Bottom Exit)   Stainless End cap   Stainless End cap (Bottom Exit)   Transparent Plastic Mounting Clips   Transparent Plastic Mounting Clips

DRAWINGS (Unit:mm)

Max 25m

Φ40mm

8.5mm   300mm

Please contact our sales for the latest details and certifications

Digital Colorful
BEAM NEON
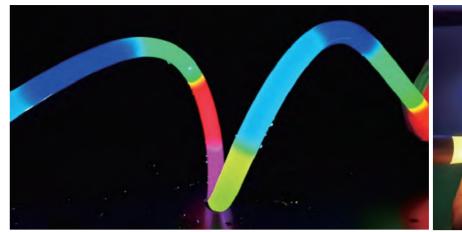
360° Lighting
Φ40mm RGB / SPI RGB / RGBW

· Matte oil material used on the surface, with excellent wear resistance, no dust, Soft and smooth feel of hand touch.
· 360° lighting, surface illuminate uniformly without any dark area.
· It can be bent freely, with superior flexibility & wide application.
· IP67, environmental-friendly silicone material, salt and alkali resistant, UV resistant, flame retardant.

Technical Details	Φ40mm RGBW 20W					Φ40mm SPI RGB 16W			
Product NO.	LNC40-360°-12mm-RGBW					LNC40-360°-12mm-SPIRGB			
Voltage	DC24V					DC24V			
Power	20W/M					16W/M			
CRI	/ (5050LEDs)					/ (5050LEDs)			
Led Qty	100*2LEDs/M					144*2LEDs/M			
Cutting Length	50mm					6,94mm			
IP Grade	IP67					IP67			
Length/Reel	5050mm					5050mm			
Color temperature	●R	●G	●B	●RGB	●WHITE	●R	●G	●B	●WHITE
Lumens (CRI80)	113lm/m	333lm/m	63lm/m	480lm/m	550lm/m	73lm/m	231lm/m	38lm/m	315lm/m
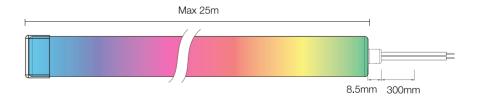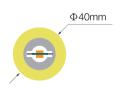
ACCESSORIES

End cap   End cap (Side Exit)   End cap (Bottom Exit)   Stainless End cap   Stainless End cap (Bottom Exit)   Transparent Plastic Mounting Clips   Transparent Plastic Mounting Clips

DRAWINGS (Unit:mm)

Max 25m

Φ40mm

8.5mm   300mm

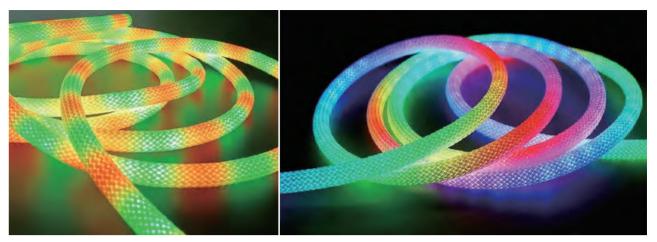Please contact our sales for the latest details and certifications

BEAM NEON
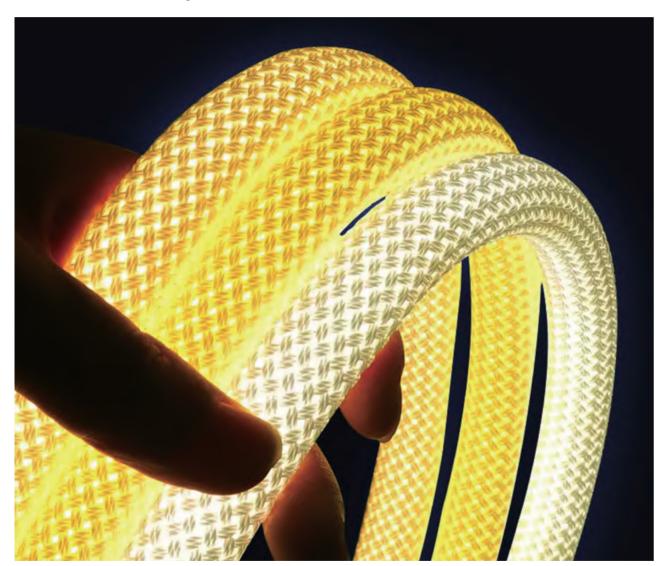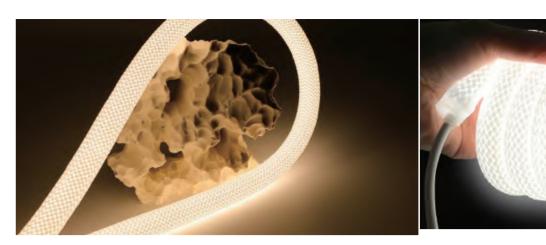
360° Lighting
Weaving pattern on the surface

Φ25mm White / 18W

· Weaving pattern on the surface 360° lighting, surface illuminate uniformly without any dark area.
· It can be bent freely, with superior flexibility & wide application.
· IP67, environmental-friendly silicone material, salt and alkali resistant, UV resistant, flame retardant.

| 2400K | 2700K | 3000K | 4000K | 6500K |

| 2400K - 6500K |

Technical Details	Φ25mm White 18W				Φ40mm Tunable CCT 18W		
Product NO.	LNC25-360°-8mm-XXXK				LNC40-360°-8mm-CCT		
Voltage	DC24V / AC220V / AC110				DC24V		
Power	18W/M				18W/M		
CRI	80 / 90 (2835LEDs)				80 / 90 (2835LEDs)		
Led Qty	140*2LEDs/M				192*2LEDs/M		
Cutting Length	50mm				62.5mm		
IP Grade	IP67				IP67		
Length/Reel	5050mm				5050mm		
Color temperature	● 2700K	● 3000K	● 4000K	○ 6000K	● 2700K	○ 6000K	○ 2700K+6000K
Lumens (CRI80)	740lm/m	785lm/m	825lm/m	840lm/m	425lm/m	530lm/m	990lm/m

ACCESSORIES
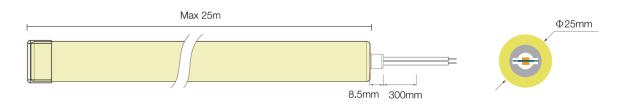
End cap   End cap (Side Exit)   End cap (Bottom Exit)   Stainless End cap   Stainless End cap (Bottom Exit)   Transparent Plastic Mounting Clips   Transparent Plastic Mounting Clips

DRAWINGS (Unit:mm)

Max 25m

Φ25mm

8.5mm   300mm

Please contact our sales for the latest details and certifications

Digital Colorful

360° Lighting
Weaving pattern on the surface
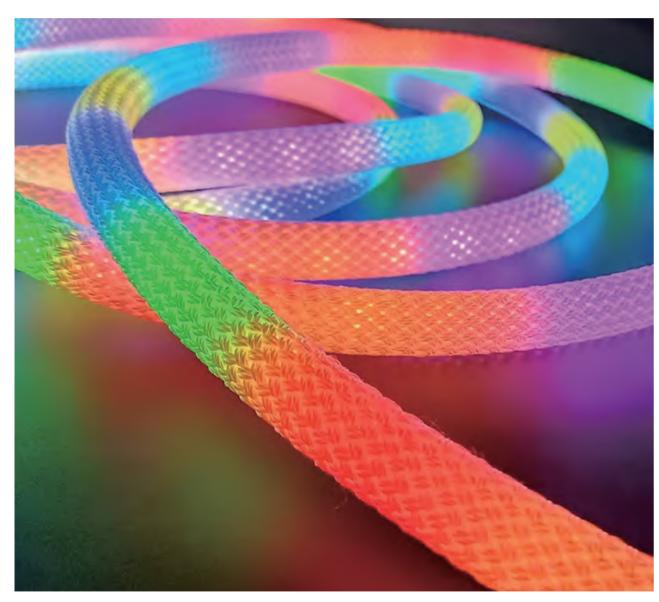
Φ25mm RGB 21W

· Weaving pattern on the surface 360° lighting, surface illuminate uniformly without any dark area.
· It can be bent freely, with superior flexibility & wide application.
· IP67, environmental-friendly silicone material, salt and alkali resistant, UV resistant, flame retardant.

Technical Details   Φ25mm RGB 18W

Product NO.	LNC25F-360°-8mm-RGB
Voltage	DC24V / AC220V / AC110
Power	18W/M
CRI	/ (4040LEDs)
Led Qty	96*2LEDs/M
Cutting Length	62.5mm
IP Grade	IP67
Length/Reel	5050mm
Color temperature	● R ● G ● B ● RGB
Lumens (CRI80)	53lm/m 155lm/m 36lm/m 225lm/m
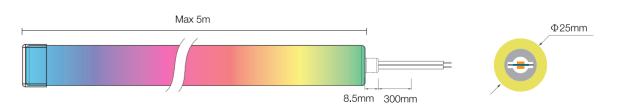
ACCESSORIES

End cap   End cap (Side Exit)   End cap (Bottom Exit)   Stainless End cap   Stainless End cap (Bottom Exit)   Transparent Plastic Mounting Clips   Transparent Plastic Mounting Clips

DRAWINGS (Unit:mm)

Max 5m

Φ25mm

8.5mm   300mm

Please contact our sales for the latest details and certifications

ACCESSORY

The LED accessory series offers a range of components designed to complement and enhance LED strip lights. This collection includes LED controllers, power supplies, aluminum extrusions, connectors, and 3M double-sided tape. These accessories provide flexible and complete solutions to improve both the functionality and aesthetics of LED strip lighting systems.

LED CONTROLLER

Single Color Controller

Tunable White Controller

RGB Controller

RGBW Controller
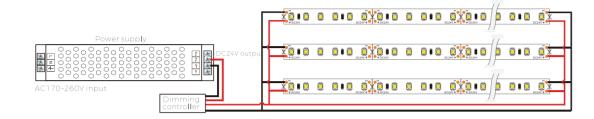
CONNECTION DIAGRAM
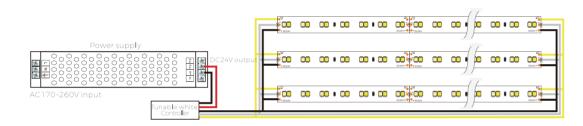
Single Color Strip (1 channel controller, SMD3528, 180LEDs, 24V)

Single color

Power supply
DC24V output
AC170~260V input
Dimming controller
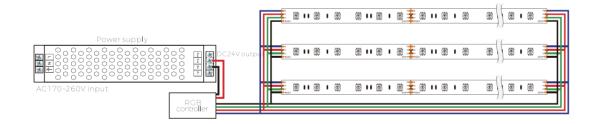
Tunable White Strip (2 channels controller, SMD2835, 112LEDS, 24V)

Tunable

Power supply
DC24V output
AC170~260V input
Tunable white Controller
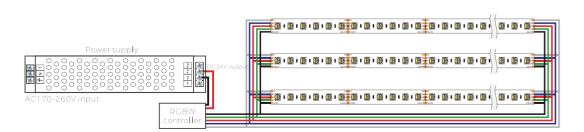
RGB Color Strip (3 channels controller, SMD5050, 60LEDs, 24V)

RGB

Power supply
DC24V output
AC170~260V input
RGB controller

RGBW Color Strip (4 channels controller, SMD5050 4 in 1 LED, 96LEDs, 24V)

RGBW

Power supply
DC24V output
AC170~260V input
RGBW controller

LED CONTROLLER

Music Controller

SPI Controller

Compatible Controller

SP631E   SP636E

Compatible Controller

SP632E   SP637E

Compatible Controller

SP633E SP634E SP638E SP639E SP63BE

Compatible Controller
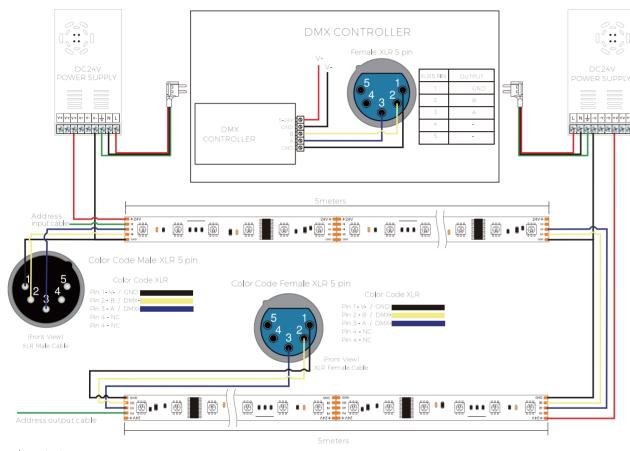
SP635E   SP63AE   SP63CE

DMX512 Controller

CONNECTION DIAGRAM

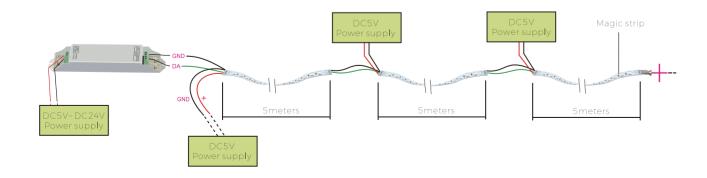## DMX512 Strip (DMX controller, DMX512, SMD5050, 60LEDs, 24V item NO.: LY60-DMXS5050RGB-W24)

Important:
1.Regular DMX512 LED Strip not include the XLR connector, if need XLR connector, extra cost will be added.
2. If you want to change the starting address, you will need a DMX Address Editor, avaliable on our website.

SPI Strip (SPI strip controller, SK6812 RGB, SMD5050, 60LEDs, DC5V, item NO.: LY60-SK6812RGB-W5)

LED POWER SUPPLY

Meanwell LRS Series

LRS series
◆ Economic non-PFC function
◆ 35W~350W reliable output
◆ Short cut, overload, over voltage,
◆ Over temperature protections
◆ CE,CB,C-UL certificates
◆ 3years warranty

Meanwell ELG Series

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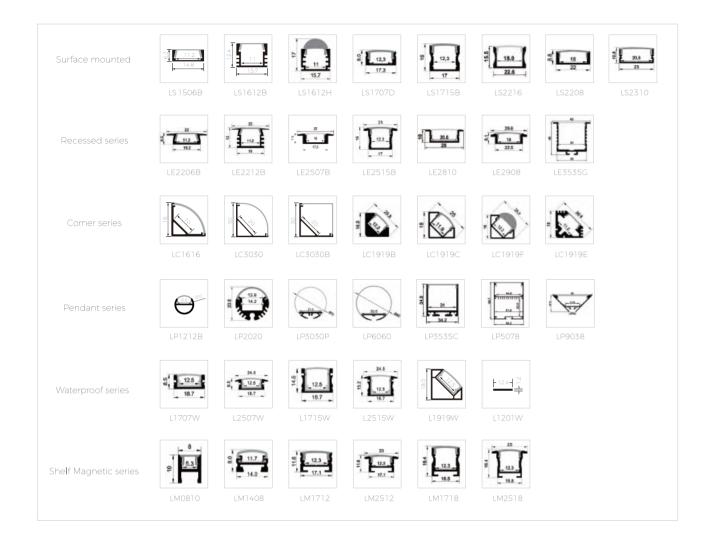   smart timer dimming; DALI.
◆ 5years warranty

Meanwell HLG Series

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

ALUMINUM PROFILE

Surface mounted	LS1506B	LS1612B	LS1612H	LS1707D	LS1715B	LS2216	LS2208	LS2310

Surface mounted: LS1506B, LS1612B, LS1612H, LS1707D, LS1715B, LS2216, LS2208, LS2310

Recessed series: LE2206B, LE2212B, LE2507B, LE2515B, LE2810, LE2908, LE3535G

Corner series: LC1616, LC3030, LC3030B, LC1919B, LC1919C, LC1919F, LC1919E

Pendant series: LP1212B, LP2020, LP3030P, LP6060, LP3535C, LP5078, LP9038

Waterproof series: L1707W, L2507W, L1715W, L2515W, L1919W, L1201W

Shelf Magnetic series: LM0810, LM1408, LM1712, LM2512, LM1718, LM2518

Special Series

Mini Sereis
LN0609, LN0609B, LN0809, LN0814

Wall series
LW1844, LW1848, LW2112, LW2215, LW5313

Floor Series
LF1908, LF2626, LF6628

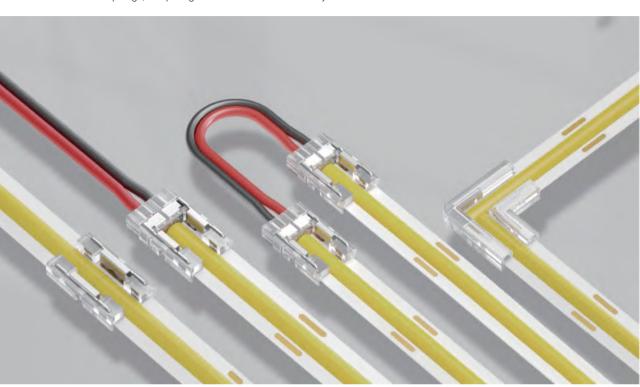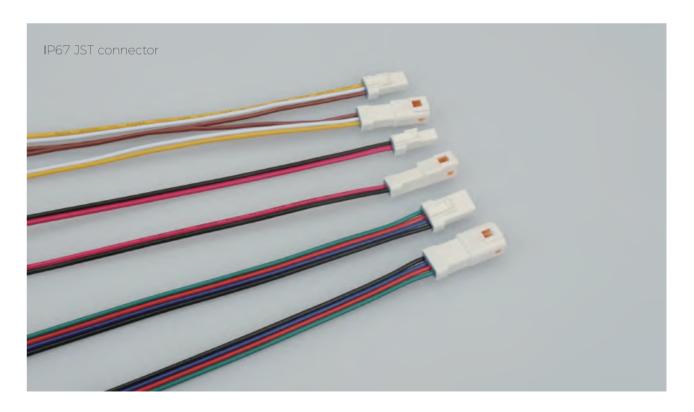### Bending Series
LB1018S, LB1807

Clothespress Series
LH1929

LED STRIP CONNECTOR

LED strip connectors enable easy, solderless connections for LED strip lights. Simply insert the LED strip into the connector, where the contact pads on the strip align with the connector's contact prongs, completing the electrical circuit seamlessly.

IP67 JST connector

STRIP SAMPLE BOOK

The LED Strip Sample Book is very convenient to carry or display. You can quickly light it through the 5VDC Type C interface.

LED STRIP ADHESIVE TAPES

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

ADHESIVE TAPE

		Adhesive Thickness mils(mm)	Adhesive to Stainless Steel
3M 200MP	Normal Indoor use	5.2mils (0.13mm)	7.0N/CM
3M 300LSE	Normal Indoor use	4.8mils (0.12mm)	8.6N/CM
3M 9080 Tape	Normal Indoor use	12.8mils (0.32mm)	7.5N/CM
3M 9448A Tape	Normal Indoor use	12.8mils (0.32mm)	13.2N/CM
3M 4229 Tape	For Waterproof Strips	30.4mils (0.76mm)	20.0N/CM
Tesa 4965	For Aluminum Profile	8.2mils (0.205mm)	14.0N/CM
Blue Tape	For High Wattage Strips	4.0mils (0.1mm)	6.0N/CM