

## LED strip and more

info@mingxue.cn | Tel: 0755-27637866 | www.mingxueled.com

Office: 14F, Building T3 HIPARK Complex, Shiyan BaoAn District Shenzhen, China  
Factory: Building 9&10, Wanyang Park, Baochong Industry Zone, Longjiang Town, Shunde district, Foshan City



www.mingxueled.com

2025 V1

SHENZHEN MINGXUE OPTOELECTRONICS CO., LTD



# 2025 CATALOGUE LEADING LED STRIP





LED strip and more



# ABOUT US

Shenzhen Mingxue Optoelectronics Co., LTD., founded in 2005, is a national high-tech enterprise in China. Since its establishment, Mingxue has focused on LED packaging and application, and has become a leading manufacturer of high-quality LED components and LED strips. Mingxue's products are widely distributed in Europe, South America, North America and Asia Pacific region. The company has passed ISO 9001:2008 and ISO/TS 16949:2009 certifications. It pays attention to internal management, implements 6S management and standardized operation within the company, and strives to be more perfect. By setting quality management as one of the company's highest priorities, our focus is on continuously improving the quality level of our products. With better quality, professional service and customer-oriented philosophy, Mingxue has won the trust and recognition of customers all over the world. With more than 200 employees and more than 20 technicians, the company generated more than \$25 million in sales revenue in 2018. With advanced production facilities and skilled workshop workers, we have been committed to being a reliable supplier and partner for the LED lighting industry. So far, MX company has obtained a number of international certifications, including CE, ROHS, ERP, FCC, UL and PSE, to meet the needs of customers in different countries and regions. MX is dedicated to developing LED lighting products to help people reduce electricity and operating costs, increase user productivity, and help reduce carbon footprints worldwide. MX, you can trust!



## 20 years experience

We have been focusing on LED lighting industry since 2005, our R&D and sales department are in Shenzhen and factory in Foshan. As 20 years in LED lighting industry, we have rich experience in production and design.



## Company

With Shenzhen as R & D and sales center, Foshan as production base, we are actively looking for distributors, agents and other partners at home and abroad.



## Manufacturing base

A self-built factory of more than 24,000 square meters, with complete automatic and semi-automatic production equipments is our manufacturing base. We provide good quality, fast delivery, and production capacity is guaranteed. More than 1000 square meters office in ShenZhen for R & D and sales department helps us better serve our customers.



## Certification system

MX has passed the ISO9001 and ISO/IATF16949 quality system certifications, and we also got the mainstream markets' product certifications such as CE, ROHS, ERP, FCC, UL, ETL, PSE and so on.



## Product globalization

Products are sold to many countries and regions around the world, we have large share in Europe and the United States market. Besides, we cooperated with well-known enterprises in led strip industry domestic and overseas.



## Product system

Products cover COB/CSP strip, high voltage strip, high efficiency strip, high density strip, magic series, neon strip and tunable led strip series.

# COMPANY PROFILE

2005~2025

**2005**

Founded in 2005, 50 Employees.

**2006**

BUILDING SMT Producing Workshop in 2006.

**2007**

Buildind SMD Producing Workshop in 2007.

**2008**

Enlarging SMT Producing Workshop in 2008, Certified ISO9001:2008.

**2009**

Sales up to 10 Million USD, Enlarging SMT again in 2009.

**2010**

Enlarging SMD Producing Workshop in 2010.

**2012**

Enlarge factory, up to 15, 000 square meters in 2012, total 6 floors.

**2013**

Sales up to 20 Million USD in 2013, up to 200 Employees.

**2016**

Developing Hight Power LED Grow Light in 2016,Sales up to 30 Million USD in 2016, up to 300 Employees.

**2018**

Building a new show Room for LED New products on 2018.

**2019**

The company introduced advanced automatic welding production line, put into production COB soft lamp belt production line.

**2020**

Our production base settled down to Shunde. We added the SMT machine to 14pcs. The capacity of auto soldering strip reached 24 millinon meter per month.

**2021**

Successful mass production of CSP lamp strip.Introduction of infinite patch equipment.

**2022**

Sales and R&D center was relocated to the office building of Haigu Science and Technology Building in Shenzhen. In the same year, the production base was also relocated to Shunde, Foshan, and Foshan Mingxue Branch was established. Realize the separation of production and sales, improve the company's market competitiveness.

**2023**

We formally step into the new journey of group and fine management; through the introduction of MES system and new production lines, we are moving toward a new stage of more competitive intelligent manufacturing; with adding R & D and marketing department,we increase the budget of R & D and brand communication, to increase the brand value of MingXue. Turn ourselves into a outstanding vendor which is"precision in customization, specialized in innovation,good at service, excellence in quality!"

**2024**

2024 is an important milestone in the history of our brand development. In this year, Mingxue carried out a comprehensive VI (Visual Identity) upgrade and launched a new brand slogan - "Led strip and more" to enhance the brand image and market competitiveness.



# Certificate of Honor

## About product certification

Products have passed the certification required by the market. With complete quality system and verification process, the quality is guaranteed. Different series for different markets, products can be designed to meet the requirements of certification, strong coordination, can help customers get more orders.



In order to adapt to market demand, we get different certifications for strip lights like UL, ETL, ErP, CE, ROHS, REACH, UKCA, LM-80, IP rating test report and so on. All of our products will pass standard quality verification process before ship out.





# FACTORY OVERVIEW

## About the factory and the showroom

A self-built factory of more than 24,000 square meters, with complete automatic and semi-automatic production equipment. Production capacity is guaranteed, provide good quality and fast delivery. Intelligent exhibition hall, to show customers the diversity of products. Rich production experience can reduce the problem of more products.





# EMPLOYEE PRESENCE

## About employee culture

Staff have regular training and team building activities, independent learning ability, high acceptance ability. Employees often share their ideas with each other, which helps us have a better sense of team spirit and innovative thinking. Employees have a wide range of interests, including sports, cooking, and the arts



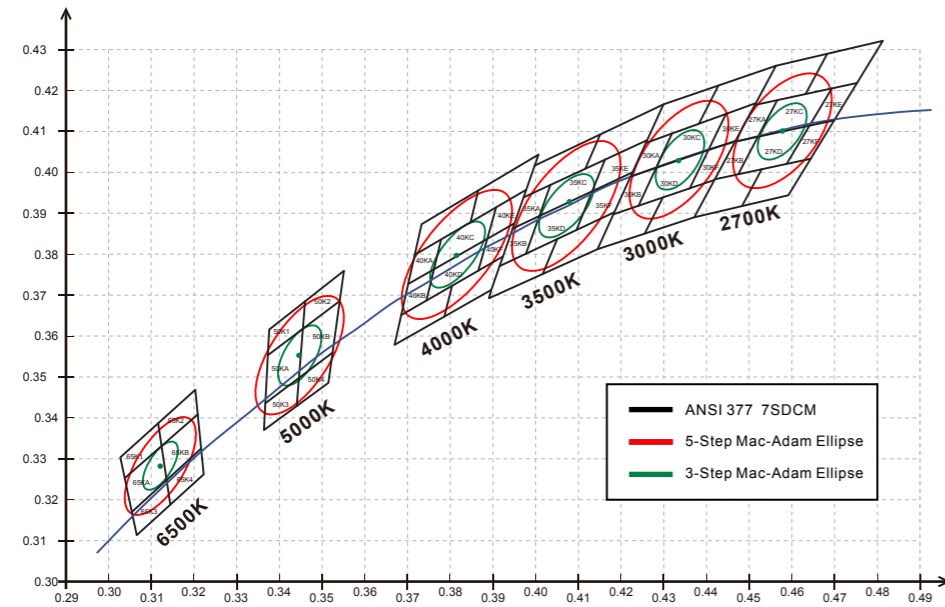
# Excellent Color Consistency

## ONE Binning

Make one order, one Binning, and ensure each order make the same Color.

More and more customers ask Rf and Rg index, and Let's make IES Rf/Rg versus CIE Ra, like the following photo.

BIN-Color Color consistency  
LED Color BIN definition(CIE 1931 UCS)



5-Step Mac-Adam Ellipse		
CCT	CCT range	Duv Range
2700 K	2725 K ± 100	0.000 ± 0.006
3000 K	3045 K ± 120	0.000 ± 0.006
3500 K	3465 K ± 175	0.000 ± 0.006
4000 K	3985 K ± 200	0.000 ± 0.006
5000 K	5028 K ± 200	0.000 ± 0.006
6500 K	6530 K ± 350	0.002 ± 0.006

3-Step Mac-Adam Ellipse		
CCT	CCT range	Duv Range
2700 K	2725 K ± 60	0.000 ± 0.006
3000 K	3045 K ± 70	0.000 ± 0.006
3500 K	3465 K ± 100	0.000 ± 0.006
4000 K	3985 K ± 120	0.000 ± 0.006
5000 K	5028 K ± 120	0.000 ± 0.006
6500 K	6530 K ± 200	0.000 ± 0.006

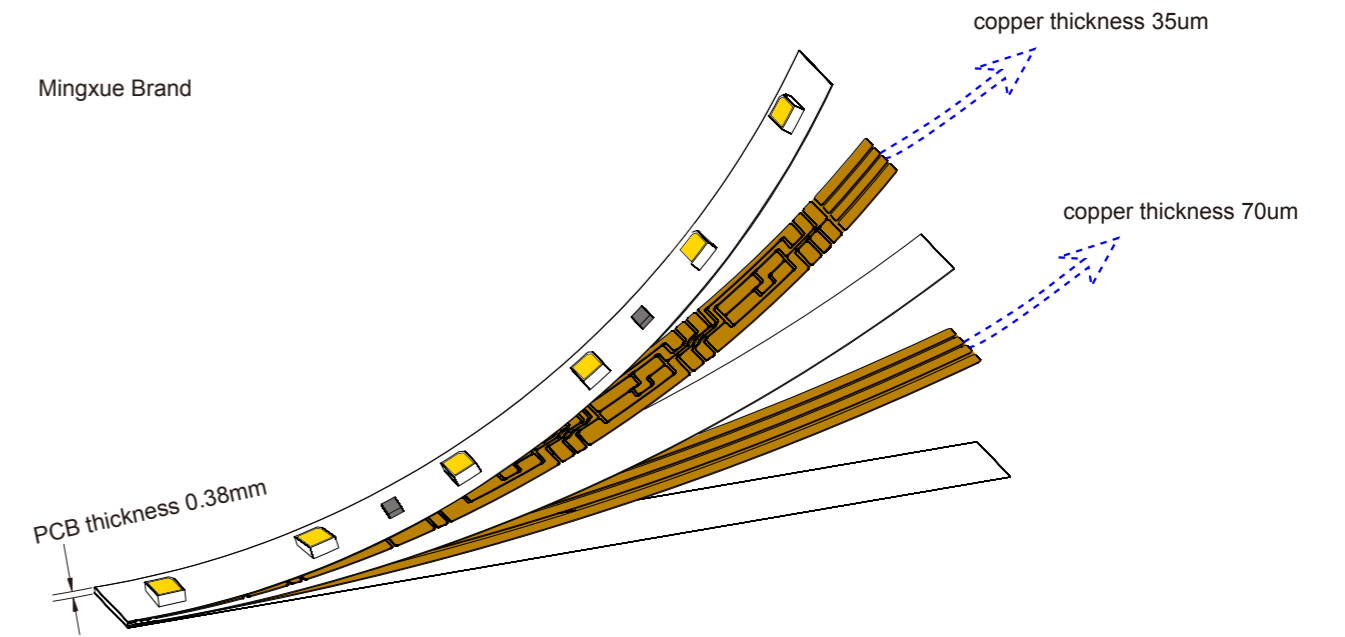
  

2-Step Mac-Adam Ellipse		
CCT	CCT range	Duv Range
2700 K	2725 K ± 40	0.000 ± 0.006
3000 K	3045 K ± 50	0.000 ± 0.006
3500 K	3465 K ± 70	0.000 ± 0.006
4000 K	3985 K ± 80	0.000 ± 0.006
5000 K	5028 K ± 80	0.000 ± 0.006
6500 K	6530 K ± 150	0.000 ± 0.006

# LED STRIP STRUCTURE

## Double layer copper pcb 3 ounce(3 oz)

Mingxue Brand



## x y Coordinate of 3-and 5-step MacAdam ellips

3-and 5-step MacAdam ellipse color bin definitions at 60mA, hot-color targeted at

NOMINAL CCT	COLOR SPACE	CENTER POINT (Cx, Cy)	MAJOR AXIS (a)	MINOR AXIS (b)	ELLIPSE ROTATION (ANGLE, θ)
2700K	Single 3-step MacAdam ellipse	(0.4578, 0.4101)	0.00810	0.00420	53.70°
	Single 5-step MacAdam ellipse	(0.4578, 0.4101)	0.01350	0.00700	53.70°
3000K	Single 3-step MacAdam ellipse	(0.4338, 0.4030)	0.00834	0.00408	53.22°
	Single 5-step MacAdam ellipse	(0.4338, 0.4030)	0.01390	0.00680	53.22°
3500K	Single 3-step MacAdam ellipse	(0.4073, 0.3917)	0.00927	0.00414	54.00°
	Single 5-step MacAdam ellipse	(0.4073, 0.3917)	0.01545	0.00690	54.00°
4000K	Single 3-step MacAdam ellipse	(0.3818, 0.3797)	0.00939	0.00402	53.72°
	Single 5-step MacAdam ellipse	(0.3818, 0.3797)	0.01565	0.00670	53.72°
5000K	Single 3-step MacAdam ellipse	(0.3447, 0.3553)	0.00822	0.00354	59.62°
	Single 5-step MacAdam ellipse	(0.3447, 0.3553)	0.01370	0.00590	59.62°
6500K	Single 3-step MacAdam ellipse	(0.3123, 0.3282)	0.00669	0.00285	58.57°
	Single 5-step MacAdam ellipse	(0.3123, 0.3282)	0.01115	0.00475	58.57°

Notes: maintains a tolerance of ± 0.005 on x and y coordinates in the CIE 1931 color space.

## 24V Voltage Drop

	PCB type	5W/M			10W/M			15W/M		
		6LED/Group	7LED/Group	8LED/Group	6LED/Group	7LED/Group	8LED/Group	6LED/Group	7LED/Group	8LED/Group
24V	12mm PCB	20M	17M	12M	16M	12M	9M	13W/M	10M	8M
24V	10mm PCB	19M	15M	11M	12M	9M	7M	10M	8M	7M
24V	8mm PCB	18M	13M	10M	11M	8M	6M	9M	7M	5M

## Color Division

Comapring of Color Difference 5SDCM/3SDCM/2SDCM





## Validation test



## PHOTOMETRIC TEST

Spectrum Analysis  
Photometric Distribution  
Lumen Maintenance&Life Time



## ELECTRICAL TEST

ESD test  
EMC Test(EMI & EMS)



## MECHANICS & PHYSICE TESTING

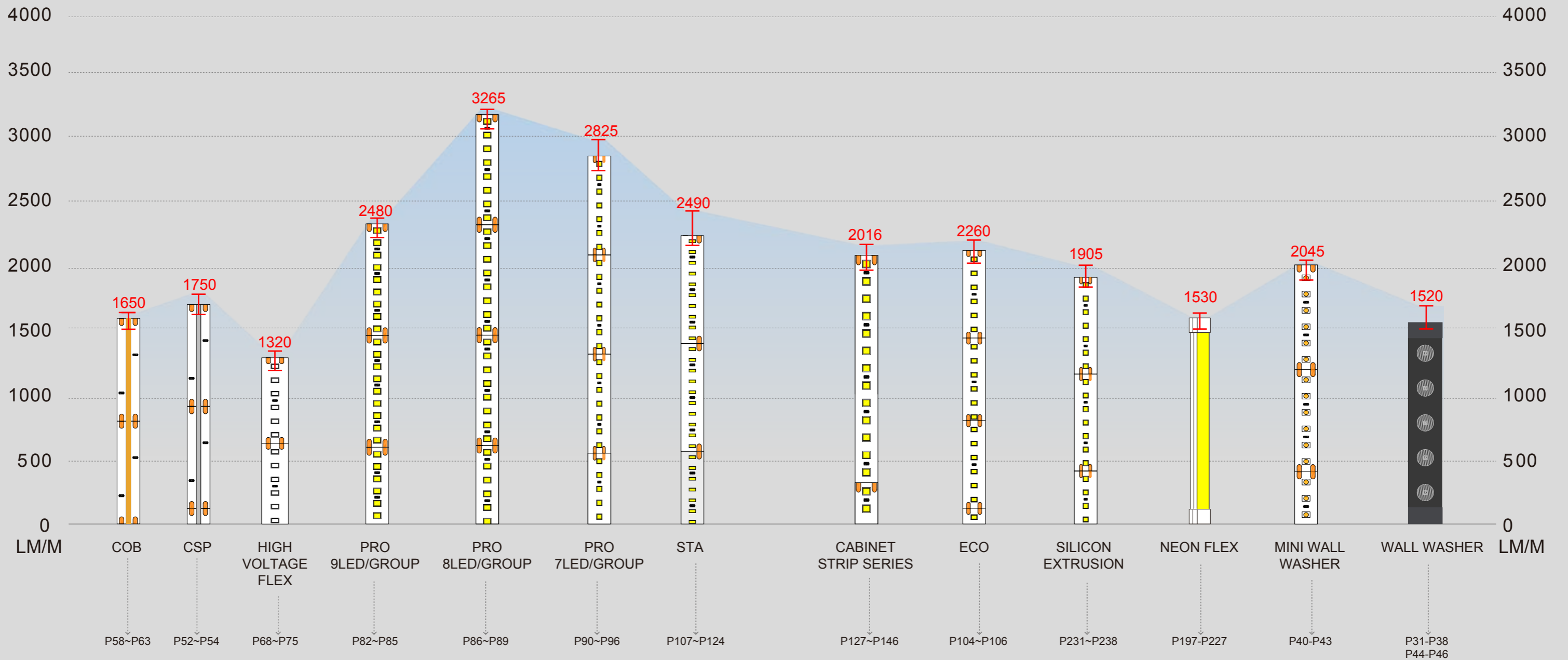
Bending Test Vertical  
Bending Test Horizontal  
Swing Test  
Tensile Test  
Twist Test  
Adhesion test

## ENVIRONMENT TESTING

Heating test  
Salt Spray Test  
High temperature and Humidity impact  
Temperature Shock Test  
UV Exposure Test  
IPX5 IPX6 IPX7 IPX8 Test  
IK test 06-08

# PRODUCT VIEW

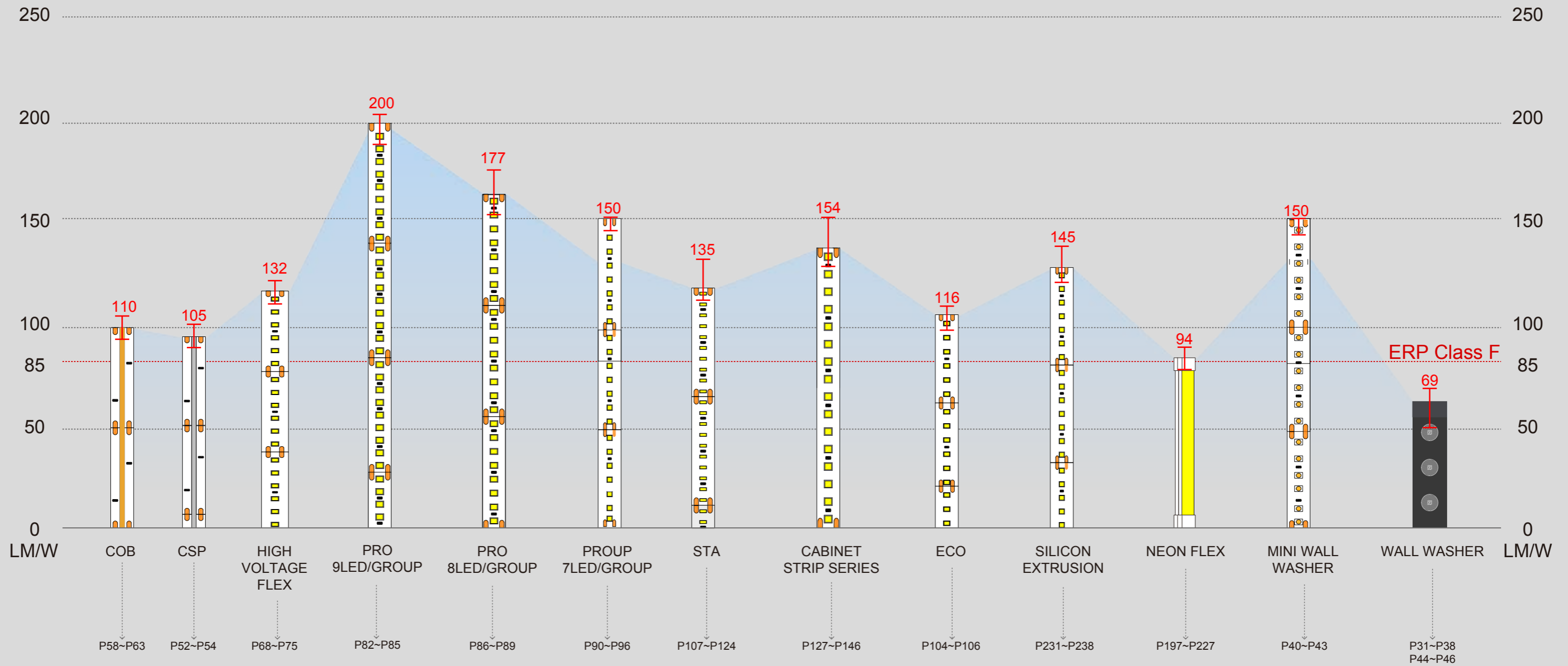
Lumen/M MAX





# PRODUCT VIEW

Eff MAX

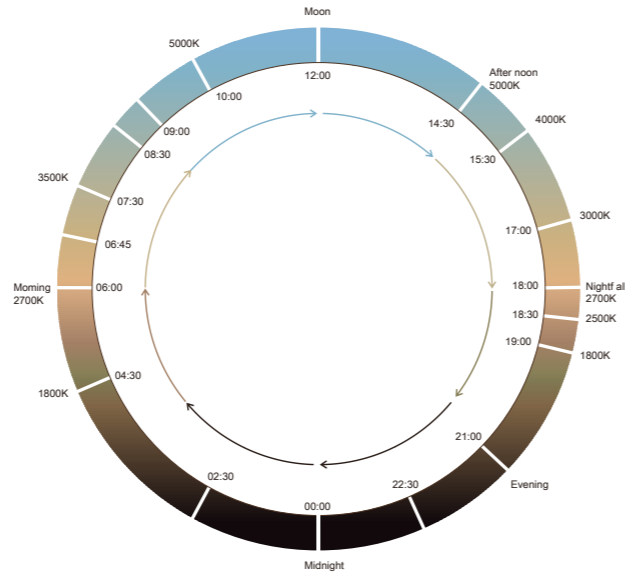


# CCT-Color Temperature

Color Temperature, commonly abbreviated as CCT. Color temperature describes the color emitted from a light source, and has a direct and more immediate influence on the appearance of an object.

CCT is a number, measured in degrees Kelvin, that helps to describe the relative warmth or coolness of a light source. Most LED Light range from 2700K (Warm White Color, like nightfall and morning) to 5000K or higher (white daylight color, like afternoon time)

Simulating the sunlight with reference to the 12-hour sunlight color in the daytime, helps us to produce LED strips which are infinitely close to sunlight to make people comfortable. As shown in the picture on the right.



## CCT Application

When we use an artificial light source such as an LED light, we are attempting to "reproduce" the colors of natural daylight in order to help the objects appear the same as they do when they are under natural daylight.

For most residential applications, 2700K and 3000K are preferred color temperature options as they both create an inviting and relaxing environment.

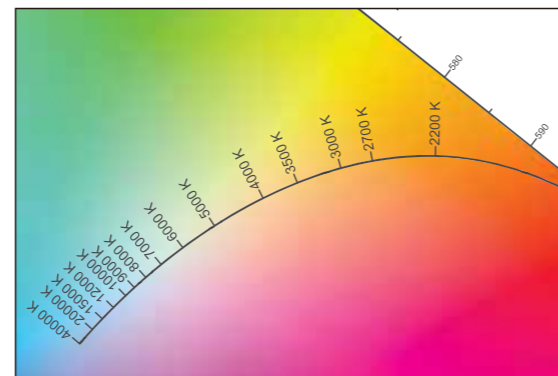
For retail or commercial applications, 4000K is a popular color option for a crisper, energetic shade of white. For industrial or task-oriented application, 5000K or 6500K are preferred color options as these color temperatures best match natural daylight.



2700K-3000K Application



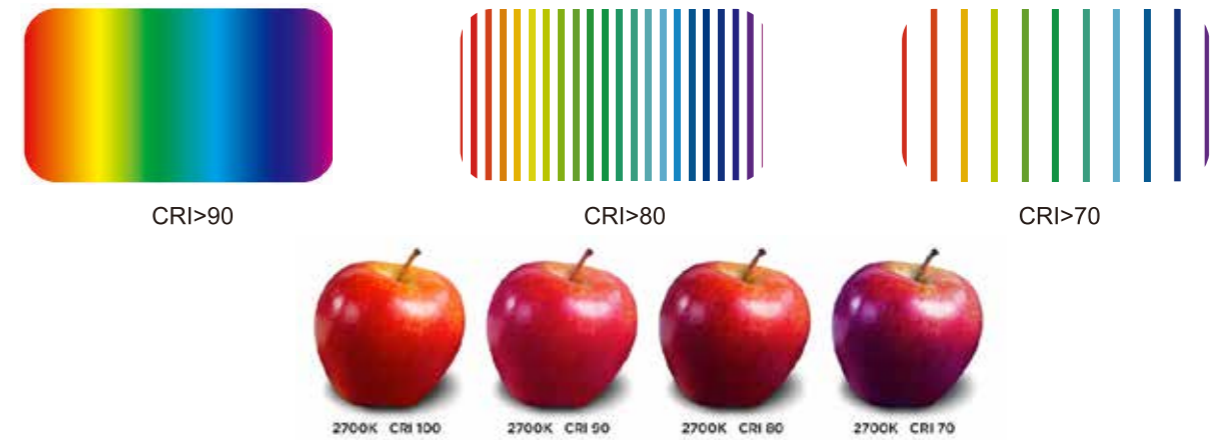
4000K-6500K Application



Reference to Colormetrics CIE 1931

# CRI-Color Rendering Index

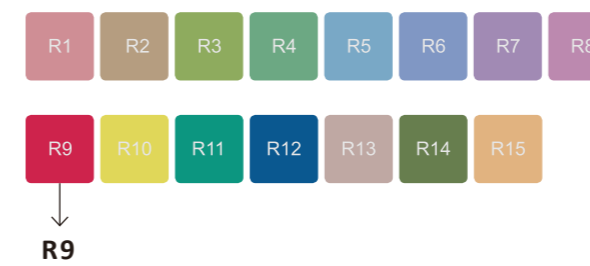
Put simply, the Color Rendering Index (CRI) measures the ability of a light source to accurately reproduce the colors of the object it illuminates. If without a high CRI light source, objects can appear faded, dull or inaccurate. CRI values over 90 are considered as excellent, while scores below 80 are considered as poor. (the below fig.)



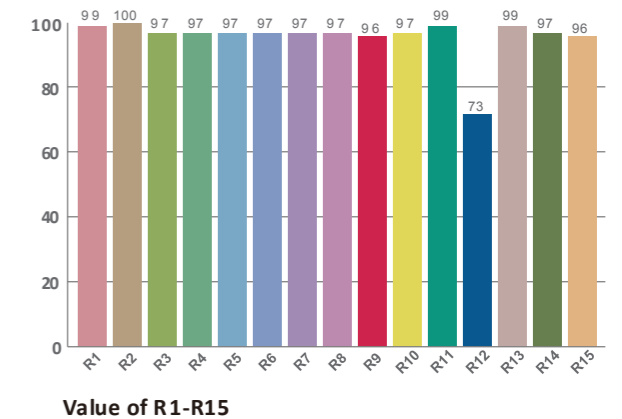
## Extended CRI

Extended CRI is calculated as the average value of R1 through R15. Notably, extended CRI captures the influence of saturated colors such as deep RED (R9) and strong BLUE (R12).

CRI can be further broken down into sub-scores known as "R" values, which also have a maximum of 100. Each "R" value represents the light source's color rendering ability for a particular color or object.



R9 score of 50 or above would be considered as "good", while R9 score of 90 or above considered "excellent."



## Why is Deep RED (R9) an important color?

If an artificial light source lacks red emission, it will perform poorly on the R9 scale, and also make the objects look pale, or even green.

When searching for a high color quality LED, be sure to inquire about CRI value as well as its R9 value.

# 24V Voltage Drop

Wire (AWG)	LED Strip 15W/M	60W Driver	80W Driver	100W Driver	150W Driver	200W Driver	350W Driver
12	12V/24V/48V	4m/4m/4m	5m/5m/5m	6.5m/6.5m/6.5m	10m/10m/10m	10m/13m/13m	10m/20m/23m
14	12V/24V/48V	4m/4m/4m	5m/5m/5m	6.5m/6.5m/6.5m	6.5m/10m/10m	6.5m/13m/13m	6.5m/13m/23m
16	12V/24V/48V	4m/4m/4m	4m/5m/5m	4m/6.5m/6.5m	4m/8m/10m	4m/8m/13m	4m/8m/16.5m
18	12V/24V/48V	2.5m/4m/4m	2.5m/5m/5m	2.5m/5m/6.5m	2.5m/5m/10m	2.5m/5m/10m	2.5m/5m/10m
20	12V/24V/48V	1.5m/3.5m/4m	1.5m/3.5m/5m	1.5m/3.5m/6.5m	1.5m/3.5m/6.5m	1.5m/3.5m/6.5m	1.5m/3.5m/6.5m
22	12V/24V/48V	1m/2m/4m	1m/2m/4m	1m/2m/4m	1m/2m/4m	1m/2m/4m	1m/2m/4m

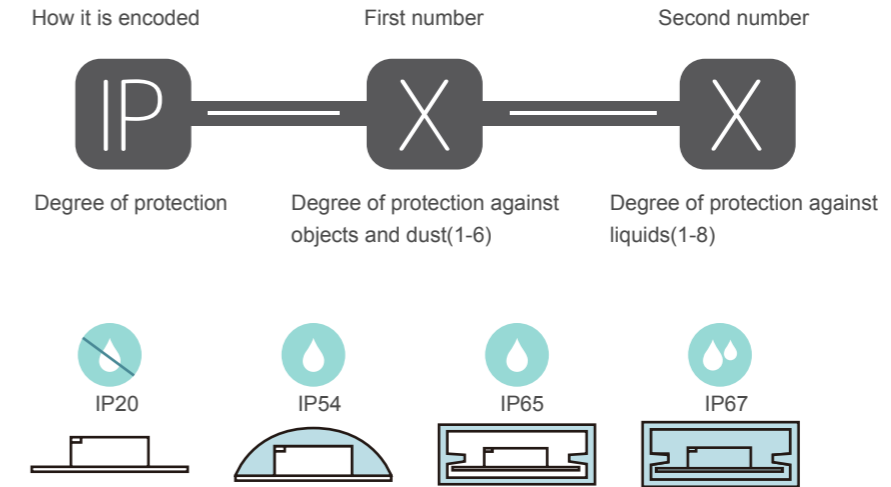
\*Notd: The test data base on main wire Max length is 5M

## ELECTRICAL WIRING COLOR CODES

MONOCOLOR		Red: V+ Black: GND	
CCT		Red: V+ White: C Yellow: W	
RGB		Black: V+ Red: R Green: G Blue: B	
RGBW		Black: V+ Red: R Green: G Blue: B White: W	
SPI		Red: V+ Yellow: DAT White: GND	
DMX		Black: GND White: PI/PO Blue: A Green: B Red: V+	
RGBCCT		Black: V+ Red: R Green: G Blue: B White: C Yellow: W	

# IP

Degree of protection against the penetration of solid bodies(1st digit) and against liquids(2nd digit).



## First number

Not protected	Protected against solid bodies of more than 50mm	Protected against solid bodies of more than 12mm	Protected against solid bodies of more than 2.5mm
Protected against solid bodies of more than 1mm	Protected against the penetration of dust	Completely dust-tight	

## Second number

Not protected	Protected against the vertical drop of water droplets	Protected against vertical drops of water droplets with a maximum inclination of 15°	Protected against fine rain(sprayed)	Protected against water projections
Protected against water jets	Protected against strong jets of water or against the rough sea	Protected against the effects of temporary immersion	Protected against prolonged immersion	

# Item Code

M	F	3	28	W	030	A	80	D	027	A	1	A	10	01	N	04	08	Z	A
company	product category	voltage	LED type	color of strip	LEDs per meter	IP rating	Color rendering index	color of PCB	Color temperature	wire Connection	3M tape	PCB printing type	PCB width	Series and parallel	Control mode	width of Noen	height of Neon	Luminous surface	Neon Outlet mode
Mingxue	F:flexible strip R:Aluminum strip N:Neon strip	1:DC5V 2:DC12V 3:DC24V ....	04:CSP 09:COB 2L:2835 Lens ....	W:white Z:RGBW U:CCT ....	(0)30:30 LED/M (0)60:60 LED/M ....	A:IP20 C:IP65 E:IP67 ....	70:RA70-79 80:RA80-89 90:RA90-94 ....	A:yellow C:white E:black ....	027:2700K 030:3000K 065:6500K ....	A:red black wire I:3 PIN wire J:4PIN wire ....	1:yellow 3M tape 2:white 3M tape 3:red 3M tape ....	A:with scissors without logo C:with scissors with logo T:Other special ....	05:5mm 10:10mm 12:12mm ....	01:1 led 1 series 09:9 leds 1 series ....	N:no control S:SPI X:DMX ....	04:4mm width 12:12mm width 20:20mm width ....	08:8mm height 12:12mm height 25:25mm height ....	Z:top view C:side view Y:360 degree lighting ....	A:Linear Outlet Injection Molded ....

■ Company name ( fixed )    ■ Variable parameter

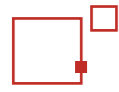
## IP rating

products	IP20 A:Naked PCB	IP54 T:Nano Coating	IP65 C:PU glue coating D:Silicone glue coating	IP65 E:PVC extrusion	IP65 G:Silicone tube	IP67 H:PU tube & PU gule coating	IP67 Q:Hollow Silicone Extrusion	IP67 F:Silicone tube	IP68 S:Solid Silicone Extrusion
CSP Series	✓				✓		✓	✓	
COB Series	✓				✓		✓	✓	
HIGH VOLTAGE				✓					
SMD Pro	✓	✓	✓		✓	✓	✓	✓	✓
SMD STA	✓	✓	✓		✓	✓	✓	✓	✓
SMD ECO	✓	✓	✓		✓	✓	✓	✓	✓
Cabinet	✓	✓	✓				✓		✓
Pixel	✓		✓		✓	✓	✓	✓	✓
Silicon							✓		✓
Neon							✓		✓
Mini Wallasher	✓						✓		
Wallasher							✓		

## Extrusion material comparison

compared item	silicone	PVC	PU
UV/ yellowing resistance	★★★★★	★★★★☆	★★★★☆
High temperature resistance (ambient)	🌡️250°C	🌡️80°C	🌡️80°C
Low temperature resistance (ambient)	🌡️-50°C	🌡️-20°C	🌡️-20°C
Enviromental protection	★★★★★	★★★★☆	★★★★★
Adsorbability	★★★★★	★★★★☆	★★★★☆
Formaldehyde resistance	☹️	😊	☹️
Strong acid resistance	★★★★★	★★★★☆	★★★★★
Strong alkali resistance	★★★★★	★★★★☆	★★★★☆
Heat dissipation	😊	☹️	☹️
Color temperature consistency	😊	😊	☹️
Tensile strength	★★★★★	★★★★★	★★★★☆

Note: Please refer to the instruction manual for electronic parts



# NEON connection ways and accessories

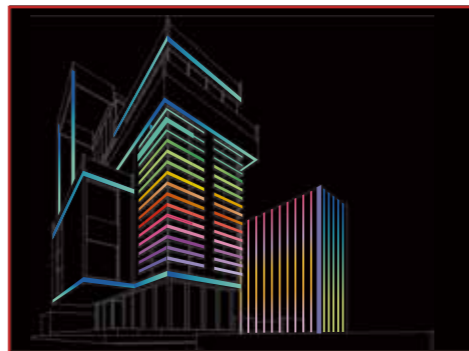
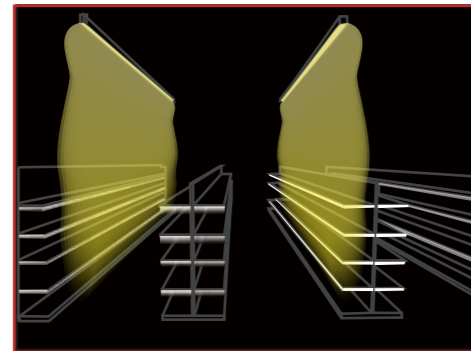
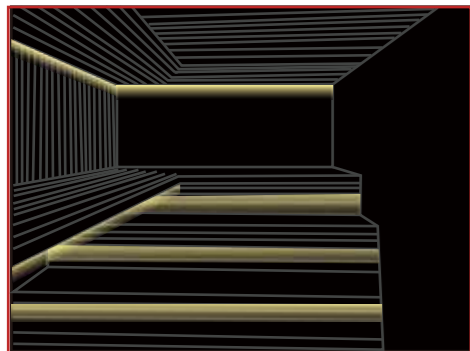
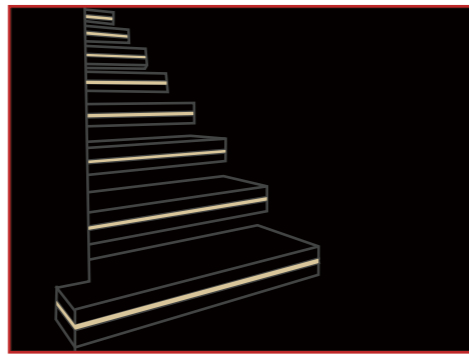
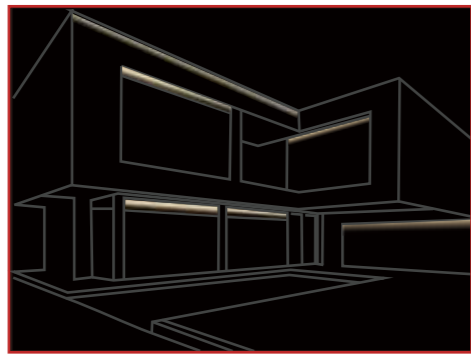
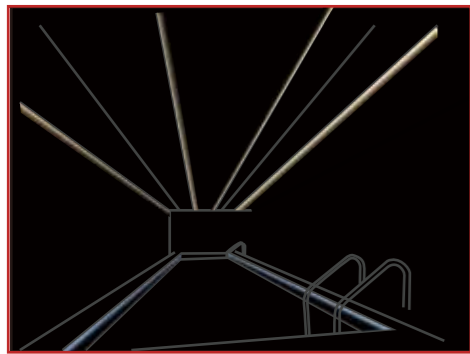
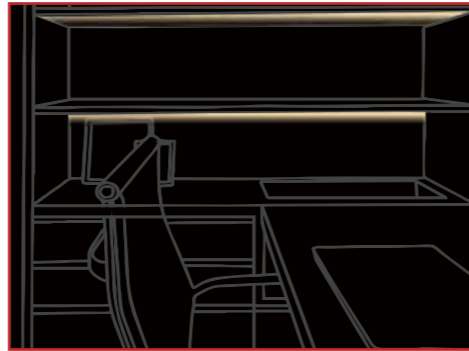
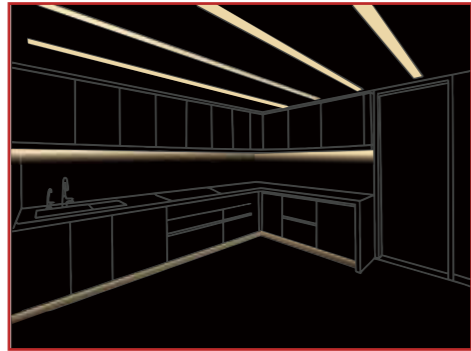
(Neon products:page186~200)

● Single color  
 ● CCT  
 ● RGB  
● RGBW  
 ● RGB SPI  
 ● RGB DMX

DIMENSION			0910 Hollow extrusion	1312 Hollow extrusion	1514 Hollow extrusion	0805 Hollow extrusion	1005 Hollow extrusion	1205 Hollow extrusion	1506 Hollow extrusion	1010 Solid extrusion	1010 Pro Solid extrusion	1212 Solid extrusion	1616 Solid extrusion	0408 Hollow extrusion	0612 Solid extrusion	0816 Solid extrusion	1220 Solid extrusion	0817 Solid extrusion	1225 Solid extrusion	1616 Solid extrusion	360 D25 Solid extrusion	3D 1616 Solid extrusion	
Accessory type	Photo	IP Rate																					
Light direction		IP65	Top view										Side view						Top/Side view				
Linear outlet Snap Connector		IP65																					
Left outlet Snap Connector		IP65																					
Right Outlet Snap Connector		IP65																					
Bottom Outlet Snap Connector Monocolor		IP65																					
Snap End Connector		IP65																					
Linear Outlet Injection Molded Connector		IP65																					
Right Outlet Injection Molded Connector		IP67																					
Left Outlet Injection Molded Connector		IP67																					
Bottom Outlet Injection Molded Connector		IP67																					
Injection Molded End Connector		IP67																					
Linear Outlet Plug Fit Silicone Cap		IP67																					
Left Outlet Plug Fit Silicone Cap		IP67																					
Right Outlet Plug Fit Silicone Cap		IP67																					
Bottom Outlet Plug Fit Silicone Cap		IP67																					
Injection Molded Plug Fit Silicone Cap		IP67																					
Aluminium Profile		IP65	✓	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
Silicone cap		IP65				✓	✓	✓	✓														
PC Profile		IP65	✓	✓	✓			✓		✓	✓										✓		
Recessed Aluminium		IP65											✓				✓					✓	
Stainless Steel Brackets		IP65								✓	✓	✓	✓								✓		



# PRODUCTS CATALOG



## MX 01 WALL WASHER SERIES

3030SMD/24LED 10°60°	31
3030SMD/24LED 20°30°	32
3030SMD/24LED 45°	33
3535SMD/24LED 20°30° DMX RGBW	34
3535SMD/24LED 45° DMX RGBW	35
3535SMD/24LED 10°60° DMX RGBW	36
2835SMD/140LED 45° 18° 11mm	37
2835SMD/140LED 30° 20° 16mm	38
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# n1

## WALL WASHER STRIP SERIES

The wall washer strip allows the light to be more concentrated on the wall Or other specific areas to highlight a local decorative effect. In some art display, building facade or stage background and other scenes, the wall washer can create a unique light and shadow effect, enhance the artistic atmosphere of the space.



IP Rate



Multiple angle



Strong flexibility

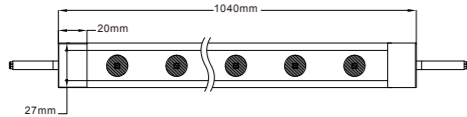


Warranty

# WALL WASHER SERIES

## 3030SMD/24LED 10\*60°

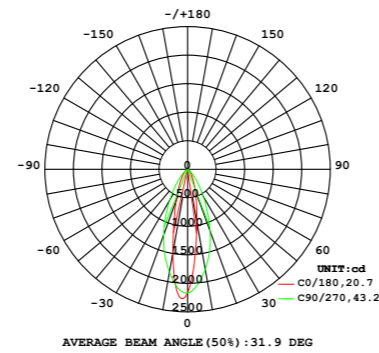
- Can be bent vertically and horizontally;
- 10\*60° /20\*30° / 45° Lens for multiple angles;
- High light effect 3030/3535 LED can be white light /DMX RGBW version;
- Using constant current IC design, IP67 waterproof, IK07;



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF330W24Q80-D040G6A16106n-27272B	24	24V	27	4000K	80	1,620	494	60	IP67	16mm

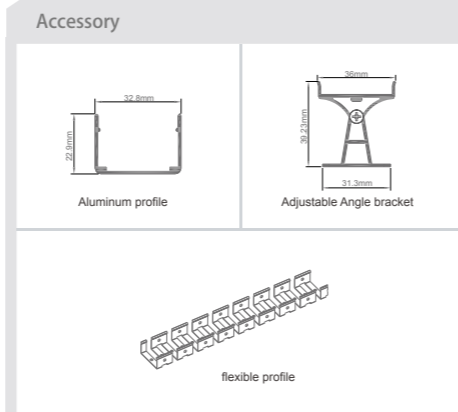
### Optical parameters

LED Type:	SMD3030
Color Rendering Index:	80
CCT Range:	4000K
Irritation Angle:	10*60°
Light Efficiency:	60Lm/w
Lumen Output/meter/ft:	1620Lm/m (494Lm/ft)



### Electric parameters

Input Current/m:	1.13A/m (0.35A/ft)
Input Voltage:	DC24V
Power/M:	27W/m (8.24W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	24LEDs/m



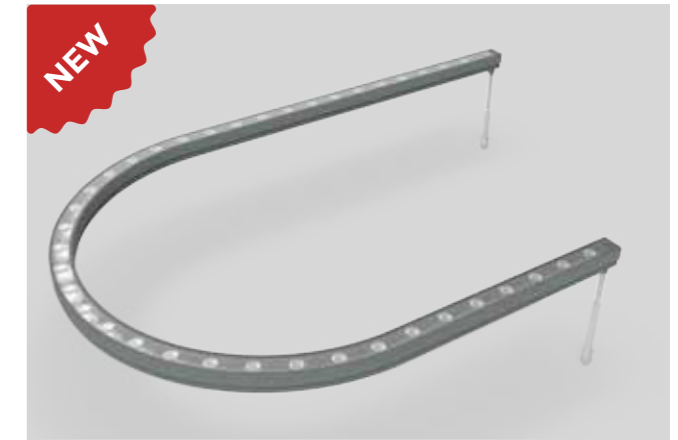
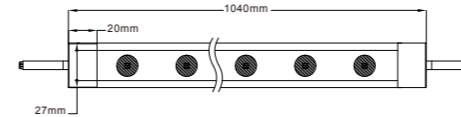
### Waterproof Rate



# WALL WASHER SERIES

## 3030SMD/24LED 20\*30°

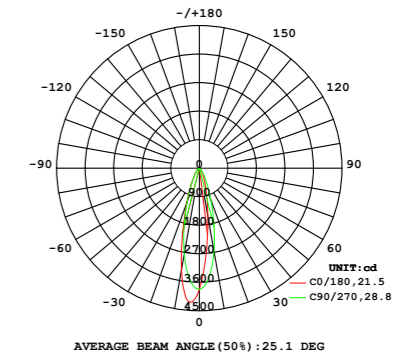
- Can be bent vertically and horizontally;
- 10\*60° /20\*30° / 45° Lens for multiple angles;
- High light effect 3030/3535 LED can be white light /DMX RGBW version;
- Using constant current IC design, IP67 waterproof, IK07;



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF330W024Q80-D040G6A16106N-27272B	24	24V	27	4000K	80	2,214	675	82	IP67	16mm

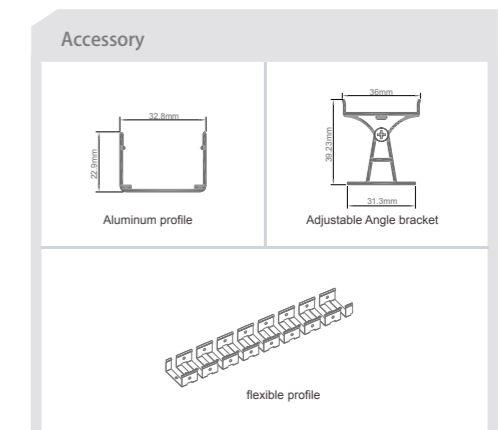
### Optical parameters

LED Type:	SMD3030
Color Rendering Index:	80
CCT Range:	4000K
Irritation Angle:	20*30°
Light Efficiency:	82Lm/w
Lumen Output/meter/ft:	2214Lm/m (675Lm/ft)



### Electric parameters

Input Current/m:	1.13A/m (0.35A/ft)
Input Voltage:	DC24V
Power/M:	27W/m (8.24W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	24LEDs/m



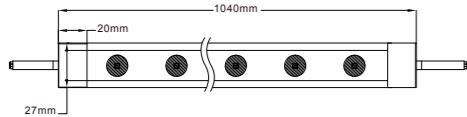
### Waterproof Rate



# WALL WASHER SERIES

## 3030SMD/24LED 45°

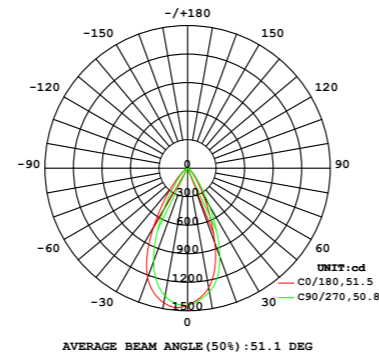
- Can be bent vertically and horizontally;
- 10°/60° /20°/30° / 45° Lens for multiple angles;
- High light effect 3030/3535 LED can be white light /DMX RGBW version;
- Using constant current IC design, IP67 waterproof, IK07;



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF330W024Q80-D040G6A16106N-2727ZB03	24	24V	27	4000K	80	1,809	552	67	IP67	16mm

### Optical parameters

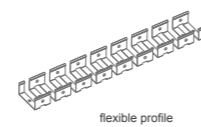
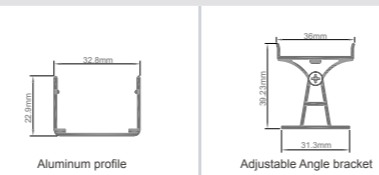
LED Type:	SMD3030
Color Rendering Index:	80
CCT Range:	4000K
Irritation Angle:	45°
Light Efficiency:	67Lm/w
Lumen Output/meter/ft:	1809Lm/m (552Lm/ft)



### Electric parameters

Input Current/m:	1.13A/m (0.35A/ft)
Input Voltage:	DC24V
Power/M:	27W/m (8.24W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	24LEDs/m

### Accessory



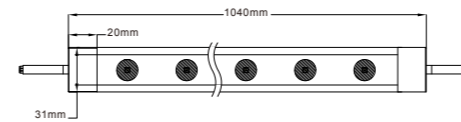
### Waterproof Rate



# WALL WASHER SERIES

## 3535SMD/24LED 20\*30° DMX RGBW

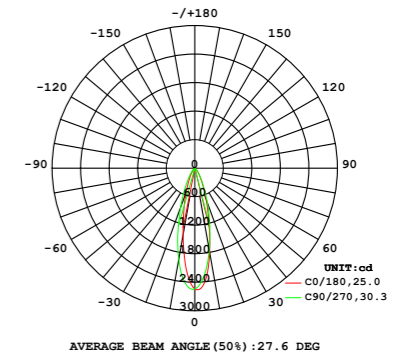
- Can be bent vertically and horizontally;
- 10°/60° /20°/30° / 45° Lens for multiple angles;
- High light effect 3030/3535 LED can be white light /DMX RGBW version;
- Using constant current IC design, IP67 waterproof, IK07;



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF355Z024Q80-D040W6A16106D-2727ZB	24	24V	27	RGBW	80	1,180	362	44	IP67	16mm

### Optical parameters

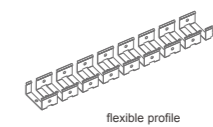
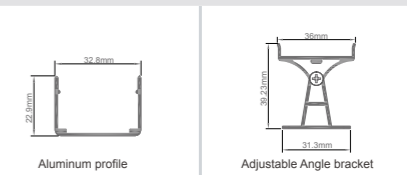
LED Type:	SMD3535
Color Rendering Index:	80
CCT Range:	4000K/RGBW
Irritation Angle:	20*30°
Light Efficiency:	44Lm/w
Lumen Output/meter/ft:	1188Lm/m (362Lm/ft)



### Electric parameters

Input Current/m:	1.13A/m (0.35A/ft)
Input Voltage:	DC24V
Power/M:	27W/m (8.24W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	24LEDs/m

### Accessory



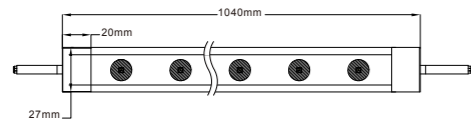
### Waterproof Rate



# WALL WASHER SERIES

## 3535SMD/24LED 45° DMX RGBW

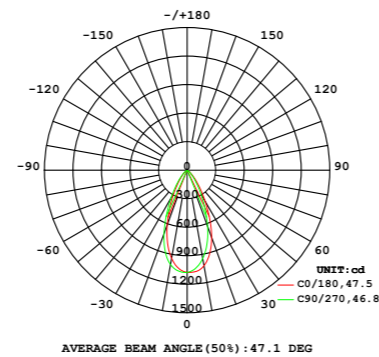
- Can be bent vertically and horizontally;
- 10\*60° / 20\*30° / 45° Lens for multiple angles;
- High light effect 3030/3535 LED can be white light /DMX RGBW version;
- Using constant current IC design, IP67 waterproof, IK07;



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	
MF355Z024Q80-D040W6A16106D-2727ZB03	24	24V	27	4000K	RGBW	80	1,000	305	37	IP67	16mm

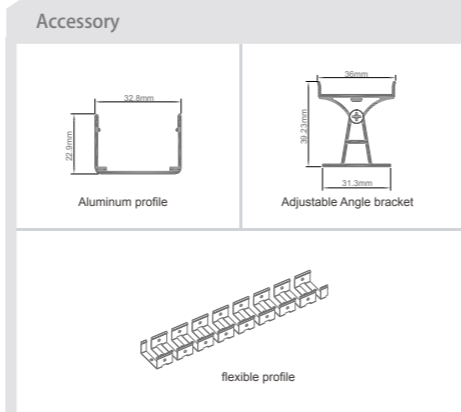
### Optical parameters

LED Type:	SMD3535
Color Rendering Index:	80
CCT Range:	4000K/RGBW
Irritation Angle:	45°
Light Efficiency:	37Lm/w
Lumen Output/meter/ft:	1000Lm/m (305Lm/ft)



### Electric parameters

Input Current/m:	1.13A/m (0.35A/ft)
Input Voltage:	DC24V
Power/M:	27W/m (8.24W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	24LEDs/m



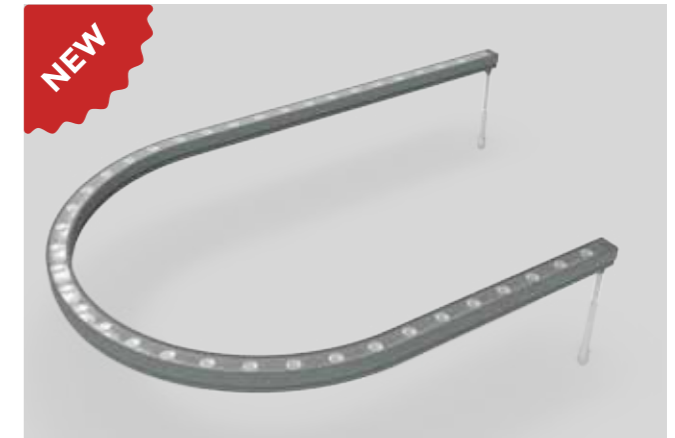
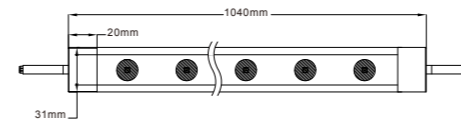
### Waterproof Rate



# WALL WASHER SERIES

## 3535SMD/24LED 10\*60° DMX RGBW

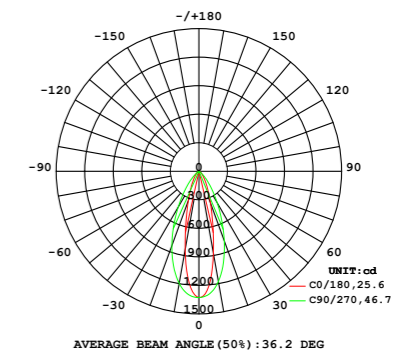
- Can be bent vertically and horizontally;
- 10\*60° / 20\*30° / 45° Lens for multiple angles;
- High light effect 3030/3535 LED can be white light /DMX RGBW version;
- Using constant current IC design, IP67 waterproof, IK07;



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	
MF330W024Q80-D040G6A16106N-2727ZB02	24	24V	27	4000K	RGBW	80	945	288	35	IP67	16mm

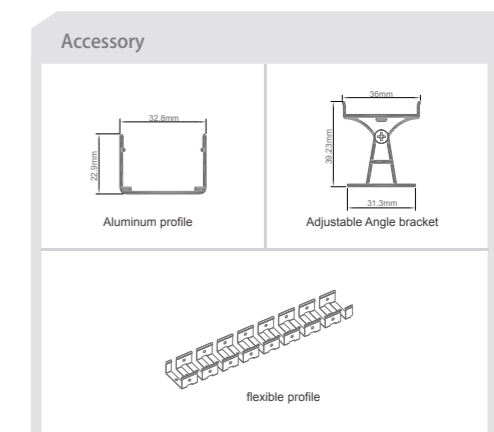
### Optical parameters

LED Type:	SMD3535
Color Rendering Index:	80
CCT Range:	4000K/RGBW
Irritation Angle:	10*60°
Light Efficiency:	35Lm/w
Lumen Output/meter/ft:	945Lm/m (288Lm/ft)



### Electric parameters

Input Current/m:	1.13A/m (0.35A/ft)
Input Voltage:	DC24V
Power/M:	27W/m (8.24W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	24LEDs/m



### Waterproof Rate

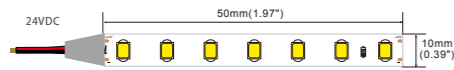




# WALL WASHER SERIES

## ● 2835SMD/140LED 45° 18\*11mm

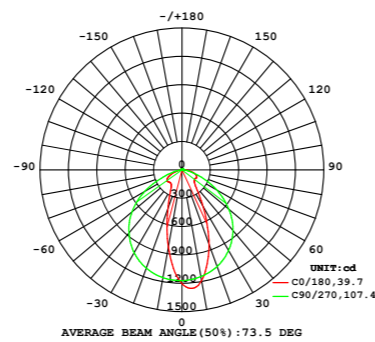
- Optimize the structure design and improve the optical efficiency. The material is resistant to flame retardant and UV;
- 5M/roll, can do Monochrome, CCT and RGB version;
- Can reach IP67 protection level, used indoors and outdoors;



Item Code	LEDs/ meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V140Q80-D027A6A10107N-1811ZA	140	24V	14.4	2700K	80	1,670	509	116	IP67	10mm
MF328V140Q80-D030A6A10107N-1811ZA	140	24V	14.4	3000K	80	1,757	536	122	IP67	10mm
MF328V140Q80-D040A6A10107N-1811ZA	140	24V	14.4	4000K	80	1,843	562	128	IP67	10mm
MF328V140Q80-D050A6A10107N-1811ZA	140	24V	14.4	5000K	80	1,843	562	128	IP67	10mm
MF328V140Q80-D060A6A10107N-1811ZA	140	24V	14.4	6000K	80	1,843	562	128	IP67	10mm

### Optical parameters

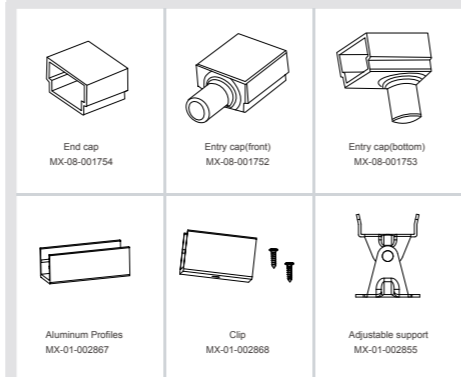
LED Type:	SMD2835
Color Rendering Index:	80
CCT Range:	2700K~6000K
Irritation Angle:	45°
Light Efficiency:	116-128Lm/w
Lumen Output/meter/ft:	1670-1843Lm/m (509-562Lm/ft)
Energy Grade:	E



### Electric parameters

Input Current/m:	0.6A/m (0.18A/ft)
Input Voltage:	DC24V
Power/M:	14.4W/m (4.39W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m

### Accessory



### Waterproof Rate



# WALL WASHER SERIES

## ● 2835SMD/140LED 30° 20\*16mm

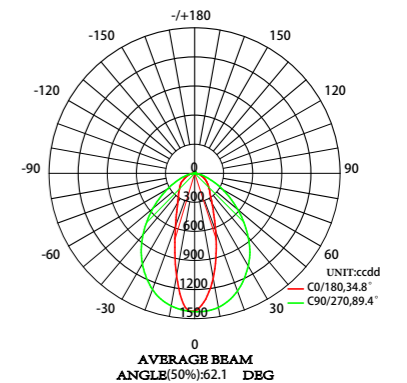
- Optimize the structure design and improve the optical efficiency. The material is resistant to flame retardant and UV;
- 5M/roll, can also cut as required length;
- Can reach IP65/IP67 protection level, used indoors and outdoors;



Item Code	LEDs/ meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MN328V140Q80-D027G6A10107N-2016ZA	140	24V	16	2700K	80	1,552	473	97	IP67	10mm
MN328V140Q80-D030G6A10107N-2016ZA	140	24V	16	3000K	80	1,648	502	103	IP67	10mm
MN328V140Q80-D040G6A10107N-2016ZA	140	24V	16	4000K	80	1,728	527	110	IP67	10mm
MN328V140Q80-D050G6A10107N-2016ZA	140	24V	16	5000K	80	1,744	532	108	IP67	10mm
MN328V140Q80-D060G6A10107N-2016ZA	140	24V	16	6000K	80	1,760	537	109	IP67	10mm

### Optical parameters

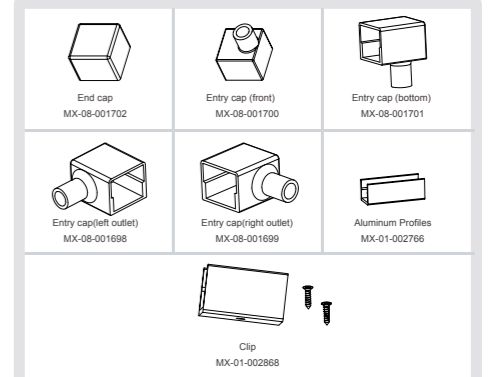
LED Type:	SMD2835
Color Rendering Index:	80
CCT Range:	2700K-6000K
Irritation Angle:	30°
Light Efficiency:	97-110Lm/w
Lumen Output/meter/ft:	1552-1760Lm/m (473-537Lm/ft)
Energy Grade:	E



### Electric parameters

Input Current/m:	0.67A/m (0.2A/ft)
Input Voltage:	DC24V
Power/M:	16W/m (4.88W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m

### Accessory



### Waterproof Rate





## WALL WASHER SERIES

### ● 2835SMD/84LED-CV

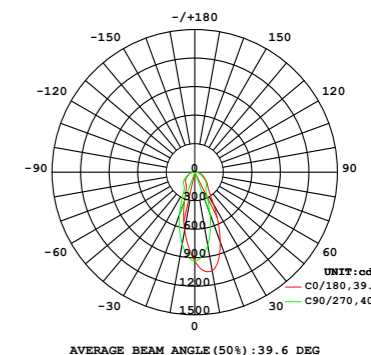
- Adopt 36° beam angle LED polarized lens;
- Effectively improve the illuminance value, CD value can reach 2000CD;
- With constant current IC design, can support up to 10M without voltage drop;
- Can do white light, CCT, DMX white light different.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF32LW084A80-D040A1A10107N	84	24V	8	2700K	80	923	288	115	IP20	10mm
	84	24V	8	3000K	80	974	304	122	IP20	10mm
	84	24V	8	4000K	80	1,025	320	128	IP20	10mm
	84	24V	8	5000K	80	1,035	323	129	IP20	10mm
	84	24V	8	6500K	80	1,045	326	131	IP20	10mm

#### Optical parameters

LED Type:	2835Lens LED
Color Rendering Index:	80
CCT Range:	2700K 3000K 4000K 5000K 6500K
Irritation Angle:	36°
Light Efficiency:	115~131Lm/w
Lumen Output/meter/ft:	923~1045Lm/m (288~326Lm/ft)
Energy Grade:	E



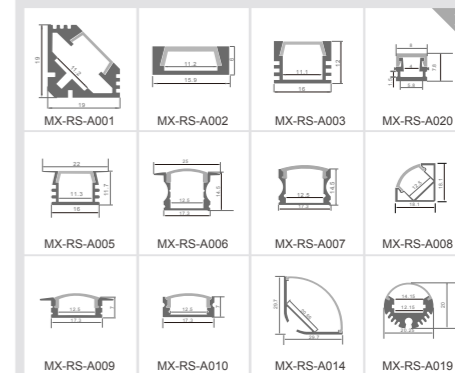
#### Electric parameters

Input Current/m:	0.33A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	8W/m (2.5W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	84LEDs/m
Size of Section:	83.3mm(3.27")
LEDs of Section	7 LEDs

#### Waterproof Rate



#### Recommended Profiles

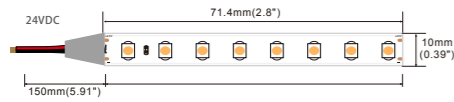




# WALL WASHER SERIES

## 2835SMD/112LED-CV

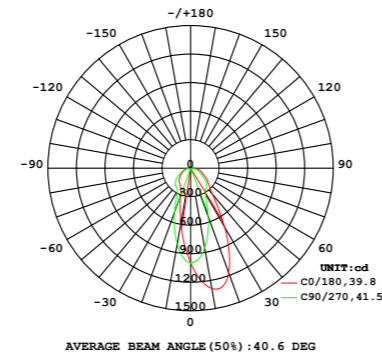
- Adopt 36° beam angle LED polarized lens;
- Effectively improve the illuminance value, CD value can reach 2000CD;
- With constant current IC design, can support up to 10M without voltage drop;
- Can do white light, CCT, DMX white light different.



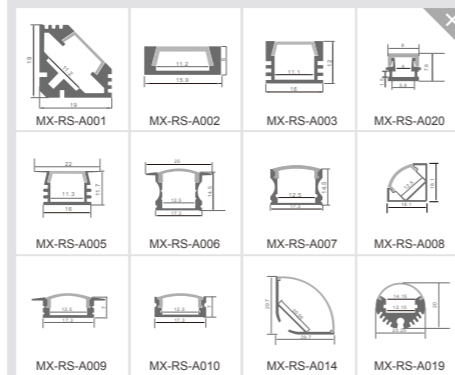
Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF32LW112A80-D040A1F10108N	112	24V	9.6	4000K	80	1,275	398	133	IP20	10mm

### Optical parameters

LED Type:	2835Lens LED
Color Rendering Index:	80
CCT Range:	4000K
Irritation Angle:	36°
Light Efficiency:	133Lm/w
Lumen Output/meter/ft:	1275Lm/m (398Lm/ft)
Energy Grade:	E



### Recommended Profiles



### Waterproof Rate



# WALL WASHER SERIES

## 2835SMD/126LED-CV

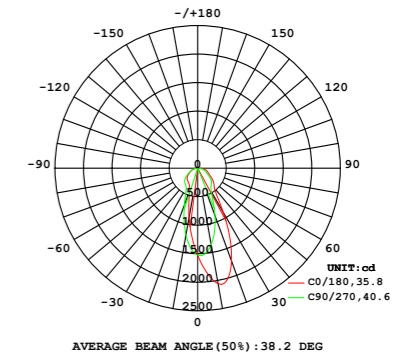
- Adopt 36° beam angle LED polarized lens;
- Effectively improve the illuminance value, CD value can reach 2000CD;
- With constant current IC design, can support up to 10M without voltage drop;
- Can do white light, CCT, DMX white light different.



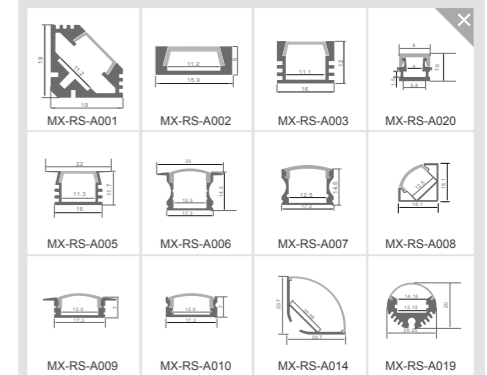
Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF32LW126A80-D040A1F10107N	126	24V	15	4000K	80	1,600	500	128	IP20	10mm

### Optical parameters

LED Type:	2835 Lens LED
Color Rendering Index:	80
CCT Range:	4000K
Irritation Angle:	36°
Light Efficiency:	128Lm/w
Lumen Output/meter/ft:	1600Lm/m (500Lm/ft)
Energy Grade:	E



### Recommended Profiles



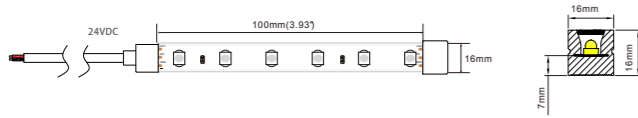
### Waterproof Rate



# WALL WASHER SERIES

## 5050SMD/60LED SPI RGB

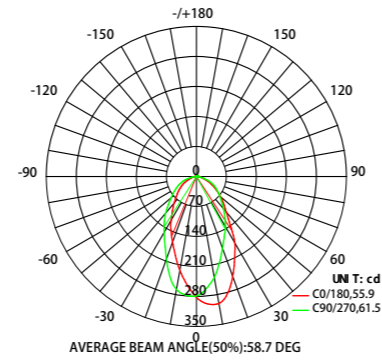
- Use 5050 lens LED lamp beads, Effectively improve the illumination value;
- Can do different versions of RGB SPI /DMX white light;
- 5M/roll, can also cut as required length;
- Can reach IP65 protection level, used indoors and outdoors.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF35LA060Q00-D000D6F10106S	60	24V	13.5	SPI RGB	N/A	440	134	33	IP65	10mm

### Optical parameters

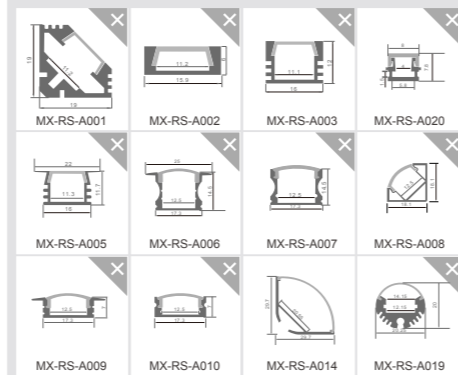
LED Type:	5050Lens LED
Color Rendering Index:	N/A
CCT Range:	SPI RGB
Irritation Angle:	60°
Light Efficiency:	33Lm/w
Lumen Output/meter/ft:	440Lm/m (134Lm/ft)



### Electric parameters

Input Current/m:	0.56A/m (0.17A/ft)
Input Voltage:	DC24V
Power/M:	13.5W/m (4.11W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.93")
LEDs of Section	6LEDs

### Recommended Profiles



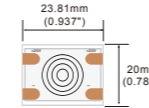
### Waterproof Rate



# WALL WASHER SERIES

## 2835SMD/42LED

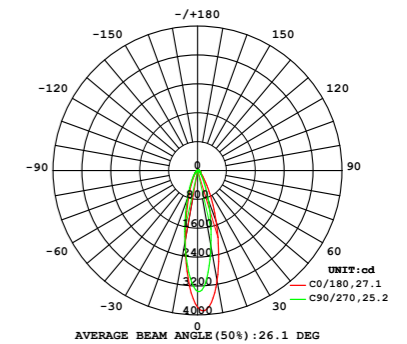
- Adopting TPU material, it's resistant to yellowing, high temperature, corrosion, weak acid and alkali, and has great flexibility;
- PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability;
- It can replace the traditional hard wall washer light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



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V042H90-D027B3A18101N	42	24V	20	2700K	90	1,335	407	67	IP65	18mm
MF328V042H90-D030B3A18101N	42	24V	20	3000K	90	1,414	430	71	IP65	18mm
MF328V042H90-D040B3A18101N	42	24V	20	4000K	90	1,483	452	74	IP65	18mm
MF328V042H90-D050B3A18101N	42	24V	20	5000K	90	1,483	452	74	IP65	18mm
MF328V042H90-D060B3A18101N	42	24V	20	6000K	90	1,483	452	74	IP65	18mm

### Optical parameters

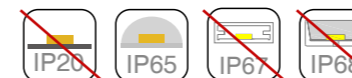
LED Type:	SMD2835+ LENS
Color Rendering Index:	90
CCT Range:	2700/3000/4000/5000/6000K
Irritation Angle:	30/45/30*45DEG FOR CHOICE
Light Efficiency:	67~74Lm/w
Lumen Output/meter/ft:	1335~1483Lm/m (407~452Lm/ft)



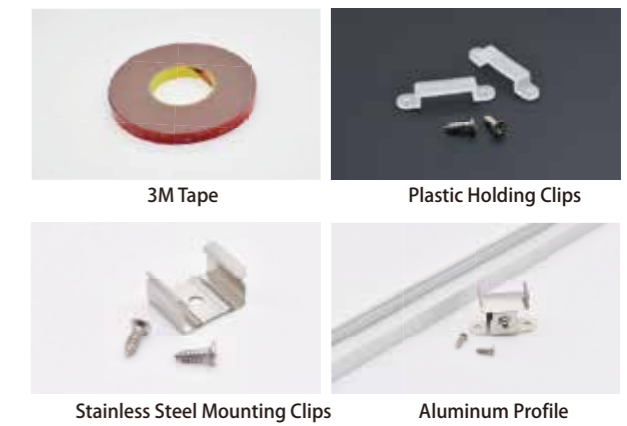
### Electric parameters

Input Current/m:	0.83A/m (0.25A/ft)
Input Voltage:	DC24V
Power/M:	20W/m (6.09W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	42LEDs/m
Size of Section:	23.81mm(0.937")
LEDs of Section	1 LEDs

### Waterproof Rate



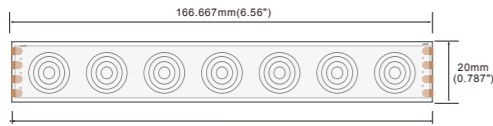
### Accessories



# WALL WASHER SERIES

## 5050SMD/42LED RGB

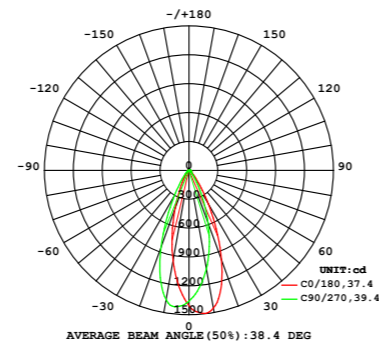
- Various beam angles (30°, 65°, 25\*45°) are available for different applications.
- PU glue is used for filling and sealing;
- Adopting TPU material, and has great flexibility;
- Small in size, light in weight, flexible and easy to install.



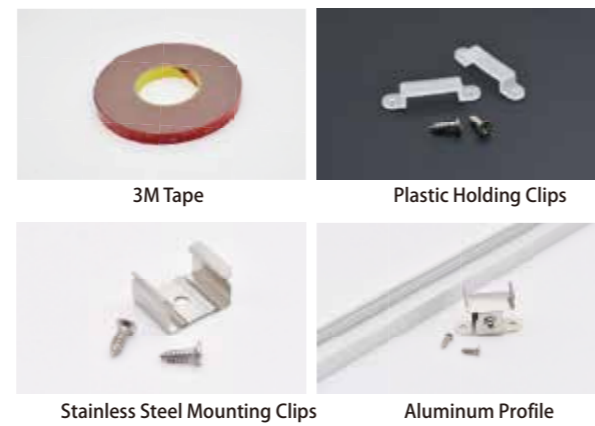
Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350A042H00-D000A3A18107N	42	24V	20	RGB	N/A	785	239	39	IP65	18mm
MF350A042H00-D000A3A18107N	42	24V	6	R	N/A	273	83	46	IP65	18mm
MF350A042H00-D000A3A18107N	42	24V	6	G	N/A	445	136	74	IP65	18mm
MMF350A042H00-D000A3A18107N	42	24V	6	B	N/A	90	27	15	IP65	18mm

### Optical parameters

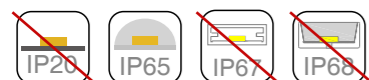
LED Type:	SMD5050+Lens LED
Color Rendering Index:	N/A
CCT Range:	RGB
Irritation Angle:	30° /65° /25*45° For choice
Light Efficiency:	15~74Lm/w(4.58~22.5 W/ft)
Lumen Output/meter/ft:	90~785Lm/m (27~239Lm/ft)



### Accessories



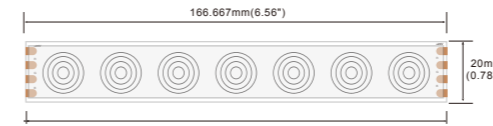
### Waterproof Rate



# WALL WASHER SERIES

## 5050SMD/42LED RGBW

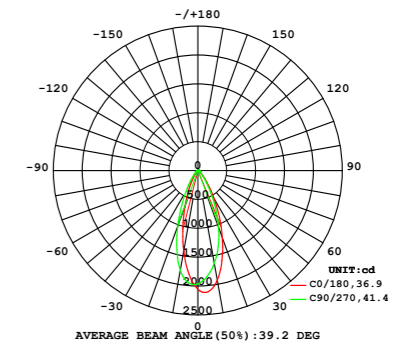
- Various beam angles (30°, 65°, 25\*45°) are available for different applications.
- PU glue is used for filling and sealing;
- Adopting TPU material, and has great flexibility;
- Small in size, light in weight, flexible and easy to install.



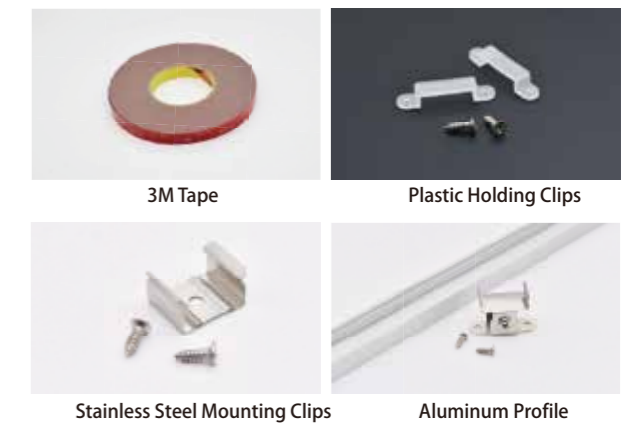
Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350A042H90-D030E3A18107N	42	24V	20	RGBW	N/A	1,098	335	55	IP65	18mm
MF350A042H90-D030E3A18107N	42	24V	5	R	N/A	220	67	44	IP65	18mm
MF350A042H90-D030E3A18107N	42	24V	5	G	N/A	444	135	89	IP65	18mm
MF350A042H90-D030E3A18107N	42	24V	5	B	N/A	114	35	23	IP65	18mm
MF350A042H90-D030E3A18107N	42	24V	5	W	3000K	383	117	77	IP65	18mm

### Optical parameters

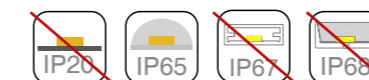
LED Type:	SMD5050+Lens
Color Rendering Index:	W:90
CCT Range:	RGBW
Irritation Angle:	30° /65° /25*45° For choice
Light Efficiency:	23~89Lm/w
Lumen Output/meter/ft:	114~1098Lm/m (35~335Lm/ft)



### Accessories



### Waterproof Rate









**ENERGY**

SUPPLIER'S NAME  
XXXXX XXXX XXXXXX

A  
B  
C  
D  
E  
F  
G

XX  
kWh/1000h

2019/2015



# MS

## CSP SERIES

CSP strip adopts advanced packaging technology, with high stability, longer product life. CSP strip has high transmittance, high refractive index, Luminous uniformity, no spot. Its luminous mode can be single side, three surface, 360° or curved surface light, adapt to different application scenarios.

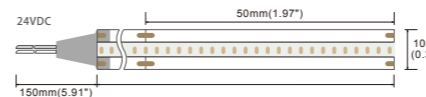




## CSP SERIES

### ● CSP CCT 640LED

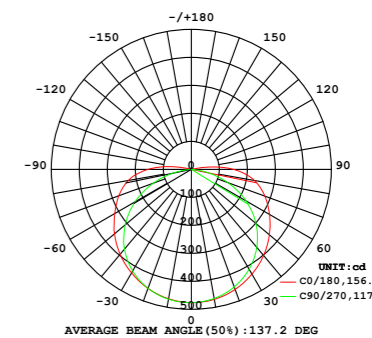
- Zero light spot, uniform light;
- Flip chips;CSP encapsulation technology without wire bonding;
- Flip chips has bigger pole for high current & work more stable;
- Ta:-25~40°C; Tc: 75°C (max)
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF304U640A90-D80111A10124N	320	24V	10	2700K	80	850	266	89	IP20	10mm
	640	24V	20	4000K	80	1,750	547	92	IP20	10mm
	320	24V	10	6000K	80	960	281	95	IP20	10mm

#### Optical parameters

LED Type:	CSP 640LED
Color Rendering Index:	Ra > 80
CCT Range:	2700K~6000K(CCT Turnable)
Irritation Angle:	140°
Light Efficiency:	89~95Lm/w
Lumen Output/meter/ft:	850~1750Lm/m (266~281Lm/ft)
Energy Grade:	F



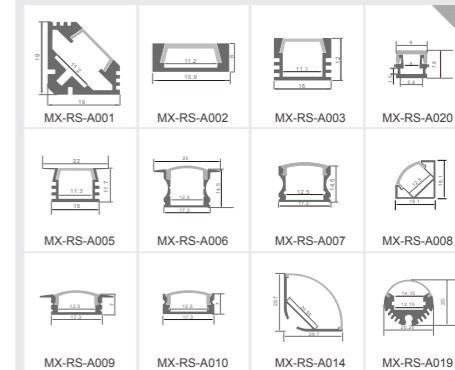
#### Electric parameters

Input Current/m:	0.84A/m (0.26A/ft)
Input Voltage:	DC24V
Power/M:	20W/m (6.1W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	640LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	32 LEDs

#### Waterproof Rate



#### Recommended Profiles

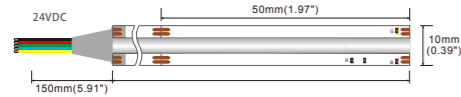




# CSP SERIES

## ● CSP RGB 840LED

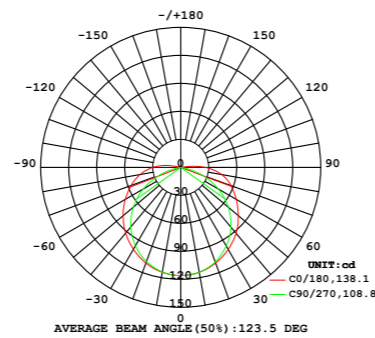
- Zero light spot, uniform light;
- Flip chips;CSP encapsulation technology without wire bonding;
- Flip chips has bigger pole for high current & work more stable;
- Ta:-25~40°C; Tc: 75°C (max)
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF304A840A00-D000J1A10142N	280	24V	4	Red (620~630)	N/A	100	20	15	IP20	10mm
	280	24V	4	Green (515~525)	N/A	240	60	91	IP20	10mm
	280	24V	4	Blue (460~470)	N/A	50	12	13	IP20	10mm
	840	24V	12	RGB	N/A	360	30	48	IP20	10mm

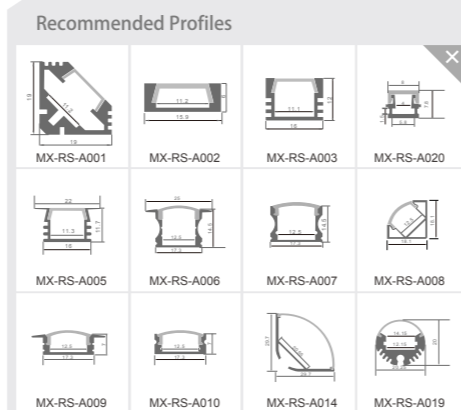
### Optical parameters

LED Type:	CSP 840LED
Color Rendering Index:	N/A
CCT Range:	RGB
Irritation Angle:	140°
Light Efficiency:	13~91Lm/w
Lumen Output/meter/ft:	50~360Lm/m (15~113Lm/ft)
Energy Grade:	N/A



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC24V
Power/M:	12W/m (13.66W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	840LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	42 LEDs



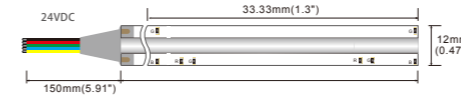
### Waterproof Rate



# CSP SERIES

## ● CSP RGBW 840LED

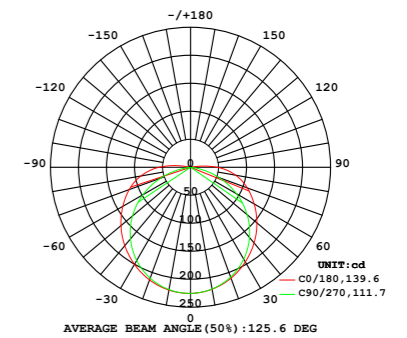
- Zero light spot, uniform light;
- Flip chips;CSP encapsulation technology without wire bonding;
- Flip chips has bigger pole for high current & work more stable;
- Ta:-25~40°C; Tc: 75°C (max)
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF304Z840A90-D027K1AF12128N	210	24V	5	Red	N/A	120	38	24	IP20	12mm
	210	24V	5	Green	N/A	250	78	50	IP20	12mm
	210	24V	5	Blue	N/A	60	19	12	IP20	12mm
	210	24V	5	4000K	80	430	134	86	IP20	12mm
	840	24V	20	RGBW	N/A	860	269	43	IP20	12mm

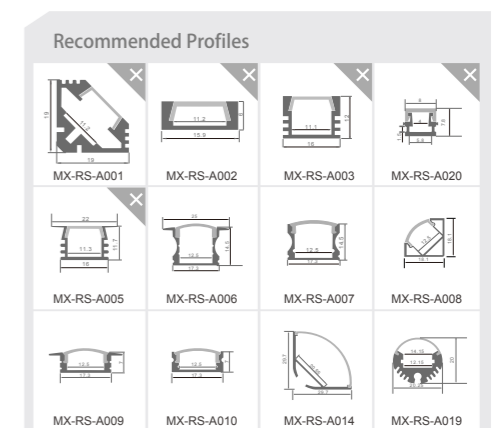
### Optical parameters

LED Type:	CSP 840LED
Color Rendering Index:	Ra > 80
CCT Range:	RGBW
Irritation Angle:	140°
Light Efficiency:	12~86Lm/w
Lumen Output/meter/ft:	120~860Lm/m (38~269Lm/ft)
Energy Grade:	N/A



### Electric parameters

Input Current/m:	0.83A/m (0.25A/ft)
Input Voltage:	DC24V
Power/M:	20W/m (6W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	840LEDs/m
Size of Section:	33.33mm(1.3")
LEDs of Section	28 LEDs



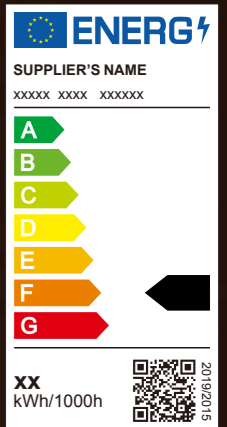
### Waterproof Rate



# MR

## COB SERIES

The high brightness of the COB strip is one of its most notable features. By combining multiple LED chips in parallel, the COB strip can provide more intense brightness than the strip light, which is suitable for places requiring high brightness lighting. In addition, its light is uniform, there is no obvious spot and color difference, to ensure that the lighting effect is more natural.



- 3000 K
- 4000 K
- 5000 K
- 6500 K
- CCT



# COB SERIES

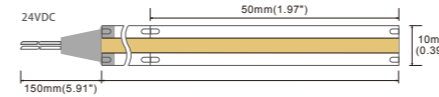
## Turnable color temperature

Can be adjusted to the light suitable for the environment according to customer needs, according to different scenes, different people's needs, also can meet the needs of various color temperature



## COB 280LED

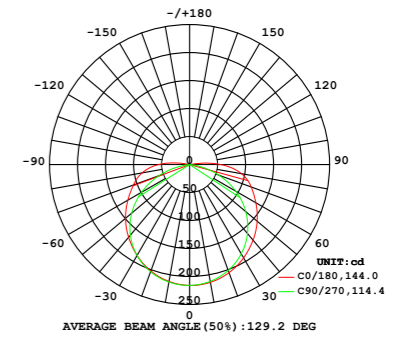
- Zero light spot, uniform light;
- Flip chips; COB encapsulation technology without wire bonding;
- Flip chips has bigger pole for high current & work more stable;
- Ta: -25~40°C; Tc: 75°C (max)
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF309V280A90-D027A1A10114N	280	24V	8	2700K	90	702	219	88	IP20	10mm
MF309V280A90-D030A1A10114N	280	24V	8	3000K	90	740	232	93	IP20	10mm
MF309W280A90-D040A1A10114N	280	24V	8	4000K	90	780	244	98	IP20	10mm
MF309W280A90-D050A1A10114N	280	24V	8	5000K	90	780	244	98	IP20	10mm
MF309W280A90-D060A1A10114N	280	24V	8	6000K	90	780	244	98	IP20	10mm

### Optical parameters

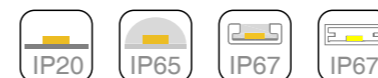
LED Type:	COB 280LED
Color Rendering Index:	Ra > 90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	180°
Light Efficiency:	88~98Lm/w
Lumen Output/meter/ft:	702~780Lm/m (219~243Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	0.33A/m (0.1A/ft)
Input Voltage:	DC24V
Power/M:	8W/m (2.43W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	280LEDs/m
Size of Section:	50mm (1.97")
LEDs of Section	14 LEDs

### Waterproof Rate



### Recommended Profiles

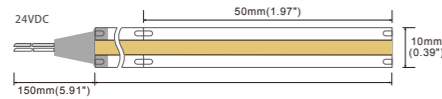




# COB SERIES

## COB 320LED

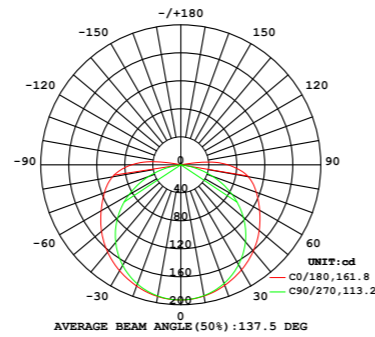
- Zero light spot, uniform light;
- Flip chips; COB encapsulation technology without wire bonding;
- Flip chips has bigger pole for high current & work more stable;
- Ta: -25~40°C; Tc: 75°C (max)
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF309V320A90-D027A1A10216N	320	24V	10	2700K	90	690	216	86	IP20	10mm
MF309V320A90-D030A1A10216N	320	24V	10	3000K	90	730	228	91	IP20	10mm
MF309W320A90-D040A1A10216N	320	24V	10	4000K	90	760	238	95	IP20	10mm
MF309W320A90-D050A1A10216N	320	24V	10	5000K	90	760	238	95	IP20	10mm
MF309W320A90-D060A1A10216N	320	24V	10	6000K	90	760	238	95	IP20	10mm

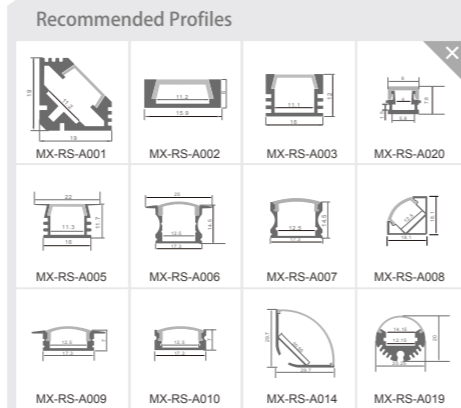
### Optical parameters

LED Type:	COB 320LED
Color Rendering Index:	Ra > 90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	180°
Light Efficiency:	86~95Lm/w
Lumen Output/meter/ft:	690~760Lm/m (216~238Lm/ft)
Energy Grade:	F



### Electric parameters

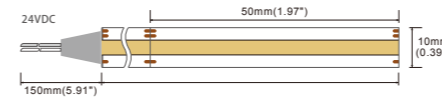
Input Current/m:	0.33A/m (0.1A/ft)
Input Voltage:	DC24V
Power/M:	10W/m (2.4W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	320LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	16 LEDs



# COB SERIES

## COB 420LED

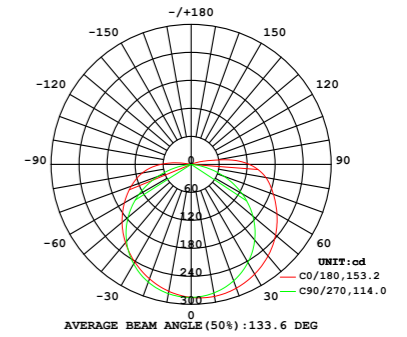
- Zero light spot, uniform light;
- Flip chips; COB encapsulation technology without wire bonding;
- Flip chips has bigger pole for high current & work more stable;
- Ta: -25~40°C; Tc: 75°C (max)
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF309V420A90-D027A1A10221N	420	24V	12	2700K	90	1,026	321	86	IP20	10mm
MF309V420A90-D030A1A10221N	420	24V	12	3000K	90	1,083	338	90	IP20	10mm
MF309W420A90-D040A1A10221N	420	24V	12	4000K	90	1,140	356	95	IP20	10mm
MF309W420A90-D050A1A10221N	420	24V	12	5000K	90	1,140	356	95	IP20	10mm
MF309W420A90-D060A1A10221N	420	24V	12	6000K	90	1,140	356	95	IP20	10mm

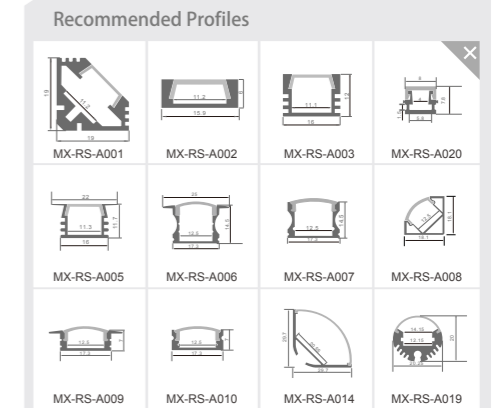
### Optical parameters

LED Type:	COB 420LED
Color Rendering Index:	Ra > 90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	180°
Light Efficiency:	86~95Lm/w
Lumen Output/meter/ft:	1026~1140Lm/m (321~356Lm/ft)
Energy Grade:	F



### Electric parameters

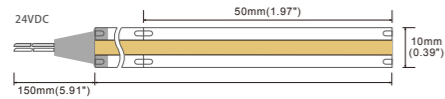
Input Current/m:	0.5A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12W/m (3.65W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	420LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	21 LEDs



# COB SERIES

## COB 480LED

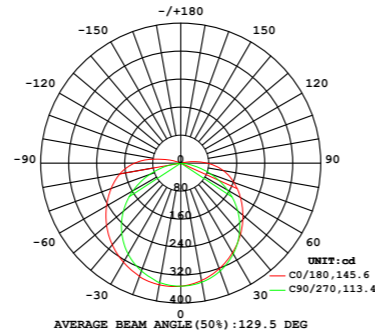
- Zero light spot, uniform light;
- Flip chips; COB encapsulation technology without wire bonding;
- Flip chips has bigger pole for high current & work more stable;
- Ta: -25~40°C; Tc: 75°C (max)
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF309V480A90-D027A1A10124N	480	24V	12	2700K	90	1,080	329	90	IP20	10mm
MF309V480A90-D030A1A10124N	480	24V	12	3000K	90	1,140	356	95	IP20	10mm
MF309W480A90-D040A1A10124N	480	24V	12	4000K	90	1,200	365	100	IP20	10mm
MF309W480A90-D050A1A10124N	480	24V	12	5000K	90	1,200	365	100	IP20	10mm
MF309W480A90-D060A1A10124N	480	24V	12	6000K	90	1,200	365	100	IP20	10mm

### Optical parameters

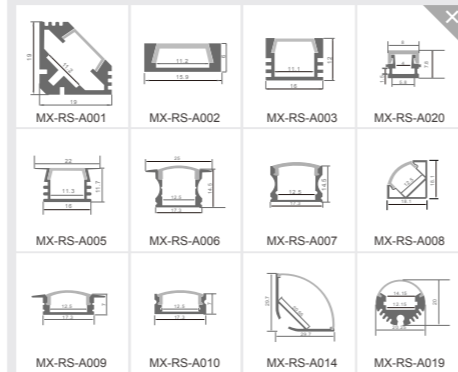
LED Type:	COB 480LED
Color Rendering Index:	Ra > 90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	180°
Light Efficiency:	90~100Lm/w
Lumen Output/meter/ft:	1080~1200Lm/m (329~365Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.50A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12W/m (3.7W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	480LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	24 LEDs

### Recommended Profiles



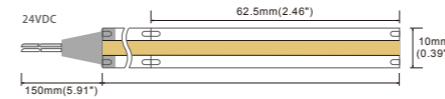
### Waterproof Rate



# COB SERIES

## COB 512LED

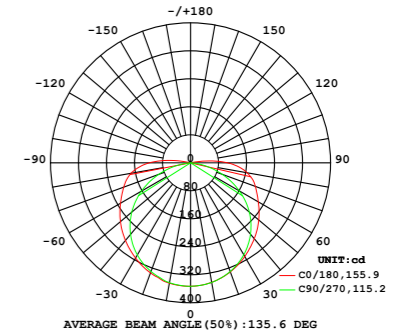
- Zero light spot, uniform light;
- Flip chips; COB encapsulation technology without wire bonding;
- Flip chips has bigger pole for high current & work more stable;
- Ta: -25~40°C; Tc: 75°C (max)
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF309V512A90-D027A1A10132N	512	24V	12	2700K	90	1,080	329	90	IP20	10mm
MF309V512A90-D030A1A10132N	512	24V	12	3000K	90	1,140	356	90	IP20	10mm
MF309W512A90-D040A1A10132N	512	24V	12	4000K	90	1,200	365	100	IP20	10mm
MF309W512A90-D050A1A10132N	512	24V	12	5000K	90	1,200	365	100	IP20	10mm
MF309W512A90-D060A1A10132N	512	24V	12	6000K	90	1,200	365	100	IP20	10mm

### Optical parameters

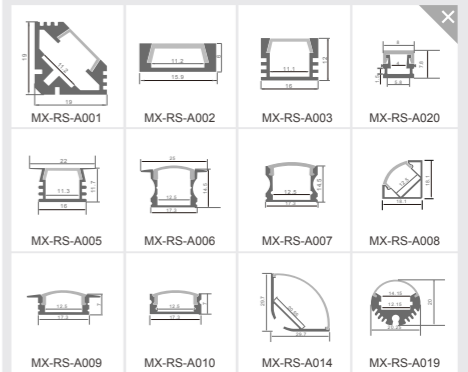
LED Type:	COB 512LED
Color Rendering Index:	Ra > 90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	180°
Light Efficiency:	90~100Lm/w
Lumen Output/meter/ft:	1080~1200Lm/m (329~365Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.5A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12W/m (3.65W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	512LEDs/m
Size of Section:	62.5mm(2.46")
LEDs of Section	32 LEDs

### Recommended Profiles



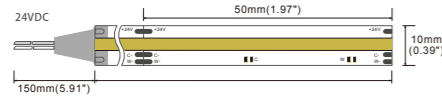
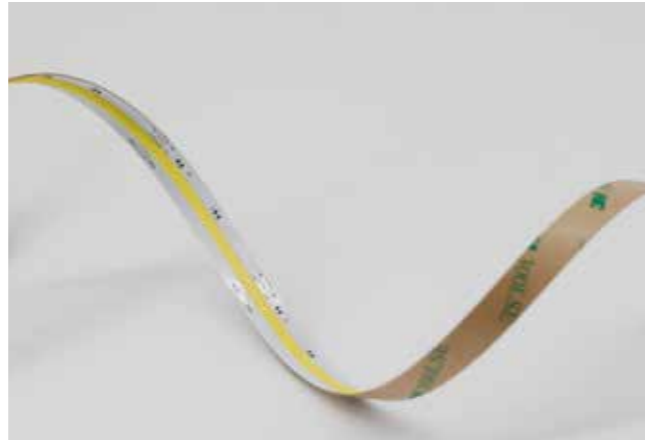
### Waterproof Rate



# COB SERIES

## COB 640LED CCT

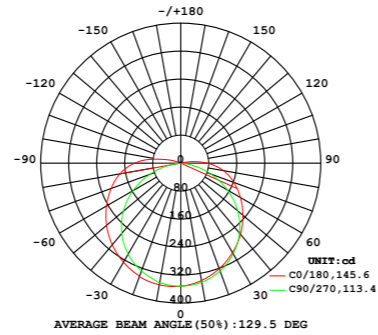
- Zero light spot, uniform light;
- Flip chips; COB encapsulation technology without wire bonding;
- Flip chips has bigger pole for high current & work more stable;
- Ta: -25~40°C; Tc: 75°C (max)
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF3COBU640A90-D027T1A10E	320	24V	10	2700K	>90	759	231	76	IP20	10mm
	640	24V	20(Max)	4000K	>90	1,678	512	84	IP20	10mm
	320	24V	10	6500K	>90	975	297	98	IP20	10mm

### Optical parameters

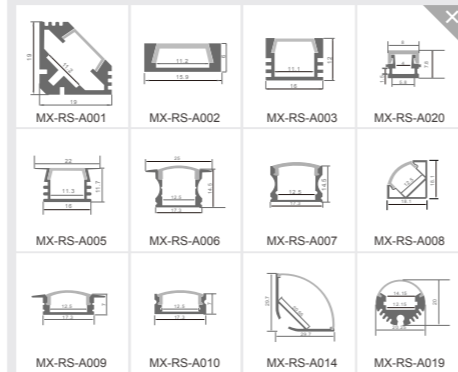
LED Type:	COB 640LED
Color Rendering Index:	Ra > 90
CCT Range:	2700K/6500K
Irritation Angle:	140°
Light Efficiency:	76~98Lm/w
Lumen Output/meter/ft:	759~1678Lm/m (231~512Lm/ft)
Energy Grade:	F



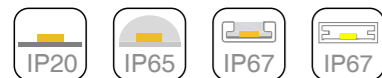
### Electric parameters

Input Current/m:	0.83A/m (0.25A/ft)
Input Voltage:	DC24V
Power/M:	20W/m (3.7W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	640LEDs/m
Size of Section:	50mm(1.97 inch)
LEDs of Section	32 LEDs

### Recommended Profiles



### Waterproof Rate







## HIGH VOLTAGE FLEX

The high voltage strip does not require additional drivers, easy to install, and can be directly connected to the power supply. Can meet the outdoor advertising signs, high brightness application requirements such as building contour lighting. Compared with the low-voltage strip with higher technology content, the high-voltage strip has less power consumption and lower operating costs in the same length.



AC 120V  
INPUT



AC 230V  
INPUT



FLICKER  
-FREE



Bending  
Diameter



Flame  
Resistant



UV  
Resistant

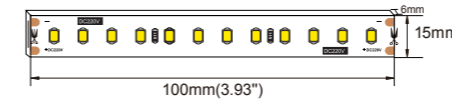




# HIGH VOLTAGE FLEX

## 0-10V Dimming

- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- Clip Or Channel for installation;
- Dimmable;25m/roll;
- 3 years warranty.

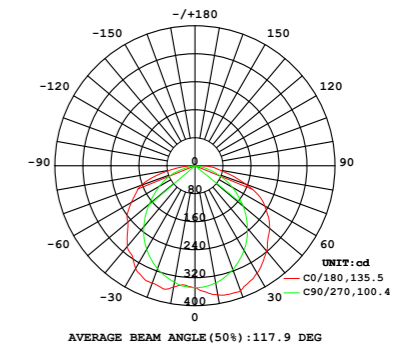


HIGH VOLTAGE FLEX

Item Code	LEDs/meter	Input voltage	Watt/m Watt/ft	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Dimension	PF
MF728V120P80-D027G6A12112C	120	AC220V	10 3	2700K	80	1,100	344	110	IP65	15*6mm	>0.9
MF728V120P80-D030G6A12112C	120	AC220V	10 3	3000K	80	1,140	356	114	IP65	15*6mm	>0.9
MF728W120P80-D040G6A12112C	120	AC220V	10 3	4000K	80	1,200	375	120	IP65	15*6mm	>0.9
MF728W120P80-D050G6A12112C	120	AC220V	10 3	5000K	80	1,200	375	120	IP65	15*6mm	>0.9
MF728W120P80-D060G6A12112C	120	AC220V	10 3	6000K	80	1,200	375	120	IP65	15*6mm	>0.9

### Optical parameters

LED Type:	sSMD2835
Color Rendering Index:	Ra > 80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	110~120Lm/w 98~108Lm/w
Lumen Output/meter/ft:	1100~1200Lm/m (344~375Lm/ft)
Energy Grade:	F

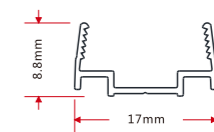


### Electric parameters

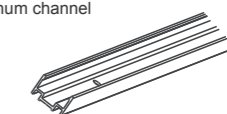
Input Current/m:	0.04A/m (0.012A/ft)
Input Voltage:	AC220~230V(0~10V Driver)
Power/M:	10W/m (3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	100mm(3.93")
LEDs of Section	12 LEDs

### Accessory

1.Aluminum clip



2.Aluminum channel



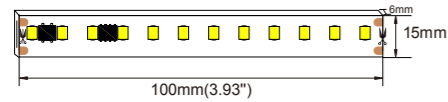
### Waterproof Rate



# HIGH VOLTAGE FLEX

## 120V 2835SMD/120LED

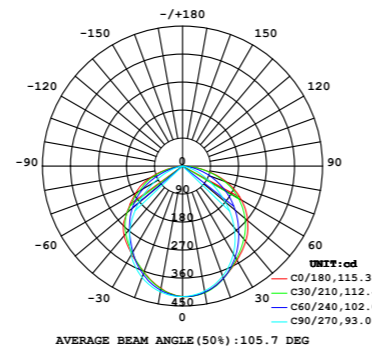
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- Clip Or Channel for installation;
- Dimmable;50m/roll;
- 3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m Watt/ft	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Dimension	PF
MF528V120P80-D027G6A12112N	120	AC120V	12 3.65	2700K	80	1,188	362	100	IP65	15*6mm	>0.9
MF528V120P80-D030G6A12112N	120	AC120V	12 3.65	3000K	80	1,254	382	105	IP65	15*6mm	>0.9
MF528W120P80-D040G6A12112N	120	AC120V	12 3.65	4000K	80	1,320	402	110	IP65	15*6mm	>0.9
MF528W120P80-D050G6A12112N	120	AC120V	12 3.65	5000K	80	1,320	402	110	IP65	15*6mm	>0.9
MF528W120P80-D060G6A12112N	120	AC120V	12 3.65	6000K	80	1,320	402	110	IP65	15*6mm	>0.9

### Optical parameters

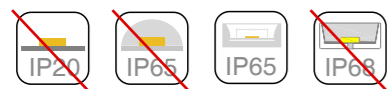
LED Type:	SMD2835
Color Rendering Index:	Ra > 80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	100~110Lm/w
Lumen Output/meter/ft:	1188~1320Lm/m (362~402Lm/ft)
Energy Grade:	<b>F</b>



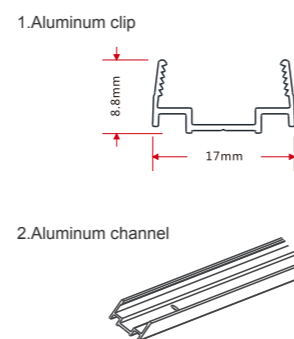
### Electric parameters

Input Current/m:	0.1A/m (0.03A/ft)
Input Voltage:	AC120V
Power/M:	12W/m (3.65W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	100mm(3.93")
LEDs of Section	12 LEDs

### Waterproof Rate



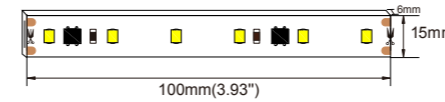
### Accessory



# HIGH VOLTAGE FLEX

## 120V 2835SMD/60LED

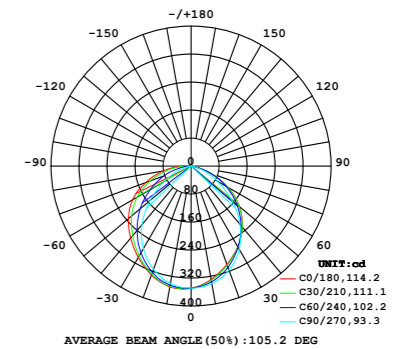
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- Clip Or Channel for installation;
- Dimmable;50m/roll;
- 3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m Watt/ft	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Dimension	PF
MF528V060P80-D027G6A12106N	60	AC120V	10 3	2700K	80	1,000	304	100	IP65	15*6mm	>0.9
MF528V060P80-D030G6A12106N	60	AC120V	10 3	3000K	80	1,045	319	105	IP65	15*6mm	>0.9
MF528W060P80-D040G6A12106N	60	AC120V	10 3	4000K	80	1,100	335	110	IP65	15*6mm	>0.9
MF528W060P80-D050G6A12106N	60	AC120V	10 3	5000K	80	1,100	335	110	IP65	15*6mm	>0.9
MF528W060P80-D060G6A12106N	60	AC120V	10 3	6000K	80	1,100	335	110	IP65	15*6mm	>0.9

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	Ra > 80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	100~110Lm/w
Lumen Output/meter/ft:	1000~1100Lm/m (304~335Lm/ft)
Energy Grade:	<b>F</b>



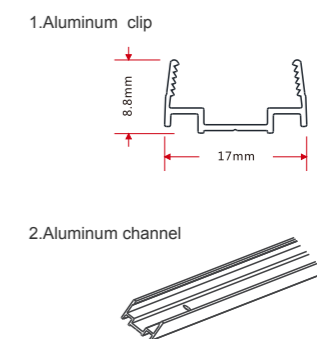
### Electric parameters

Input Current/m:	0.08A/m (0.024A/ft)
Input Voltage:	AC120V
Power/M:	10W/m (3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.93")
LEDs of Section	6 LEDs

### Waterproof Rate



### Accessory

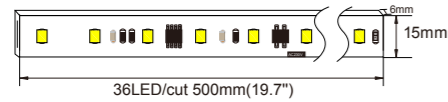




# HIGH VOLTAGE FLEX

## 120V 2835SMD/72LED

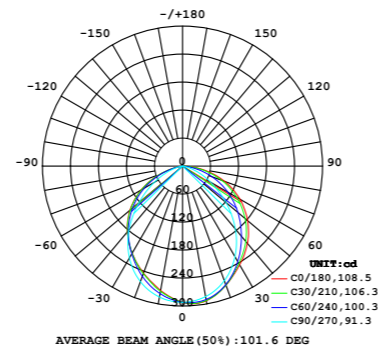
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- Clip Or Channel for installation;
- Dimmable;50m/roll;
- 3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m Watt/ft	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Dimension	PF
MF528V072P80-D027G6A12136N	72	AC120V	10 3	2700K	80	1,000	304	100	IP65	15*6mm	>0.9
MF528V072P80-D030G6A12136N	72	AC120V	10 3	3000K	80	1,045	319	105	IP65	15*6mm	>0.9
MF528W072P80-D040G6A12136N	72	AC120V	10 3	4000K	80	1,100	335	110	IP65	15*6mm	>0.9
MF528W072P80-D050G6A12136N	72	AC120V	10 3	5000K	80	1,100	335	110	IP65	15*6mm	>0.9
MF528W072P80-D060G6A12136N	72	AC120V	10 3	6000K	80	1,100	335	110	IP65	15*6mm	>0.9

### Optical parameters

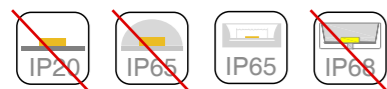
LED Type:	SMD2835
Color Rendering Index:	Ra > 80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	100~110Lm/w
Lumen Output/meter/ft:	1000~1100Lm/m (304~335Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

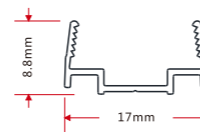
Input Current/m:	0.08A/m (0.02A/ft)
Input Voltage:	AC120V
Power/M:	10W/m (3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	72LEDs/m
Size of Section:	500mm(19.7")
LEDs of Section	36 LEDs

### Waterproof Rate

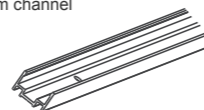


### Accessory

1.Aluminum clip



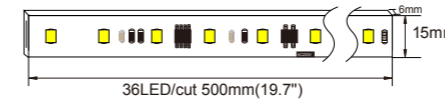
2.Aluminum channel



# HIGH VOLTAGE FLEX

## 230V 2835SMD/72LED

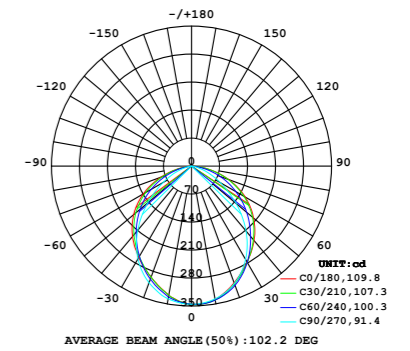
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- Clip Or Channel for installation;
- Dimmable;50m/roll;
- 3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m Watt/ft	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Dimension	PF
MF728V072P80-D027G6A12106N	72	AC230V	10 3	2700K	80	1,000	304	100	IP65	15*6mm	>0.9
MF728V072P80-D030G6A12136N	72	AC230V	10 3	3000K	80	1,045	319	105	IP65	15*6mm	>0.9
MF728W072P80-D040G6A12136N	72	AC230V	10 3	4000K	80	1,100	335	110	IP65	15*6mm	>0.9
MF728W072P80-D050G6A12136N	72	AC230V	10 3	5000K	80	1,100	335	110	IP65	15*6mm	>0.9
MF728W072P80-D060G6A12136N	72	AC230V	10 3	6000K	80	1,100	335	110	IP65	15*6mm	>0.9

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	Ra > 80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	100~110Lm/w
Lumen Output/meter/ft:	1000~1100Lm/m (304~335Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

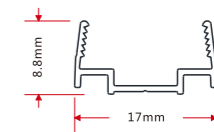
Input Current/m:	0.04A/m (0.012A/ft)
Input Voltage:	AC230V
Power/M:	10W/m (3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	72LEDs/m
Size of Section:	500mm(19.7")
LEDs of Section	36 LEDs

### Waterproof Rate

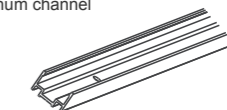


### Accessory

1.Aluminum clip



2.Aluminum channel

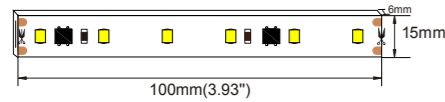


HIGH VOLTAGE FLEX

# HIGH VOLTAGE FLEX

## 230V 2835SMD/60LED

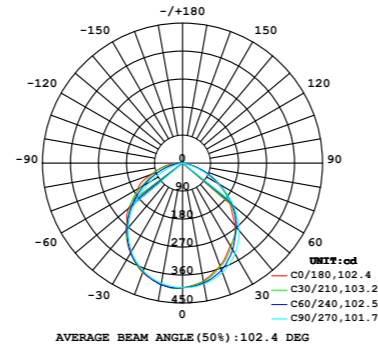
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- Clip Or Channel for installation;
- Dimmable;50m/roll;
- 3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m Watt/ft	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Dimension	PF
MF728V060P80-D027G6A12106N	60	AC230V	10 3	2700K	80	1,000	304	100	IP65	15*6mm	>0.9
MF728V060P80-D030G6A12106N	60	AC230V	10 3	3000K	80	1,045	319	105	IP65	15*6mm	>0.9
MF728W060P80-D040G6A12106N	60	AC230V	10 3	4000K	80	1,100	335	110	IP65	15*6mm	>0.9
MF728W060P80-D050G6A12106N	60	AC230V	10 3	5000K	80	1,100	335	110	IP65	15*6mm	>0.9
MF728W060P80-D060G6A12106N	60	AC230V	10 3	6000K	80	1,100	335	110	IP65	15*6mm	>0.9

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	Ra > 80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	100~110Lm/w
Lumen Output/meter/ft:	1000~1100Lm/m (304~335Lm/ft)
Energy Grade:	<b>F</b>



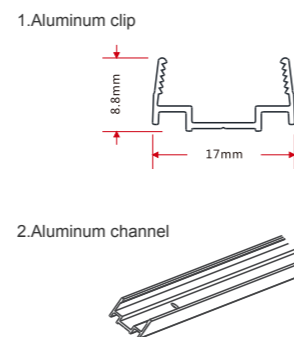
### Electric parameters

Input Current/m:	0.043A/m (0.013A/ft)
Input Voltage:	AC220V~230V
Power/M:	10W/m (3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.93")
LEDs of Section	6 LEDs

### Waterproof Rate



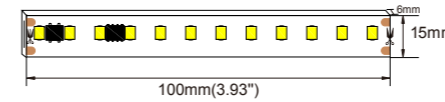
### Accessory



# HIGH VOLTAGE FLEX

## 230V 2835SMD/120LED

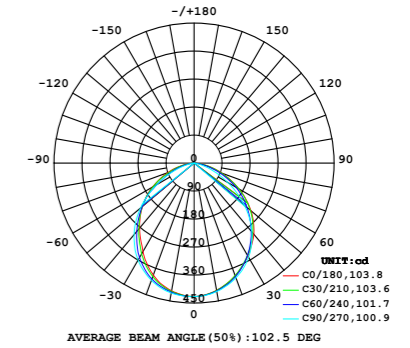
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- Clip Or Channel for installation;
- Dimmable;50m/roll;
- 3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m Watt/ft	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Dimension	PF
MF728V120P80-D027G6A12112N	120	AC230V	12 3.65	2700K	80	1,188	362	100	IP65	15*6mm	>0.9
MF728V120P80-D030G6A12112N	120	AC230V	12 3.65	3000K	80	1,284	382	105	IP65	15*6mm	>0.9
MF728W120P80-D040G6A12112N	120	AC230V	12 3.65	4000K	80	1,320	402	110	IP65	15*6mm	>0.9
MF728W120P80-D050G6A12112N	120	AC230V	12 3.65	5000K	80	1,320	402	110	IP65	15*6mm	>0.9
MF728W120P80-D060G6A12112N	120	AC230V	12 3.65	6000K	80	1,320	402	110	IP65	15*6mm	>0.9

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	Ra > 80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	100~110Lm/w
Lumen Output/meter/ft:	1188~1320Lm/m (362~402Lm/ft)
Energy Grade:	<b>F</b>



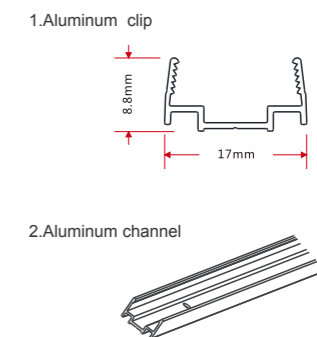
### Electric parameters

Input Current/m:	0.052A/m (0.016A/ft)
Input Voltage:	AC230V
Power/M:	12W/m (3.65W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	100mm(3.93")
LEDs of Section	12 LEDs

### Waterproof Rate



### Accessory



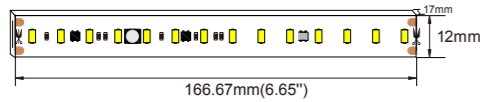
HIGH VOLTAGE FLEX



# HIGH VOLTAGE FLEX

## 230V 2835MD/84LED FLICKER FREE

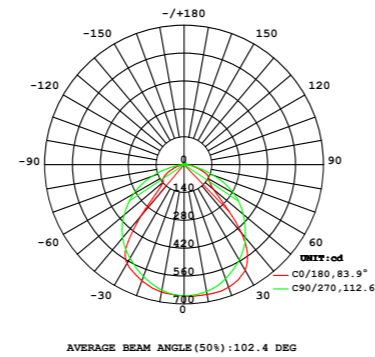
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- Clip Or Channel for installation;
- Dimmable;50m/roll;
- 3 years warranty.



Item Code	LEDs/ meter	Input voltage	Watt/m Watt/ft	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Dimension	PF
MN728W084Q80-D027G6A14114C-1217ZA	84	AC230V	15 4.57	2700K	80	1,485	453	100	IP65	17*12mm	>0.9
MN728W084Q80-D030G6A14114C-1217ZA	84	AC230V	15 4.57	3000K	80	1,568	478	105	IP65	17*12mm	>0.9
MN728W084Q80-D040G6A14114C-1217ZA	84	AC230V	15 4.57	4000K	80	1,650	503	110	IP65	17*12mm	>0.9
MN728W084Q80-D050G6A14114C-1217ZA	84	AC230V	15 4.57	5000K	80	1,650	503	110	IP65	17*12mm	>0.9
MN728W084Q80-D060G6A14114C-1217ZA	84	AC230V	15 4.57	6000K	80	1,650	503	110	IP65	17*12mm	>0.9

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	Ra > 80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	100~110Lm/w
Lumen Output/meter/ft:	1485~1650Lm/m (100~110Lm/ft)
Energy Grade:	<b>F</b>



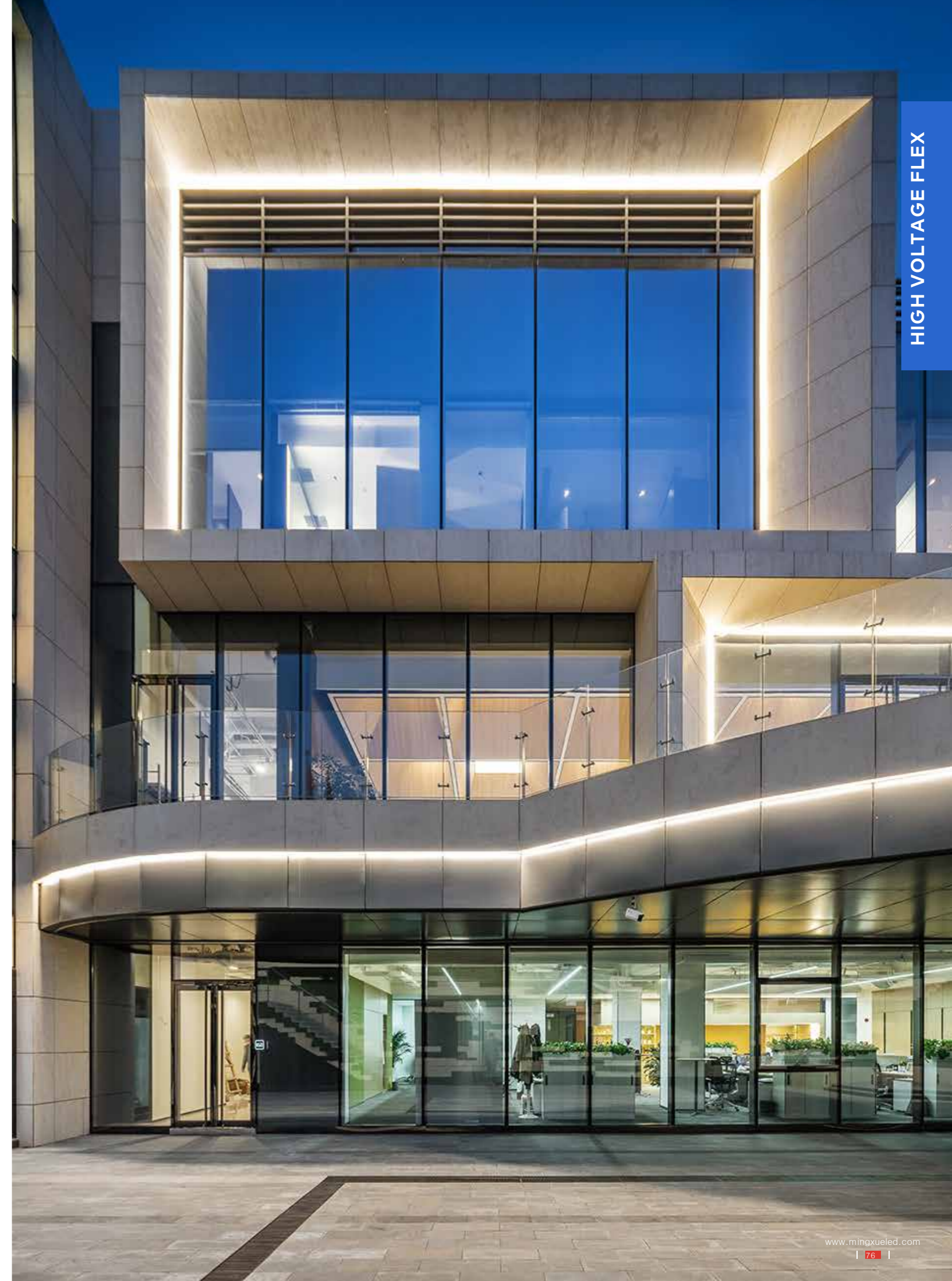
### Electric parameters

Input Current/m:	0.065A/m (0.020A/ft)
Input Voltage:	AC220V~230V
Power/M:	15W/m (4.57W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	84LEDs/m
Size of Section:	166.67mm(6.56")
LEDs of Section	14 LEDs

### Waterproof Rate



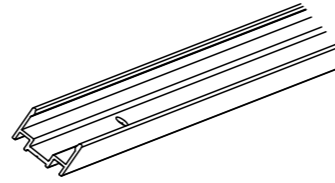
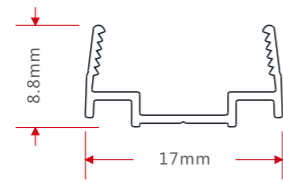
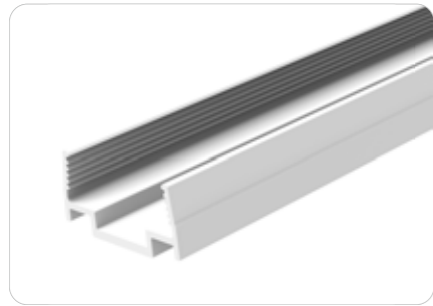
HIGH VOLTAGE FLEX





# HIGH VOLTAGE FLEX

## Accessory

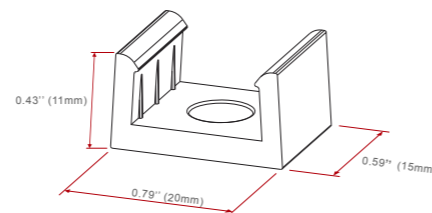
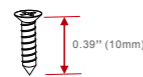
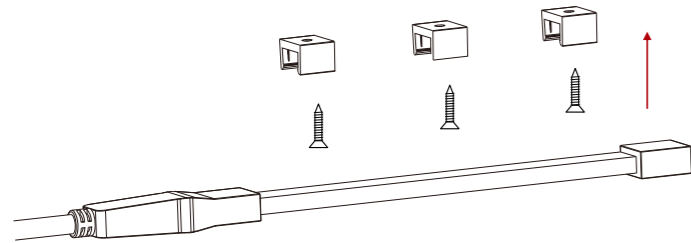
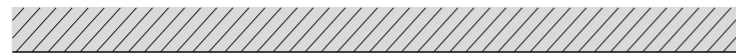


Code	W*H(ft)	Profile Length(mm)	Hole Size (mm)	Hole Number
MX-N1788	17*8.8mm	1000mm	Φ0.3mm	3

### Notes:

1. Profiles's raw material is aluminium.
2. Any customized Length available too, such as 500mm,1000mm,ect.
3. Installation referece to the user manual.

### Plastic Mounting Clip



### Notes:

1. Mounting Clip's raw material is PC, and transparent/white/black/red paint available;
2. Each 1ft length with 1 Mounting Clip +1 screw, and installation referece to the user manual;

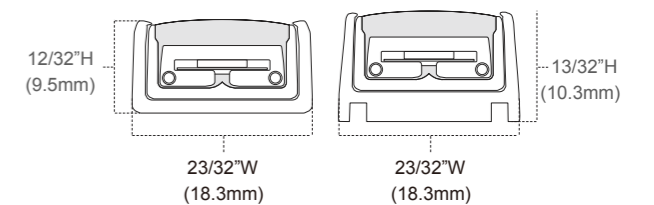
# HIGH VOLTAGE FLEX

Image	Product Code	IP Rate	Description
	MX-PJ-01726	IP20	Inline connectors; Fireproof materials-V0; Join two high voltage strips together
	MX-PJ-01727	IP20	L connector; Fireproof materials-V0; Using for corners
	MX-PJ-01723	IP20	AC power plug 220~230V,50~60Hz ; Fireproof materials-V0; Cable length 1.5meters
	MX-PJ-01728	IP65	AC power plug 220~230V,50~60Hz ; Fireproof materials-V0; Cable length 1.5meters; Injection tooling;
	MX-PJ-01725	IP20	End cap; Fireproof materials-V0; To seal the end;

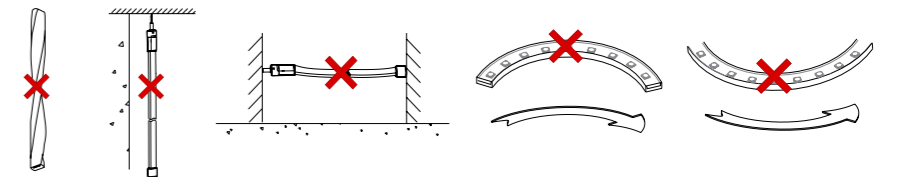
### Note:

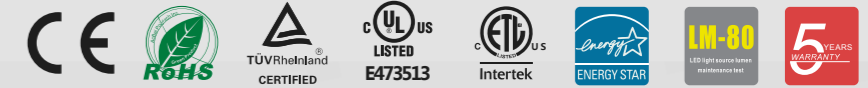
1. The ouput lumen is based on 4000K color temperature. For 2700K,3000K color temperature is about 3-8% lower.
2. Standard length is 50M/roll, packing in reel and outerbox. If need customized length, price need to be revised.
3. For the accesories, used when you need to cut the strips,but when you cut it and reconnected ,it is IP20.
4. If order value is lower than 5000USD, price is based on EXW price.
5. Leading time:12-14days after confirmed order.

Cut-view when used with  
H2-TRACK-3 or H2-CHAN-3  
(sold separately)



**DO NOT TWIST, HANG VERTICALLY, SUSPEND UNSUPPORTED IN THE MIDDLE, OR BEND ALONG SHORT SIDE**





# NE

## PRO LED FLEX

High light efficiency strips provide high brightness lighting at lower energy consumption, helping to reduce energy costs while reducing environmental impact. The continuous luminous characteristics of the high light efficiency strip make it more visually beautiful, suitable for occasions requiring high-quality lighting effects, suitable for commercial display, home decoration, landscape lighting and other occasions, can add creativity and vitality to the space.

3000 K   4000 K   5000 K   6500 K

200 Lm/w



**ENERGY**

SUPPLIER'S NAME  
xxxxx xxxx xxxxxx

A  
B  
C  
D  
E  
F  
G

XX  
kWh/1000h

2016/2015



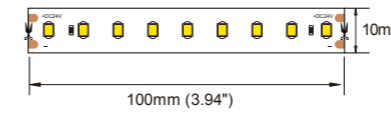


# PRO LED FLEX

# HIGH EFFICIENCY

## ● 2835SMD/90LED

- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



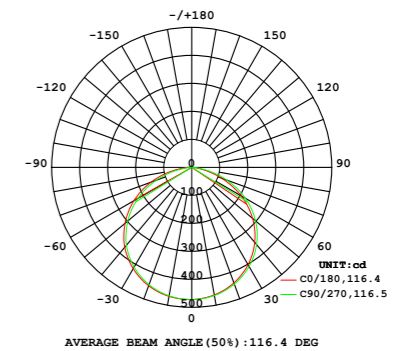
PRO LED FLEX

Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V090A80-D027A1A10109NA	90	24V	4.8	2700K	97/90	751 804	279 251	163 167	IP20	10mm
MF328V090A80-D030A1A10109N	90	24V	4.8	3000K	97/90	793 835	242 281	173 174	IP20	10mm
MF328W090A80-D040A1A10109N	90	24V	4.8	4000K	97/90	864 878	263 274	180 183	IP20	10mm
MF328W090A80-D050A1A10109N	90	24V	4.8	5000K	97/90	864 878	263 274	180 183	IP20	10mm
MF328W090A80-D060A1A10109N	90	24V	4.8	6000K	97/90	864 878	263 274	180 183	IP20	10mm

★ The Ra97's light strip contains fluoride

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	97/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	163-200Lm/w
Lumen Output/meter/ft:	751-878Lm/m(229-268Lm/ft)
Energy Grade:	<b>B</b>



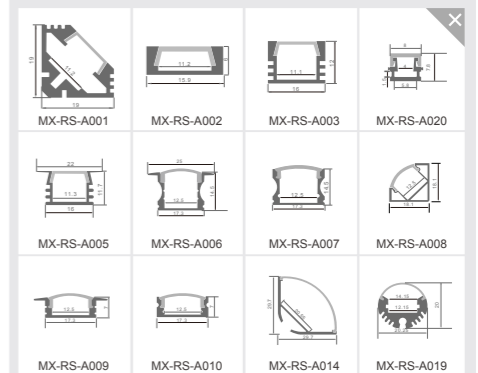
### Electric parameters

Input Current/m:	0.2A/m (0.061A/ft)
Input Voltage:	DC24V
Power/M:	4.8W/m (1.5W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	90LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	9 LEDs

### Waterproof Rate



### Recommended Profiles



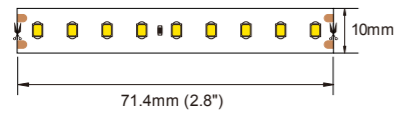


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/126LED

- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.

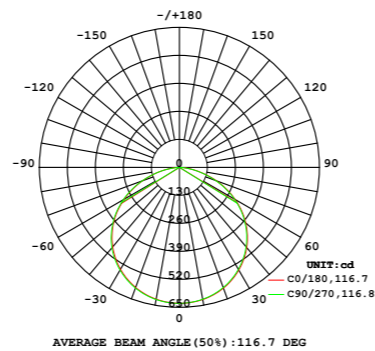


Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V126A80-D027A1A10109N	126	24V	7.2	2700K	97 90	1,166 1,152	355 351	162 160	IP20	10mm
MF328V126A80-D030A1A10109N	126	24V	7.2	3000K	97 90	1,231 1,188	375 362	171 165	IP20	10mm
MF328W126A80-D040A1A10109N	126	24V	7.2	4000K	97 90	1,296 1,310	395 399	180 182	IP20	10mm
MF328W126A80-D050A1A10109N	126	24V	7.2	5000K	97 90	1,296 1,318	395 402	180 183	IP20	10mm
MF328W126A80-D060A1A10109N	126	24V	7.2	6000K	97 90	1,296 1,318	395 402	180 183	IP20	10mm

★ The Ra97's light strip contains fluoride

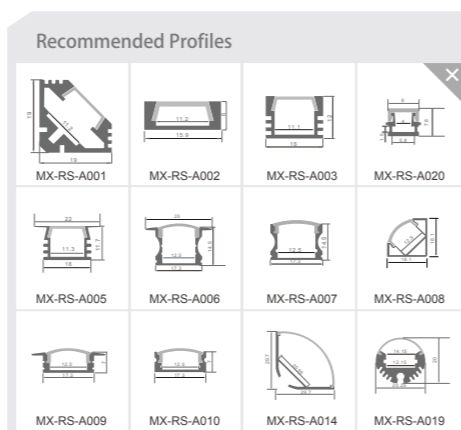
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	97/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	160-183Lm/w
Lumen Output/meter/ft:	1152-1318Lm/m(351-402Lm/ft)
Energy Grade:	<b>C</b>



### Electric parameters

Input Current/m:	0.3A/m (0.09A/ft)
Input Voltage:	DC24V
Power/M:	7.2W/m (2.2W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	126LEDs/m
Size of Section:	71.4mm(2.8")
LEDs of Section	9 LEDs

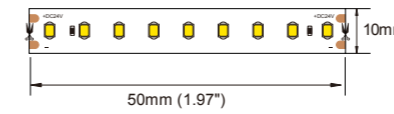


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/180LED

- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.

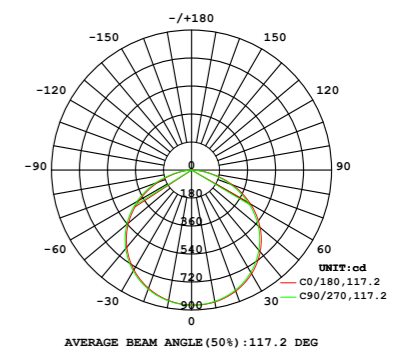


Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V180A80-D027A1A10109N	180	24V	9.6	2700K	97 90	1,555 1,610	474 503	162 168	IP20	10mm
MF328V180A80-D030A1A10109N	180	24V	9.6	3000K	97 90	1,640 1,640	501 515	171 170	IP20	10mm
MF328W180A80-D040A1A10109N	180	24V	9.6	4000K	97 90	1,728 1,766	527 551	180 172	IP20	10mm
MF328W180A80-D050A1A10109N	180	24V	9.6	5000K	97 90	1,728 1,766	527 551	180 172	IP20	10mm
MF328W180A80-D060A1A10109N	180	24V	9.6	6000K	97 90	1,728 1,766	527 551	180 172	IP20	10mm

★ The Ra97's light strip contains fluoride

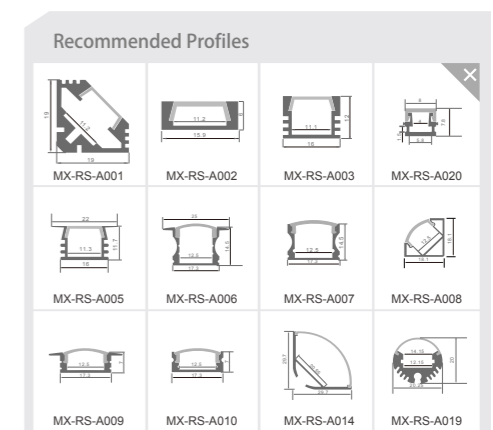
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	97/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	162-172Lm/w
Lumen Output/meter/ft:	1555-1766Lm/m(474-538Lm/ft)
Energy Grade:	<b>C</b>



### Electric parameters

Input Current/m:	0.4A/m (0.12A/ft)
Input Voltage:	DC24V
Power/M:	9.6W/m (2.93W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	180LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	9 LEDs

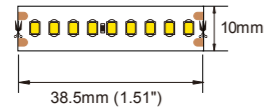


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/234LED

- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.

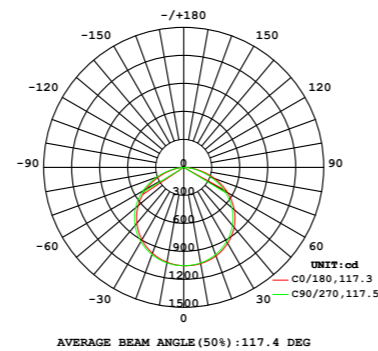


Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V234A80-D027A1A10109N	234	24V	12.4	2700K	97 90	2,009 2,065	613 645	162 167	IP20	10mm
MF328V234A80-D030A1A10109N	234	24V	12.4	3000K	97 90	2,120 2,110	646 659	171 170	IP20	10mm
MF328W234A80-D040A1A10109N	234	24V	12.4	4000K	97 90	2,232 2,235	680 698	180 180	IP20	10mm
MF328W234A80-D050A1A10109N	234	24V	12.4	5000K	97 90	2,232 2,235	680 698	180 180	IP20	10mm
MF328W234A80-D060A1A10109N	234	24V	12.4	6000K	97 90	2,232 2,235	680 698	180 180	IP20	10mm

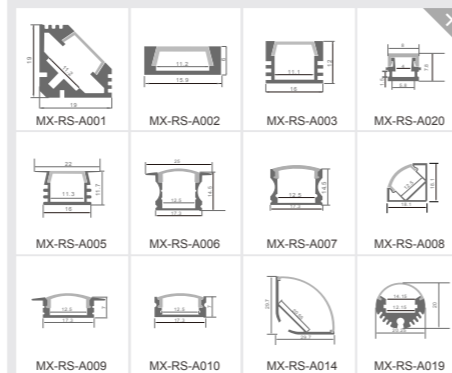
★ The Ra97's light strip contains fluoride

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	97/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	162-180Lm/w
Lumen Output/meter/ft:	2009-2235Lm/m(613-681Lm/ft)
Energy Grade:	C



### Recommended Profiles



### Waterproof Rate

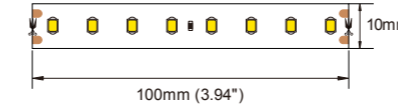


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/80LED

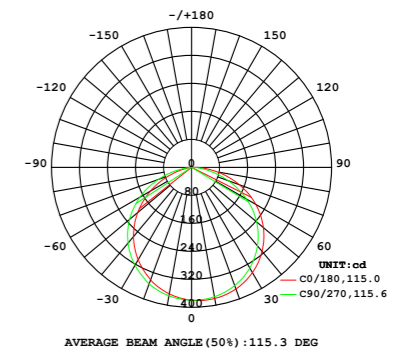
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V080A80-D027A1A10108N	80	24V	7.2	2700K	80 90	1,005 860	306 262	140 129	IP20	10mm
MF328V080A80-D030A1A10108N	80	24V	7.2	3000K	80 90	1,056 895	322 273	147 124	IP20	10mm
MF328W080A80-D040A1A10108N	80	24V	7.2	4000K	80 90	1,116 950	340 289	155 134	IP20	10mm
MF328W080A80-D050A1A10108N	80	24V	7.2	5000K	80 90	1,116 950	340 289	155 134	IP20	10mm
MF328W080A80-D060A1A10108N	80	24V	7.2	6000K	80 90	1,116 950	340 289	155 134	IP20	10mm

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	129-155Lm/w
Lumen Output/meter/ft:	860-1116Lm/m(262-340Lm/ft)
Energy Grade:	D/E



### Electric parameters

Input Current/m:	0.3A/m (0.09A/ft)
Input Voltage:	DC24V
Power/M:	7.2W/m (2.3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	80LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	8 LEDs

### Waterproof Rate



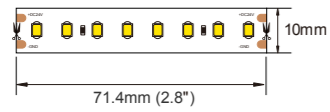
PRO LED FLEX

# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/112LED

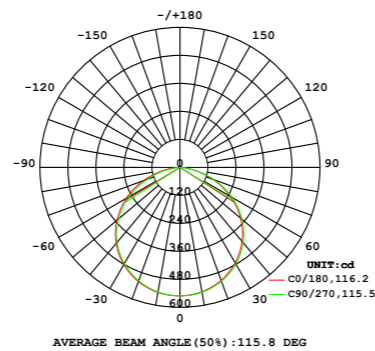
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V112A80-D027A1A10108N	112	24V	10	2700K	80/90	1,390/1,230	425/375	140/123	IP20	10mm
MF328V112A80-D030A1A10108N	112	24V	10	3000K	80/90	1,472/1,260	449/384	147/126	IP20	10mm
MF328W112A80-D040A1A10108N	112	24V	10	4000K	80/90	1,550/1,360	473/414	155/136	IP20	10mm
MF328W112A80-D050A1A10108N	112	24V	10	5000K	80/90	1,550/1,395	473/425	155/139	IP20	10mm
MF328W112A80-D060A1A10108N	112	24V	10	6000K	80/90	1,550/1,410	473/429	155/140	IP20	10mm

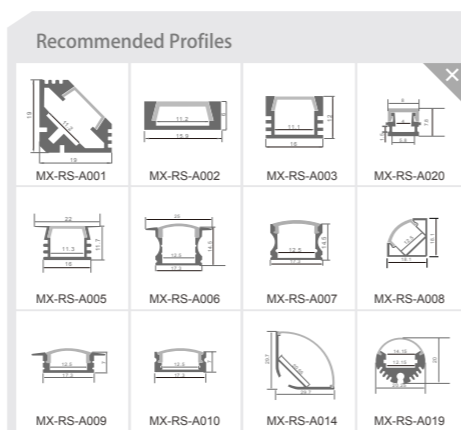
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	123~160Lm/w
Lumen Output/meter/ft:	1230~1600Lm/m (375~487Lm/ft)
Energy Grade:	D/E



### Electric parameters

Input Current/m:	0.42A/m (0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m (3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	112LEDs/m
Size of Section:	71.4mm(2.8")
LEDs of Section	8 LEDs



### Waterproof Rate

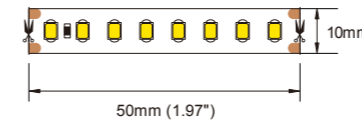


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/160LED

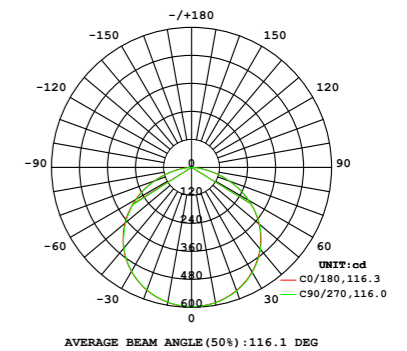
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V160A80-D027A1A10108N	160	24V	9.6	2700K	80/90	1,339/1,287	408/392	140/134	IP20	10mm
MF328V160A80-D030A1A10108N	160	24V	9.6	3000K	80/90	1,414/1,359	431/414	147/141	IP20	10mm
MF328W160A80-D040A1A10108N	160	24V	9.6	4000K	80/90	1,488/1,430	454/435	155/149	IP20	10mm
MF328W160A80-D050A1A10108N	160	24V	9.6	5000K	80/90	1,488/1,430	454/436	155/149	IP20	10mm
MF328W160A80-D060A1A10108N	160	24V	9.6	6000K	80/90	1,488/1,752	454/534	155/183	IP20	10mm

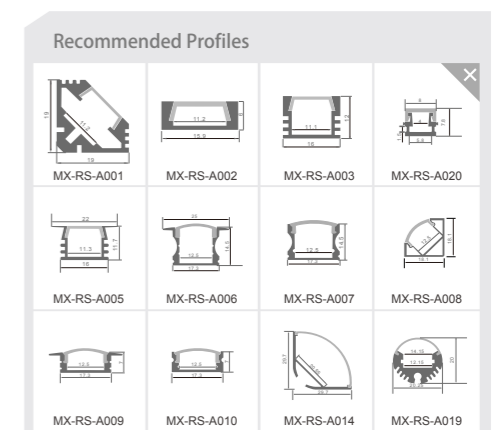
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	134-155Lm/w
Lumen Output/meter/ft:	1287-1752Lm/m(392-534Lm/ft)
Energy Grade:	D/E



### Electric parameters

Input Current/m:	0.4A/m (0.12A/ft)
Input Voltage:	DC24V
Power/M:	9.6W/m (2.93W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	160LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	8 LEDs



### Waterproof Rate



PRO LED FLEX

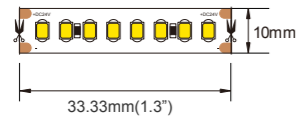


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/240LED

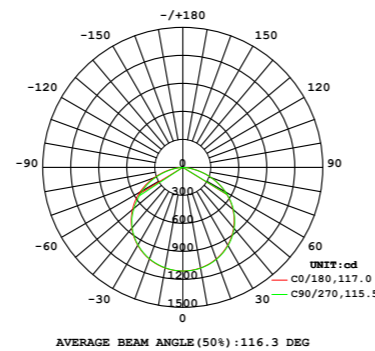
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



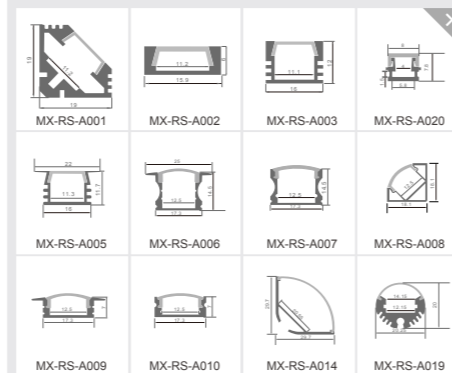
Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V240A80-D027A1A10108N	240	24V	21.6	2700K	80/90	3,013 2,550	919 777	140 118	IP20	10mm
MF328V240A80-D030A1A10108N	240	24V	21.6	3000K	80/90	3,181 2,650	970 808	147 123	IP20	10mm
MF328W240A80-D040A1A10108N	240	24V	21.6	4000K	80/90	3,348 2,835	1,021 864	155 131	IP20	10mm
MF328W240A80-D050A1A10108N	240	24V	21.6	5000K	80/90	3,348 2,860	1,021 872	155 132	IP20	10mm
MF328W240A80-D060A1A10108N	240	24V	21.6	6000K	80/90	3,348 2,880	1,021 878	155 133	IP20	10mm

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	118-155Lm/w
Lumen Output/meter/ft:	2550-3348Lm/m(777-1021Lm/ft)
Energy Grade:	D/E



### Recommended Profiles

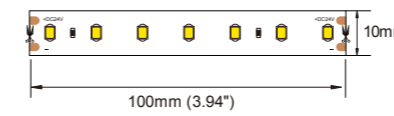


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/70LED

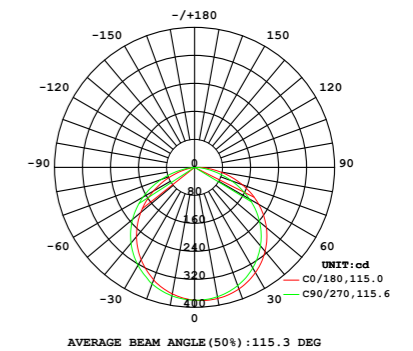
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



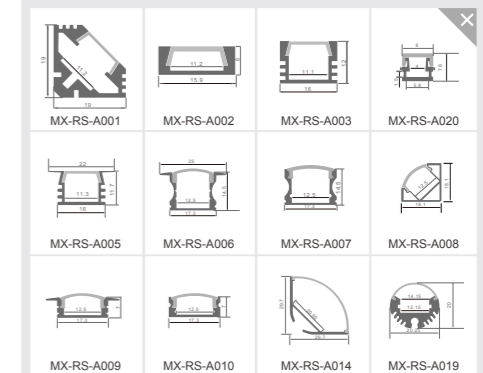
Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V070A80-D027A1A10107N	70	24V	6	2700K	80/90	724 622	220 189	120 104	IP20	10mm
MF328V070A80-D030A1A10107N	70	24V	6	3000K	80/90	760 650	231 198	127 108	IP20	10mm
MF328W070A80-D040A1A10107N	70	24V	6	4000K	80/90	805 692	245 210	134 115	IP20	10mm
MF328W070A80-D050A1A10107N	70	24V	6	5000K	80/90	810 700	246 213	135 116	IP20	10mm
MF328W070A80-D060A1A10107N	70	24V	6	6000K	80/90	813 698	248 213	136 116	IP20	10mm

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	104~136Lm/w
Lumen Output/meter/ft:	622~813Lm/m (189~248Lm/ft)
Energy Grade:	E/F



### Recommended Profiles



PRO LED FLEX

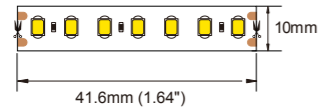


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/168LED

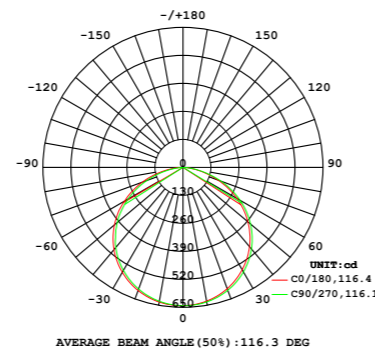
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V168A80-D027A1A10107N	168	24V	14	2700K	80/90	1,715 1,475	522 449	123 105	IP20	10mm
MF328V168A80-D030A1A10107N	168	24V	14	3000K	80/90	1,800 1,500	548 457	128 107	IP20	10mm
MF328W168A80-D040A1A10107N	168	24V	14	4000K	80/90	1,906 1,641	581 500	136 117	IP20	10mm
MF328W168A80-D050A1A10107N	168	24V	14	5000K	80/90	1,910 1,660	582 506	137 118	IP20	10mm
MF328W168A80-D060A1A10107N	168	24V	14	6000K	80/90	1,915 1,700	583 518	137 121	IP20	10mm

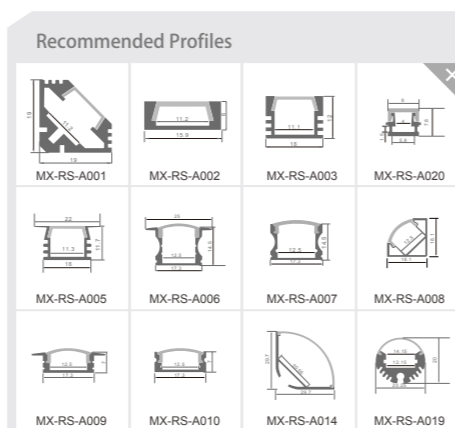
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	105~137Lm/w
Lumen Output/meter/ft:	1475~1915Lm/m (449~583Lm/ft)
Energy Grade:	E/F



### Electric parameters

Input Current/m:	0.58A/m (0.18A/ft)
Input Voltage:	DC24V
Power/M:	14W/m (4.3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	168LEDs/m
Size of Section:	41.6mm(1.64")
LEDs of Section	7 LEDs



### Waterproof Rate

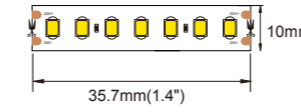


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/196LED

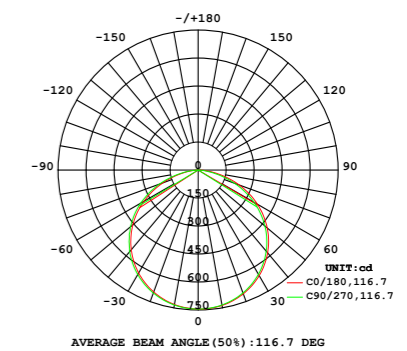
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V196A80-D027A1A10107N	196	24V	17	2700K	80/90	1,990 1,700	607 518	117 100	IP20	10mm
MF328V196A80-D030A1A10107N	196	24V	17	3000K	80/90	2,050 1,780	625 542	120 105	IP20	10mm
MF328W196A80-D040A1A10107N	196	24V	17	4000K	80/90	2,215 1,893	675 577	130 111	IP20	10mm
MF328W196A80-D050A1A10107N	196	24V	17	5000K	80/90	2,230 1,900	679 579	131 118	IP20	10mm
MF328W196A80-D060A1A10107N	196	24V	17	6000K	80/90	2,240 1,940	683 591	132 114	IP20	10mm

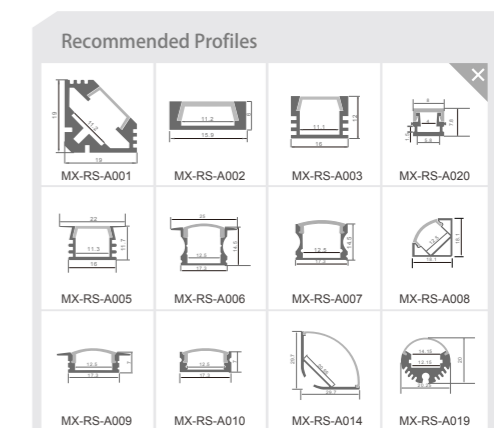
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	100~132Lm/w
Lumen Output/meter/ft:	1700~2240Lm/m (518~683Lm/ft)
Energy Grade:	E/F



### Electric parameters

Input Current/m:	0.7A/m (0.21A/ft)
Input Voltage:	DC24V
Power/M:	17W/m (5.2W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	196LEDs/m
Size of Section:	35.7mm(1.4")
LEDs of Section	7 LEDs



### Waterproof Rate



PRO LED FLEX

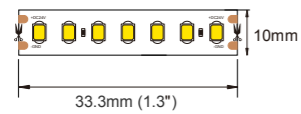


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/210LED

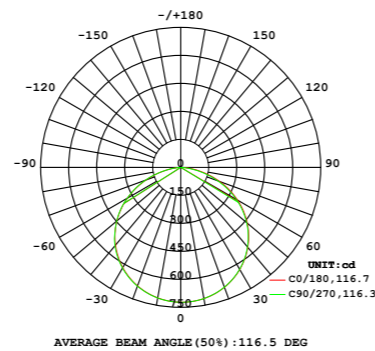
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V210A80-D027A1A10107N	210	24V	18	2700K	80/90	2,240/1,950	700/609	116/101	IP20	10mm
MF328V210A80-D030A1A10107N	210	24V	18	3000K	80/90	2,360/2,050	737/640	122/107	IP20	10mm
MF328V210A80-D040A1A10107N	210	24V	18	4000K	80/90	2,310/2,100	721/656	130/117	IP20	10mm
MF328V210A80-D050A1A10107N	210	24V	18	5000K	80/90	2,310/2,100	721/656	137/118	IP20	10mm
MF328V210A80-D060A1A10107N	210	24V	18	6000K	80/90	2,310/2,100	721/656	130/114	IP20	10mm

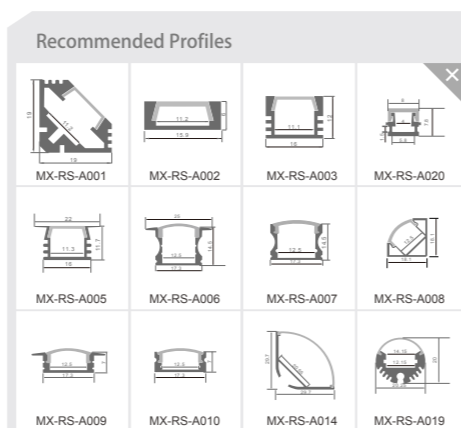
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	116~137Lm/w
Lumen Output/meter/ft:	2240~2360Lm/m (700~737Lm/ft)
Energy Grade:	E/F



### Electric parameters

Input Current/m:	0.75A/m (0.23A/ft)
Input Voltage:	DC24V
Power/M:	18W/m (5.62W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	210LEDs/m
Size of Section:	33.3mm(1.3")
LEDs of Section	7 LEDs

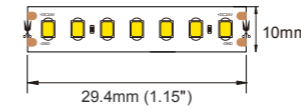


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/238LED

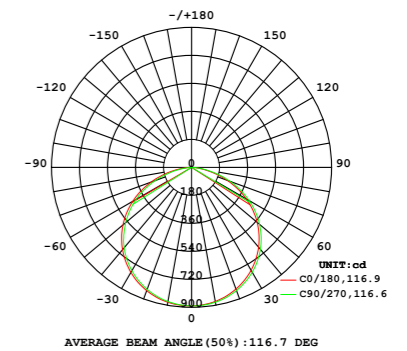
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V238A80-D027A1A10107N	238	24V	22	2700K	80/90	2,540/2,200	774/670	115/100	IP20	10mm
MF328V238A80-D030A1A10107N	238	24V	22	3000K	80/90	2,680/2,300	817/701	121/104	IP20	10mm
MF328W238A80-D040A1A10107N	238	24V	22	4000K	80/90	2,825/2,445	861/745	128/111	IP20	10mm
MF328W238A80-D050A1A10107N	238	24V	22	5000K	80/90	2,850/2,465	868/751	129/112	IP20	10mm
MF328W238A80-D060A1A10107N	238	24V	22	6000K	80/90	2,870/2,470	875/753	130/112	IP20	10mm

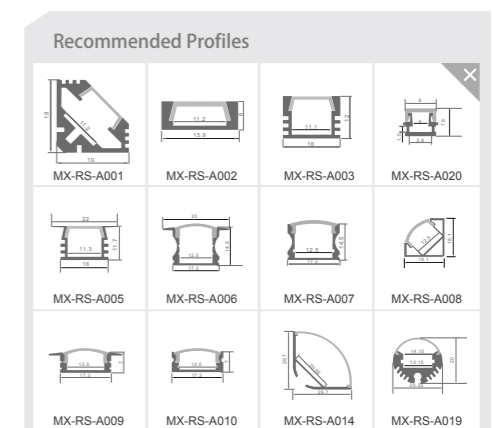
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	100~132Lm/w
Lumen Output/meter/ft:	2200~2870Lm/m (670~875Lm/ft)
Energy Grade:	E/F



### Electric parameters

Input Current/m:	0.92A/m (0.281A/ft)
Input Voltage:	DC24V
Power/M:	22W/m (6.7W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	238LEDs/m
Size of Section:	29.4mm(1.15")
LEDs of Section	7 LEDs



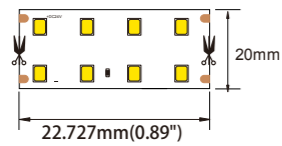
PRO LED FLEX

# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/352LED

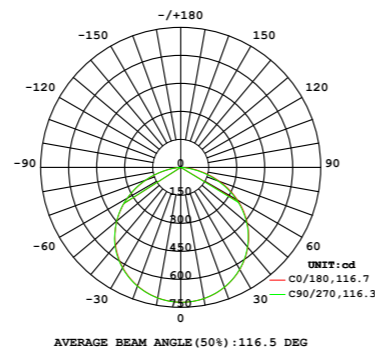
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V352A80-D027A8A20108N	352	24V	30	2700K	80	4,560	1391	152	IP20	20mm
MF328V352A80-D030A8A20108N	352	24V	30	3000K	80	4,828	1472	161	IP20	20mm
MF328V352A80-D040A8A20108N	352	24V	30	4000K	80	5,069	1546	169	IP20	20mm
MF328V352A80-D050A8A20108N	352	24V	30	5000K	80	5,069	1546	169	IP20	20mm
MF328V352A80-D060A8A20108N	352	24V	30	6000K	80	5,069	1546	169	IP20	20mm

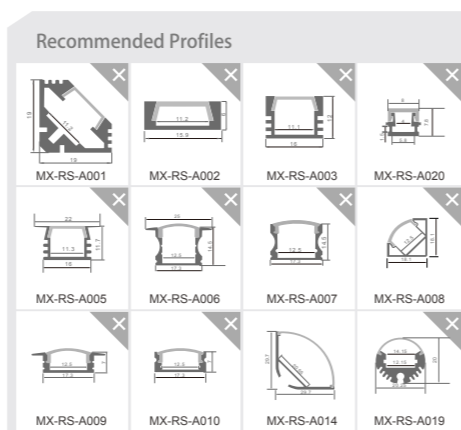
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80
CCT Range:	2700/3000/4000/5000/6000K
Irritation Angle:	120°
Light Efficiency:	152~169Lm/w
Lumen Output/meter/ft:	4562~5069Lm/m (1391~1546Lm/ft)
Energy Grade:	<b>C</b>

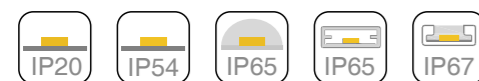


### Electric parameters

Input Current/m:	1.25A/m (0.38A/ft)
Input Voltage:	DC24V
Power/M:	30W/m (9.15W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	352LEDs/m
Size of Section:	22.727mm(0.89")
LEDs of Section	8 LEDs



### Waterproof Rate

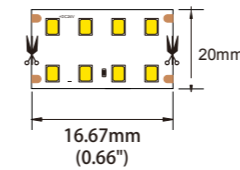


# PRO LED FLEX

# HIGH EFFICIENCY

## 2835SMD/480LED

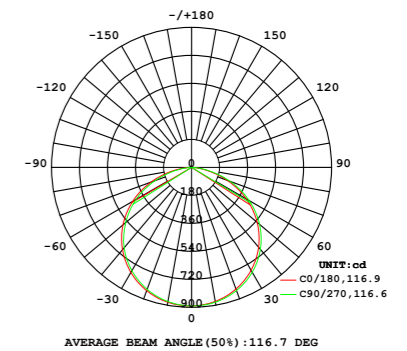
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V480A80-D027A8A20108N	480	24V	40	2700K	80	6,168	1880	154	IP20	20mm
MF328V480A80-D030A8A20108N	480	24V	40	3000K	80	6,527	1990	163	IP20	20mm
MF328V480A80-D040A8A20108N	480	24V	40	4000K	80	6,853	2089	171	IP20	20mm
MF328V480A80-D050A8A20108N	480	24V	40	5000K	80	6,853	2089	171	IP20	20mm
MF328V480A80-D060A8A20108N	480	24V	40	6000K	80	6,853	2089	171	IP20	20mm

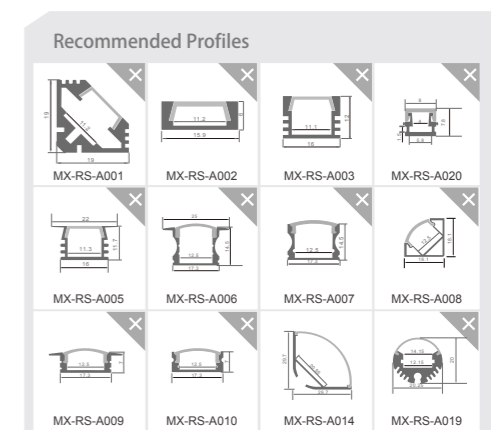
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80
CCT Range:	2700/3000/4000/5000/6000K
Irritation Angle:	120°
Light Efficiency:	154~171Lm/w
Lumen Output/meter/ft:	6168~6853Lm/m (1880~2089Lm/ft)
Energy Grade:	<b>C</b>



### Electric parameters

Input Current/m:	1.67A/m (0.5A/ft)
Input Voltage:	DC24V
Power/M:	40W/m (12.2W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	480LEDs/m
Size of Section:	16.67mm(0.66")
LEDs of Section	8 LEDs



### Waterproof Rate





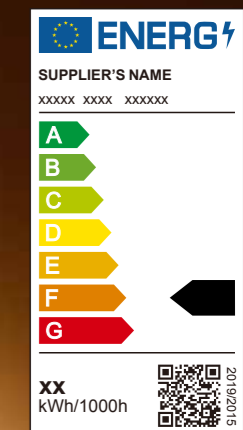




# MG

## STA LED FLEX

The SMD strip uses surface mount technology (SMT) and consists of a series of tightly packed SMD leds for high brightness and energy saving. SMD leds consume less electricity and are more energy efficient than traditional incandescent bulbs or fluorescent lamps. Its high brightness characteristics make it perform well in exhibition design, window display and other occasions .



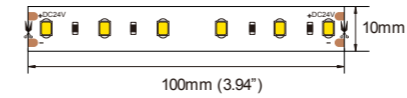
- 2100 K
- 2300 K
- 2500 K
- 2700 K
- 3000 K
- 3500 K
- 4000 K
- 5000 K
- 6000 K
- 6500 K



# ECO LED FLEX

## 2835SMD/60LED ECO

- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.

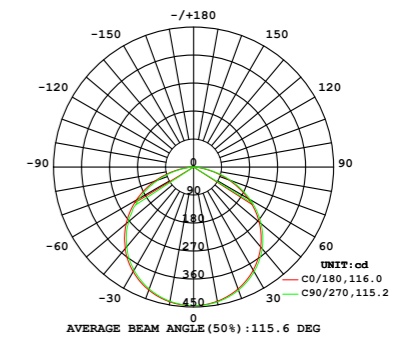


ECO LED FLEX

Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V060A80-D027A1A10106N	60	24V	12	2700K	80	1,080	337	90	IP20	10mm
MF328V060A80-D030A1A10106N	60	24V	12	3000K	80	1,140	356	95	IP20	10mm
MF328W060A80-D040A1A10106N	60	24V	12	4000K	80	1,200	375	100	IP20	10mm
MF328W060A80-D050A1A10106N	60	24V	12	5000K	80	1,200	375	100	IP20	10mm
MF328W060A80-D060A1A10106N	60	24V	12	6500K	80	1,200	375	100	IP20	10mm

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter/ft:	1080~1200Lm/m (337~375Lm/ft)
Energy Grade:	F



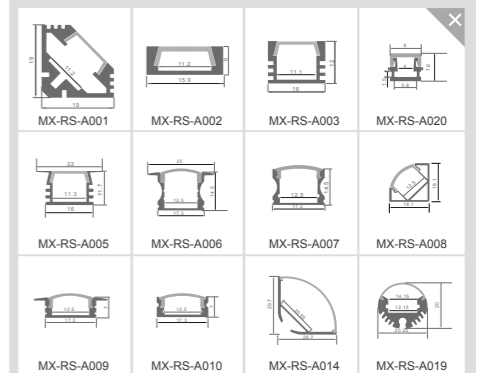
### Electric parameters

Input Current/m:	0.5A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12W/m (4W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	6 LEDs

### Waterproof Rate



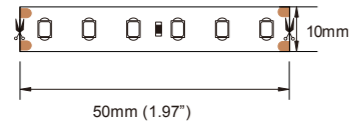
### Recommended Profiles



# ECO LED FLEX

## 2835SMD/120LED ECO

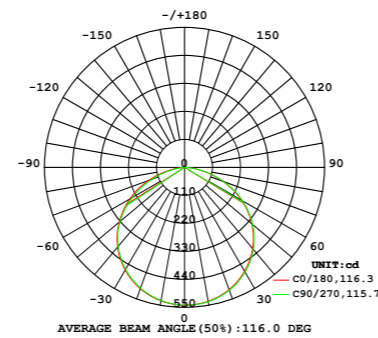
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V120A80-D027A1A10106N	120	24V	15	2700K	80	1,350	412	90	IP20	10mm
MF328V120A80-D030A1A10106N	120	24V	15	3000K	80	1,425	434	95	IP20	10mm
MF328W120A80-D040A1A10106N	120	24V	15	4000K	80	1,500	457	100	IP20	10mm
MF328W120A80-D050A1A10106N	120	24V	15	5000K	80	1,500	457	100	IP20	10mm
MF328W120A80-D060A1A10106N	120	24V	15	6000K	80	1,500	457	100	IP20	10mm

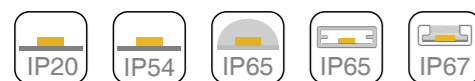
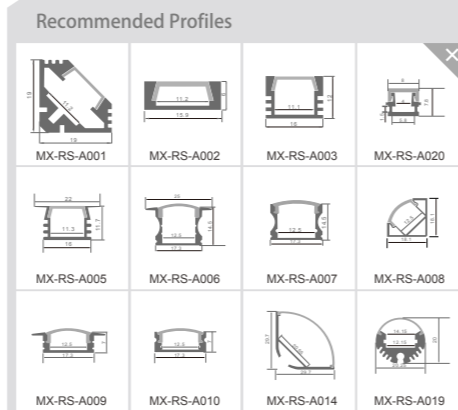
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter/ft:	1350~1500Lm/m (412~457Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

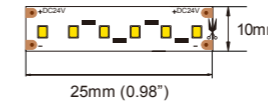
Input Current/m:	0.62A/m (0.2A/ft)
Input Voltage:	DC24V
Power/M:	15W/m (4.6W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	6 LEDs



# ECO LED FLEX

## 2835SMD/240LED ECO

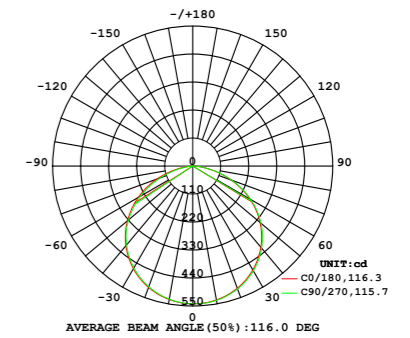
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328V240A80-D027A1A10106N	240	24V	21.6	2700K	80	2,041	637	95	IP20	10mm
MF328V240A80-D030A1A10106N	240	24V	21.6	3000K	80	2,160	675	100	IP20	10mm
MF328W240A80-D040A1A10106N	240	24V	21.6	4000K	80	2,268	708	105	IP20	10mm
MF328W240A80-D050A1A10106N	240	24V	21.6	5000K	80	2,268	708	105	IP20	10mm
MF328W240A80-D060A1A10106N	240	24V	21.6	6000K	80	2,268	708	105	IP20	10mm

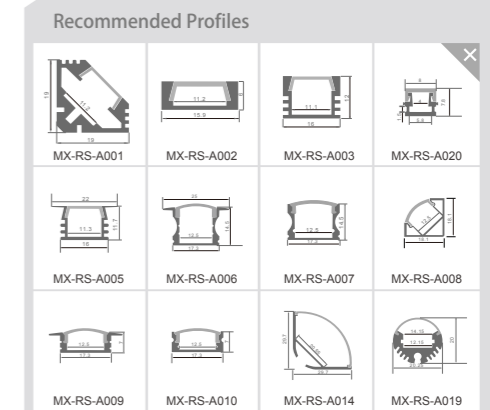
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	95~105Lm/w
Lumen Output/meter/ft:	2041~2268Lm/m (637~708Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.9A/m (0.27A/ft)
Input Voltage:	DC24V
Power/M:	21.6W/m (6.58W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m
Size of Section:	25mm(0.98")
LEDs of Section	6 LEDs

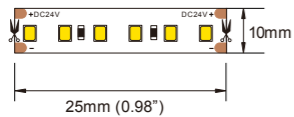




# STA LED FLEX

## 2216SMD/240LED STA

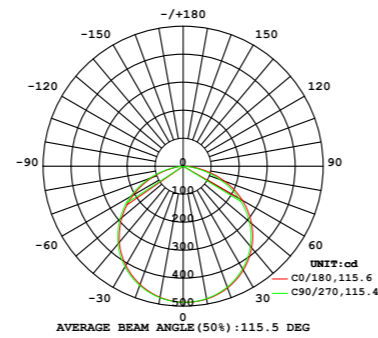
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF322V240A90-D027A1A10106N	240	24V	15	2700K	90	1,200	365	80	IP20	10mm
MF322V240A90-D030A1A10106N	240	24V	15	3000K	90	1,275	388	85	IP20	10mm
MF322W240A90-D040A1A10106N	240	24V	15	4000K	90	1,350	411	90	IP20	10mm
MF322W240A90-D050A1A10106N	240	24V	15	5000K	90	1,350	411	90	IP20	10mm
MF322W240A90-D060A1A10106N	240	24V	15	6000K	90	1,350	411	90	IP20	10mm

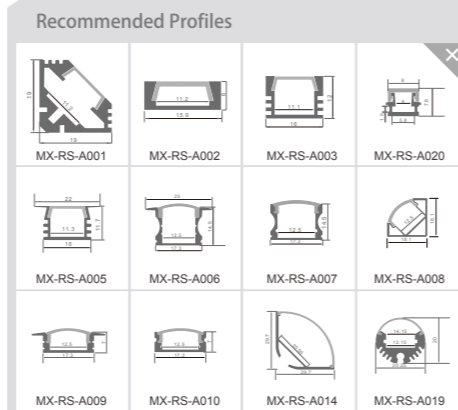
### Optical parameters

LED Type:	SMD2216
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	80~90Lm/w
Lumen Output/meter/ft:	1200~1350Lm/m (365~411Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	0.62A/m (0.18A/ft)
Input Voltage:	DC24V
Power/M:	15W/m (4.6W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m
Size of Section:	25mm(0.98")
LEDs of Section	6 LEDs



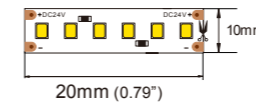
### Waterproof Rate



# STA LED FLEX

## 2216SMD/300LED STA

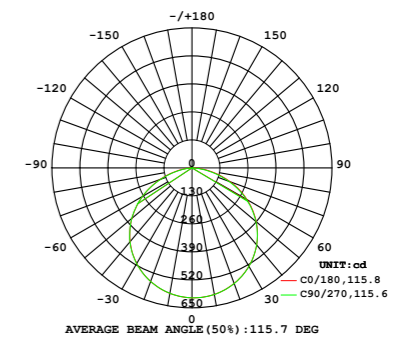
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF322V300A90-D027A1A10106N	300	24V	21.6	2700K	90	1,665	520	77	IP20	10mm
MF322V300A90-D030A1A10106N	300	24V	21.6	3000K	90	1,755	554	81	IP20	10mm
MF322W300A90-D040A1A10106N	300	24V	21.6	4000K	90	1,880	587	86	IP20	10mm
MF322W300A90-D050A1A10106N	300	24V	21.6	5000K	90	1,880	587	86	IP20	10mm
MF322W300A90-D060A1A10106N	300	24V	21.6	6000K	90	1,880	587	86	IP20	10mm

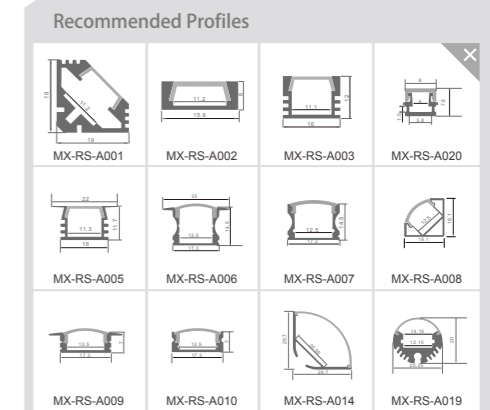
### Optical parameters

LED Type:	SMD2216
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	77~86Lm/w
Lumen Output/meter/ft:	1665~1880Lm/m (520~587Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	0.9A/m (0.27A/ft)
Input Voltage:	DC24V
Power/M:	21.6W/m (6.58W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	300LEDs/m
Size of Section:	20mm(0.79")
LEDs of Section	6 LEDs



### Waterproof Rate

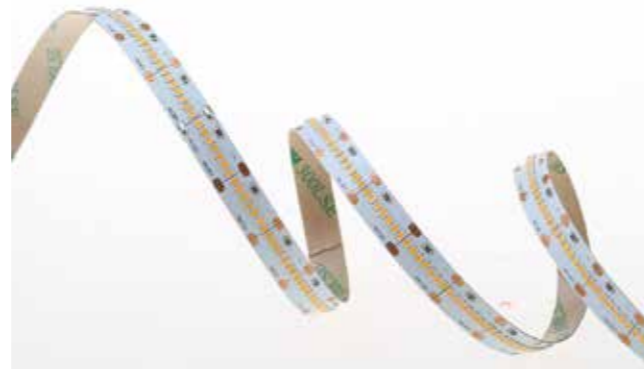
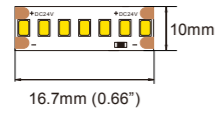


ECO LED FLEX

# STA LED FLEX

## ● 2216SMD/420LED

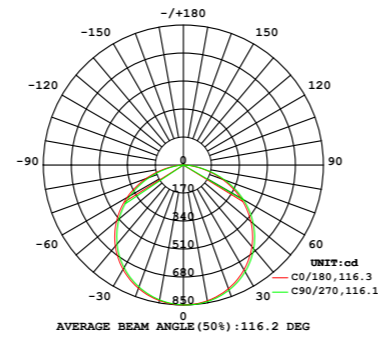
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF322V420A90-D027A1A10107N	420	24V	24	2700K	90	1,920	600	80	IP20	10mm
MF322V420A90-D030A1A10107N	420	24V	24	3000K	90	2,040	637	85	IP20	10mm
MF322W420A90-D040A1A10107N	420	24V	24	4000K	90	2,160	675	90	IP20	10mm
MF322W420A90-D050A1A10107N	420	24V	24	5000K	90	2,160	675	90	IP20	10mm
MF322W420A90-D060A1A10107N	420	24V	24	6000K	90	2,160	675	90	IP20	10mm

### Optical parameters

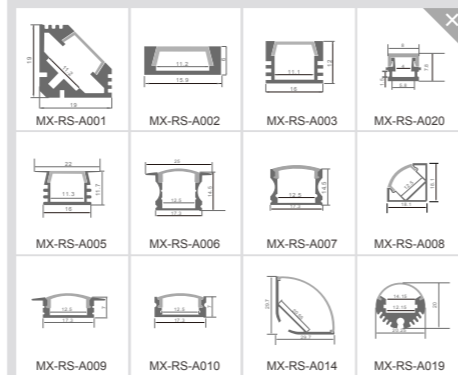
LED Type:	SMD2216
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	80~90Lm/w
Lumen Output/meter/ft:	1920~2160Lm/m (600~675Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	1A/m (0.3A/ft)
Input Voltage:	DC24V
Power/M:	24W/m (6.7W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	420LEDs/m
Size of Section:	16.7mm(0.66 inch)
LEDs of Section	7 LEDs

### Recommended Profiles



### Waterproof Rate



STA LED FLEX

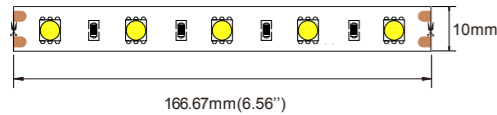


# STA LED FLEX

# ECONOMY FLEX

## 5050SMD/30LED ECO

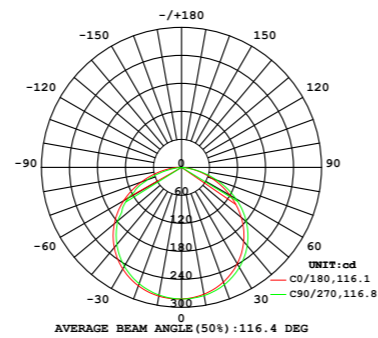
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350V030A80-D027A1A10106N	30	24V	7.2	2700K	80	576	175	80	IP20	10mm
MF350V030A80-D030A1A10106N	30	24V	7.2	3000K	80	590	180	82	IP20	10mm
MF350W030A80-D040A1A10106N	30	24V	7.2	4000K	80	612	186	85	IP20	10mm
MF350W030A80-D050A1A10106N	30	24V	7.2	5000K	80	612	186	85	IP20	10mm
MF350W030A80-D060A1A10106N	30	24V	7.2	6000K	80	612	186	85	IP20	10mm

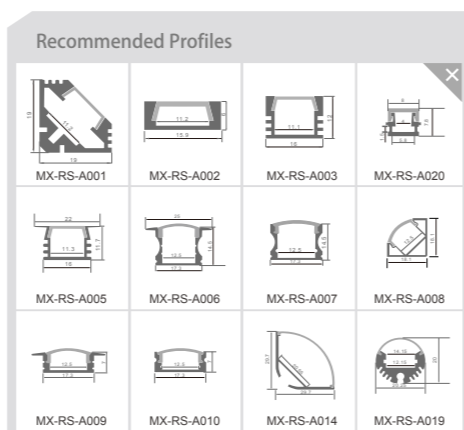
### Optical parameters

LED Type:	SMD5050
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	80~85Lm/w
Lumen Output/meter/ft:	576~612Lm/m (175~186Lm/ft)
Energy Grade:	<b>G</b>



### Electric parameters

Input Current/m:	0.3A/m (0.09A/ft)
Input Voltage:	DC24V
Power/M:	7.2W/m (2.2W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	30LEDs/m
Size of Section:	166.67mm(6.56")
LEDs of Section	5 LEDs



### Waterproof Rate

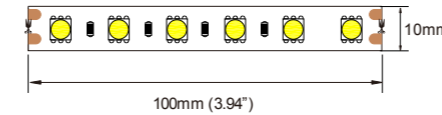


# STA LED FLEX

# ECONOMY FLEX

## 5050SMD/60LED

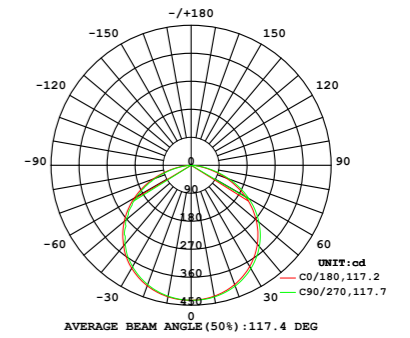
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350V060A80-D027A1A10106N	60	24V	14.4	2700K	80	1,206	368	84	IP20	10mm
MF350V060A80-D030A1A10106N	60	24V	14.4	3000K	80	1,273	388	88	IP20	10mm
MF350W060A80-D040A1A10106N	60	24V	14.4	4000K	80	1,324	409	93	IP20	10mm
MF350W060A80-D050A1A10106N	60	24V	14.4	5000K	80	1,324	409	93	IP20	10mm
MF350W060A80-D060A1A10106N	60	24V	14.4	6000K	80	1,324	409	93	IP20	10mm

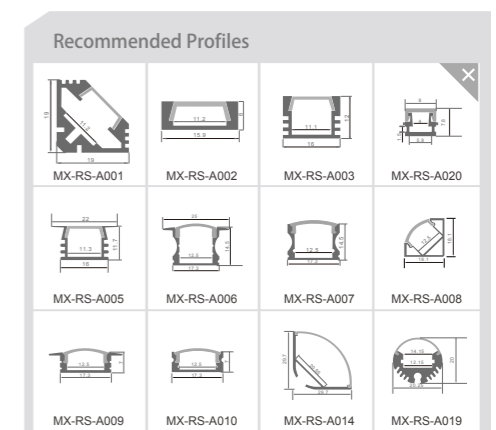
### Optical parameters

LED Type:	SMD5050
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	84~93Lm/w
Lumen Output/meter/ft:	1206~1324Lm/m (368~409Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.6A/m (0.18A/ft)
Input Voltage:	DC24V
Power/M:	14.4W/m (4.4W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	6 LEDs



### Waterproof Rate



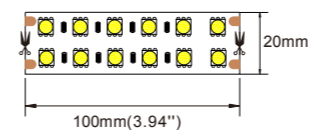
STA LED FLEX





● 5050SMD/120LED

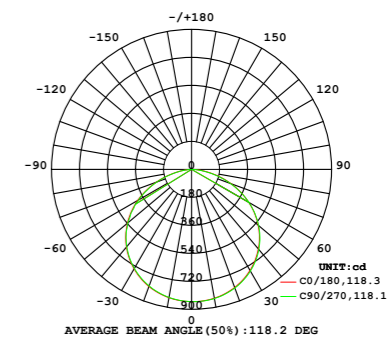
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350V120A80-D027A1A20112N	120	24V	24	2700K	80	2,025	632	84	IP20	20mm
MF350V120A80-D030A1A20112N	120	24V	24	3000K	80	2,138	668	89	IP20	20mm
MF350W120A80-D040A1A20112N	120	24V	24	4000K	80	2,250	703	94	IP20	20mm
MF350W120A80-D050A1A20112N	120	24V	24	5000K	80	2,250	703	94	IP20	20mm
MF350W120A80-D060A1A20112N	120	24V	24	6000K	80	2,250	703	94	IP20	20mm

Optical parameters

LED Type:	SMD5050
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	84~94Lm/w
Lumen Output/meter/ft:	2025~2250Lm/m (632~703Lm/ft)
Energy Grade:	F



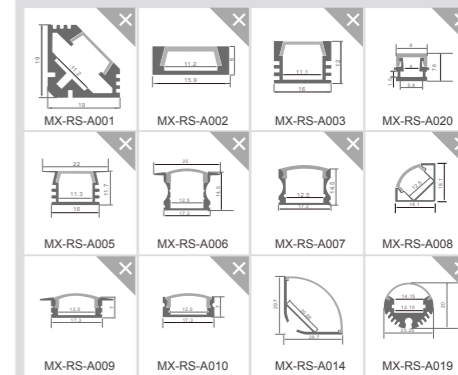
Electric parameters

Input Current/m:	1A/m (0.3A/ft)
Input Voltage:	DC24V
Power/M:	24W/m (7.3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	100mm(3.93")
LEDs of Section	12 LEDs

Waterproof Rate

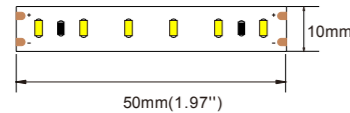


Recommended Profiles



### 3014SMD/120LED

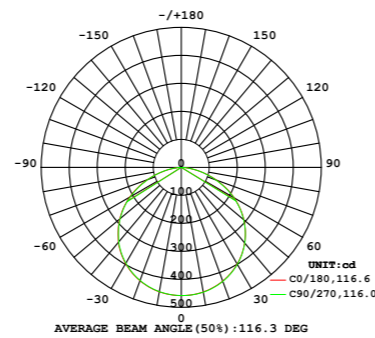
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF331V120A80-D027A1A10106N	120	24V	12	2700K	80	1,116	340	93	IP20	10mm
MF331V120A80-D030A1A10106N	120	24V	12	3000K	80	1,178	359	98	IP20	10mm
MF331W120A80-D040A1A10106N	120	24V	12	4000K	80	1,240	378	103	IP20	10mm
MF331W120A80-D050A1A10106N	120	24V	12	5000K	80	1,240	378	103	IP20	10mm
MF331W120A80-D060A1A10106N	120	24V	12	6000K	80	1,240	378	103	IP20	10mm

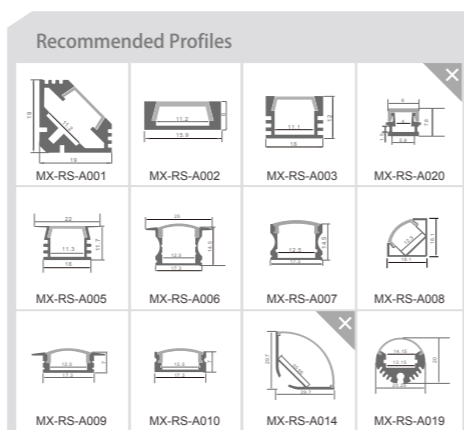
Optical parameters

LED Type:	SMD3014
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	93~103Lm/w
Lumen Output/meter/ft:	1116~1240Lm/m (340~378Lm/ft)
Energy Grade:	F



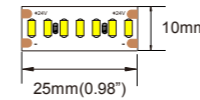
Electric parameters

Input Current/m:	0.5A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12W/m (3.6W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.96")
LEDs of Section	6 LEDs



### 3014SMD/280LED

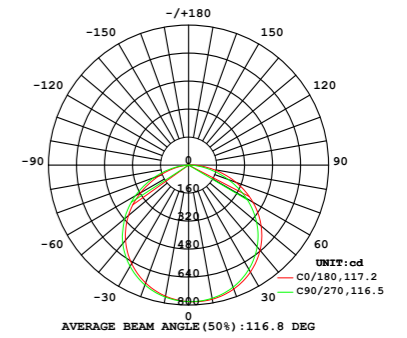
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF331V280A80-D027A1A10107N	280	24V	19.2	2700K	80	2,106	658	111	IP20	10mm
MF331V280A80-D030A1A10107N	280	24V	19.2	3000K	80	2,223	694	117	IP20	10mm
MF331W280A80-D040A1A10107N	280	24V	19.2	4000K	80	2,340	731	123	IP20	10mm
MF331W280A80-D050A1A10107N	280	24V	19.2	5000K	80	2,340	731	123	IP20	10mm
MF331W280A80-D060A1A10107N	280	24V	19.2	6000K	80	2,340	731	123	IP20	10mm

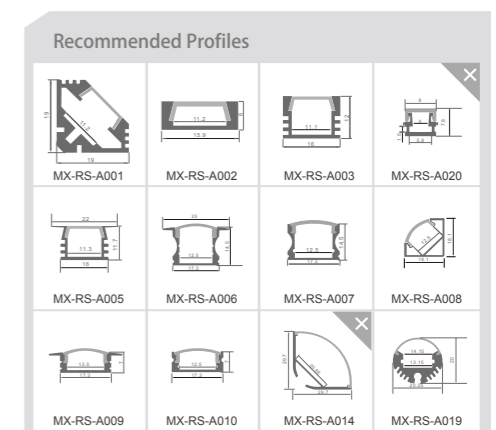
Optical parameters

LED Type:	SMD3014
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	111~123Lm/w
Lumen Output/meter/ft:	2106~2340Lm/m (658~731Lm/ft)
Energy Grade:	E



Electric parameters

Input Current/m:	0.8A/m (0.24A/ft)
Input Voltage:	DC24V
Power/M:	19.2W/m (5.9W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	280LEDs/m
Size of Section:	25mm(0.98")
LEDs of Section	7 LEDs

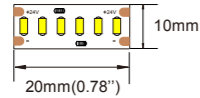


# STA LED FLEX

# ECONOMY FLEX

## 3014SMD/300LED

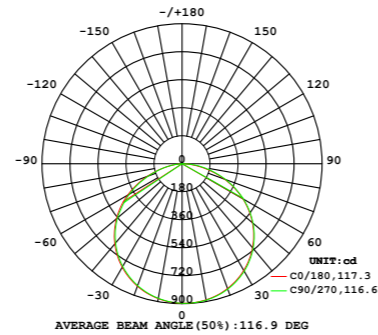
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF331V300A80-D027A1A10106N	300	24V	24	2700K	80	2,241	700	93	IP20	10mm
MF331V300A80-D030A1A10106N	300	24V	24	3000K	80	2,366	739	99	IP20	10mm
MF331W300A80-D040A1A10106N	300	24V	24	4000K	80	2,490	778	104	IP20	10mm
MF331W300A80-D050A1A10106N	300	24V	24	5000K	80	2,490	778	104	IP20	10mm
MF331W300A80-D060A1A10106N	300	24V	24	6000K	80	2,490	778	104	IP20	10mm

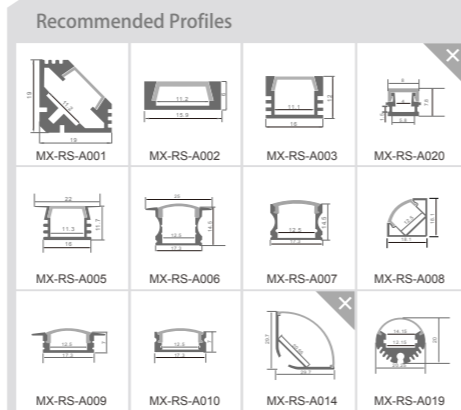
### Optical parameters

LED Type:	SMD3014
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	93~104Lm/w
Lumen Output/meter/ft:	2241~2490Lm/m (700~778Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	1A/m (0.3A/ft)
Input Voltage:	DC24V
Power/M:	24W/m (7.3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	300LEDs/m
Size of Section:	20mm(0.78")
LEDs of Section	6 LEDs



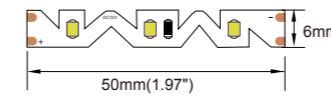
### Waterproof Rate



# STA LED FLEX

## 2835SMD/60LED S-type

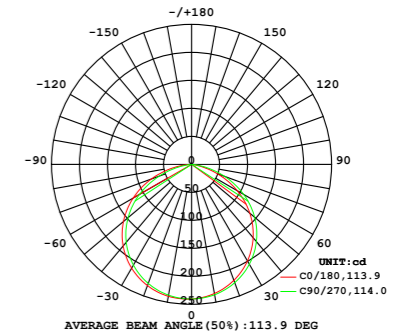
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF228V060A80-D027A1A06103N	60	12V	6	2700K	80	540	164	90	IP20	6mm
MF228V060A80-D030A1A06103N	60	12V	6	3000K	80	570	173	95	IP20	6mm
MF228W060A80-D040A1A06103N	60	12V	6	4000K	80	600	182	100	IP20	6mm
MF228W060A80-D050A1A06103N	60	12V	6	5000K	80	600	182	100	IP20	6mm
MF228W060A80-D060A1A06103N	60	12V	6	6000K	80	600	182	100	IP20	6mm

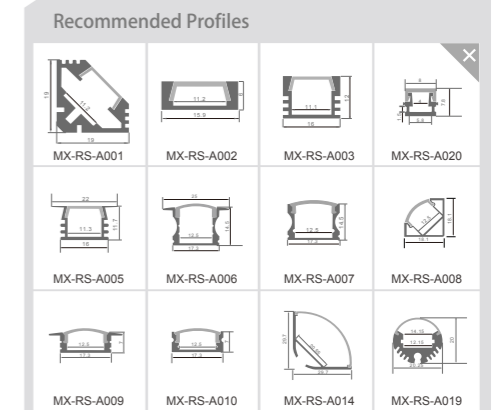
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter/ft:	540~600Lm/m (164~182Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	0.5A/m (0.15A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.8W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	3 LEDs



### Waterproof Rate

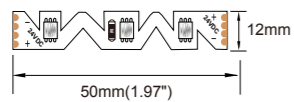


STA LED FLEX



### 5050SMD/60LED RGB S-type

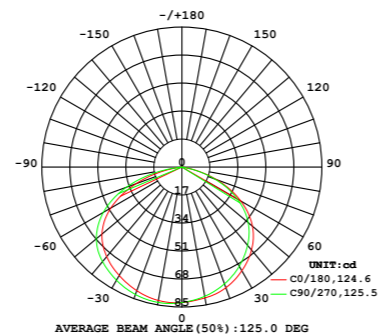
- Use S shape PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,IP20 and IP65 are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF250A060A00-D000J1A12103N	60	12V	2.7	RED	N/A	68	21	25	IP20	12mm
	60	12V	2.7	GREEN	N/A	220	67	81	IP20	12mm
	60	12V	2.7	BLUE	N/A	63	19	23	IP20	12mm
	60	12V	8	RGB	N/A	350	107	44	IP20	12mm

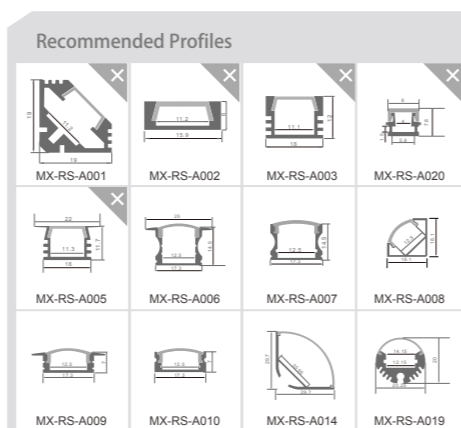
Optical parameters

LED Type:	SMD5050
Color Rendering Index:	N/A
CCT Range:	RGB
Irritation Angle:	120°
Light Efficiency:	81Lm/w Max
Lumen Output/meter:	350Lm/m Max



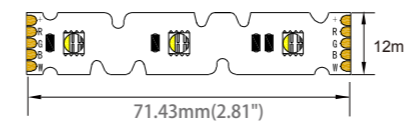
Electric parameters

Input Current/m:	0.66A/m (0.2A/ft)
Input Voltage:	DC12V
Power/M:	8W/m (2.4W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	3 LEDs



### 5050SMD/42LED RGBW S-type

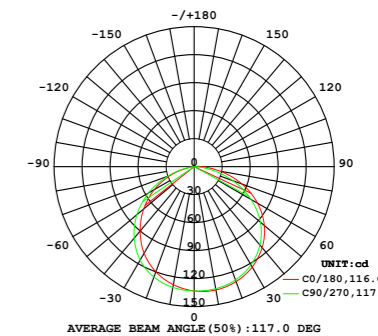
- Use S shape PCB,R:620-630nm,G:515-525nm,B:460-470nm,W:2700-6000K LEDs;
- Can set with controller if you need,IP20 and IP65 are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF250Z042A80-D000K1A12103N	42	12V	2.5	RED	N/A	72	22	29	IP20	12mm
	42	12V	2.5	GREEN	N/A	181	55	72	IP20	12mm
	42	12V	2.5	BLUE	N/A	43	13	17	IP20	12mm
	42	12V	2.5	2700~6000	>80	215	66	86	IP20	12mm
	42	12V	12.5	RGBW	N/A	510	155	51	IP20	12mm

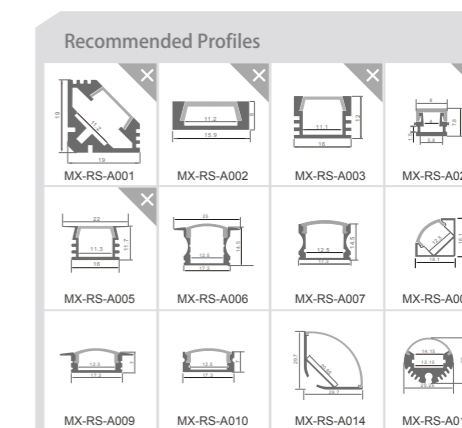
Optical parameters

LED Type:	SMD5050
Color Rendering Index:	N/A
CCT Range:	RGBW
Irritation Angle:	120°
Light Efficiency:	86Lm/w Max
Lumen Output/meter:	510Lm/m Max



Electric parameters

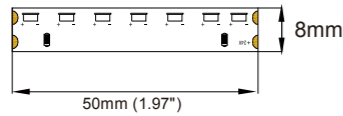
Input Current/m:	1.04A/m (3.8A/ft)
Input Voltage:	DC12V
Power/M:	12.5W/m (3.8W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	42LEDs/m
Size of Section:	71.4mm(2.81")
LEDs of Section	3 LEDs



# STA LED FLEX

## 3014 SIDE VIEW 140LED

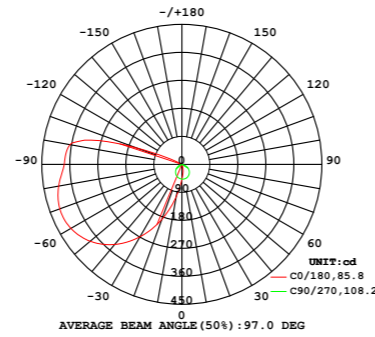
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF331V140A90-D027A1A08106N	140	24V	9.6	2700K	90	945	288	98	IP20	8mm
MF331V140A90-D030A1A08106N	140	24V	9.6	3000K	90	998	304	104	IP20	8mm
MF331W140A90-D040A1A08106N	140	24V	9.6	4000K	90	1,080	320	109	IP20	8mm
MF331W140A90-D050A1A08106N	140	24V	9.6	5000K	90	1,080	320	80	IP20	8mm
MF331W140A90-D060A1A08106N	140	24V	9.6	6000K	90	1,080	320	80	IP20	8mm

### Optical parameters

LED Type:	SMD3014
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	98~109Lm/w
Lumen Output/meter/ft:	945~1080Lm/m (288~320Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	0.4A/m (0.12A/ft)
Input Voltage:	DC24V
Power/M:	9.6W/m (2.9W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs

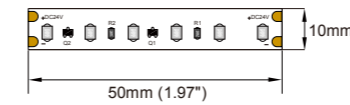
### Waterproof Rate



# STA LED FLEX

## 2835SMD/120LED/ Ultra Long

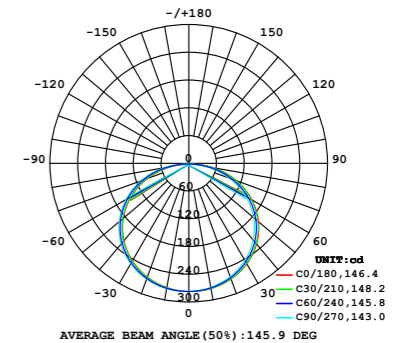
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- Constant current;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF328V120A80-D027A1A10106C	120	24V	9.6	2700K	80	960	293	100	IP20	10mm	20m
MF328V120A80-D030A1A10106C	120	24V	9.6	3000K	80	1,008	307	105	IP20	10mm	20m
MF328W120A80-D040A1A10106C	120	24V	9.6	4000K	80	1,056	322	110	IP20	10mm	20m
MF328W120A80-D050A1A10106C	120	24V	9.6	5000K	80	1,056	322	110	IP20	10mm	20m
MF328W120A80-D060A1A10106C	120	24V	9.6	6500K	80	1,056	322	110	IP20	10mm	20m

### Optical parameters

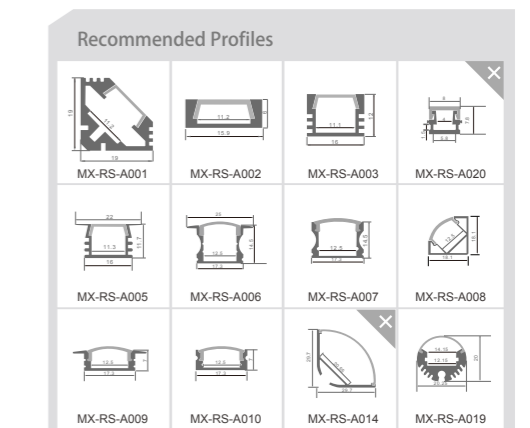
LED Type:	SMD2835
Color Rendering Index:	80
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	100~110Lm/w
Lumen Output/meter/ft:	960~1056Lm/m (293~322Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	0.4A/m (0.12A/ft)
Input Voltage:	DC24V
Power/M:	9.6W/m (2.9W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	6 LEDs

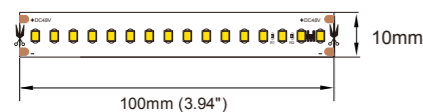
### Waterproof Rate



# STA LED FLEX

## 2835SMD/160LED/48V

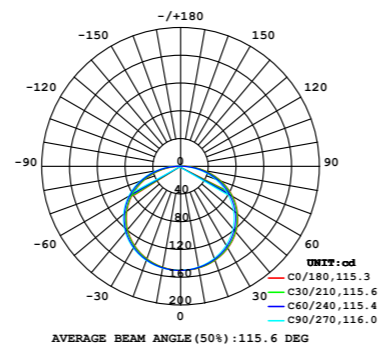
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- Constant current;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF428V160A90-D027A1A10106N	160	48V	14.4	2700K	90	1,814	567	126	IP20	10mm	20m
MF428V160A90-D030A1A10106N	160	48V	14.4	3000K	90	1,944	607	135	IP20	10mm	20m
MF428W160A90-D040A1A10106N	160	48V	14.4	4000K	90	2,016	630	140	IP20	10mm	20m
MF428W160A90-D050A1A10106N	160	48V	14.4	5000K	90	2,016	630	140	IP20	10mm	20m
MF428W160A90-D060A1A10106N	160	48V	14.4	6500K	90	2,016	630	140	IP20	10mm	20m

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	Ra>90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	126~140Lm/w
Lumen Output/meter/ft:	1814~2016Lm/m (567~630Lm/ft)
Energy Grade:	<b>D</b>



### Electric parameters

Input Current/m:	0.3A/m (0.09A/ft)
Input Voltage:	DC48V(Constant Current)
Power/M:	14.4W/m (4.6W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	160LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	16 LEDs

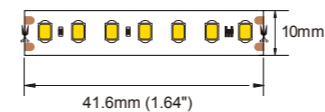
### Waterproof Rate



# STA LED FLEX

## 2835SMD/168LED/24V

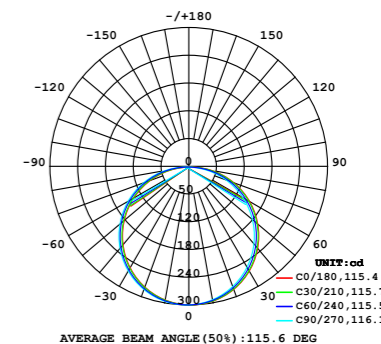
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- Constant current;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF328V168A90-D027A1A10106C	168	24V	12	2700K	90	1,448	439	120	IP20	10mm	20m
MF328V168A90-D030A1A10106C	168	24V	12	3000K	90	1,520	463	127	IP20	10mm	20m
MF328W168A90-D040A1A10106C	168	24V	12	4000K	90	1,600	488	133	IP20	10mm	20m
MF328W168A90-D050A1A10106C	168	24V	12	5000K	90	1,600	488	133	IP20	10mm	20m
MF328W168A90-D060A1A10106C	168	24V	12	6500K	90	1,600	488	133	IP20	10mm	20m

### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	120~133Lm/w
Lumen Output/meter/ft:	1448~1600Lm/m (439~488Lm/ft)
Energy Grade:	<b>E</b>



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC24V
Power/M:	12W/m (4W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	168LEDs/m
Size of Section:	41.6mm(1.64")
LEDs of Section	7 LEDs

### Waterproof Rate







# n7

## ULTRA-NARROW SERIES

The cabinet strip can provide additional lighting, especially in the interior and bottom of the cabinet, solving the problem of dead corners that are difficult to illuminate with traditional lighting. Light strips illuminate the inside of cabinets, making it easy to find and access items, while also improving the quality of light during cooking and meal preparation. Most cabinet light strips use LED technology, which has lower energy consumption and longer service life than traditional lighting fixtures. They provide sufficient lighting while effectively reducing energy consumption, in line with the pursuit of green life in modern families.

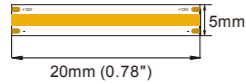
- 2100 K
- 2300 K
- 2500 K
- 2700 K
- 3000 K
- 3500 K
- 4000 K
- 5000 K
- 6000 K
- 6500 K

# ULTRA-NARROW SERIES

# SLIM STRIP

## COB/400LED 5MM

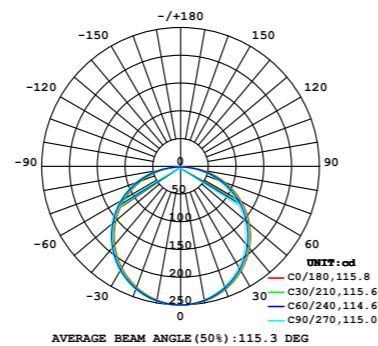
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF209V400A90-D027A1A05106N	400	12V	6	2700K	90	588	179	98	IP20	5mm
MF209V400A90-D030A1A05106N	400	12V	6	3000K	90	606	185	101	IP20	5mm
MF209W400A90-D040A1A05106N	400	12V	6	4000K	90	636	194	106	IP20	5mm
MF209W400A90-D050A1A05106N	400	12V	6	5000K	90	636	194	106	IP20	5mm
MF209W400A90-D060A1A05106N	400	12V	6	6000K	90	636	194	106	IP20	5mm

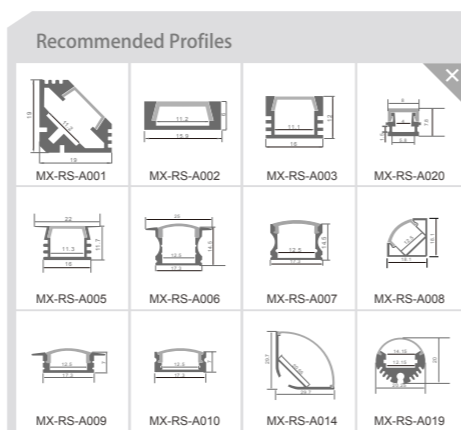
### Optical parameters

LED Type:	COB
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	98~106Lm/w
Lumen Output/meter/ft:	588-636Lm/m (179~194Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	400LEDs/m
Size of Section:	20mm(0.78")
LEDs of Section	8 LEDs



### Waterproof Rate

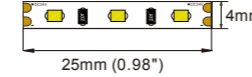


# ULTRA-NARROW SERIES

# SLIM STRIP

## 2835SMD/120LED 4MM

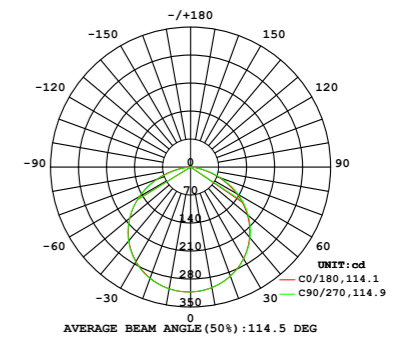
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF228V120A90-D027A1A04103N	120	12V	6	2700K	90	552	168	92	IP20	4mm
MF228V120A90-D030A1A04103N	120	12V	6	3000K	90	582	177	97	IP20	4mm
MF228W120A90-D040A1A04103N	120	12V	6	4000K	90	612	187	102	IP20	4mm
MF228W120A90-D050A1A04103N	120	12V	6	5000K	90	612	187	102	IP20	4mm
MF228W120A90-D060A1A04103N	120	12V	6	6000K	90	612	187	102	IP20	4mm

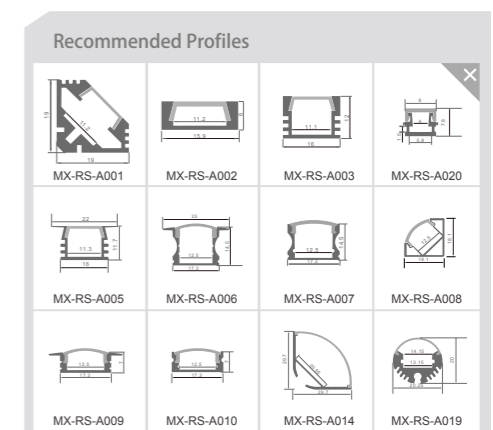
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	92~102Lm/w
Lumen Output/meter/ft:	552~612Lm/m (168~187Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	25mm(0.98")
LEDs of Section	3 LEDs



### Waterproof Rate

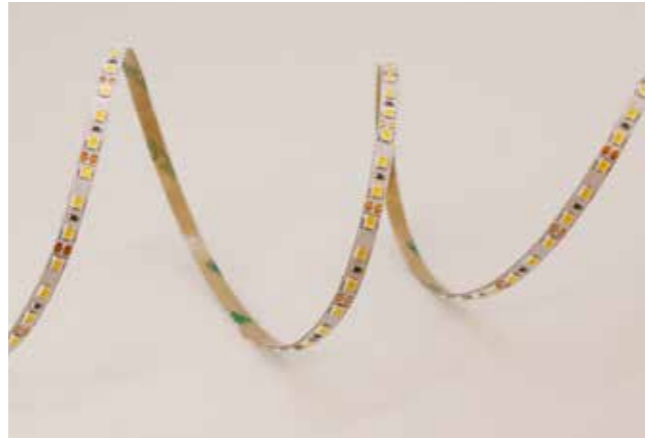
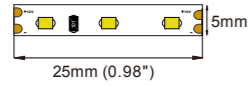


# ULTRA-NARROW SERIES

# SLIM STRIP

## ● 2835SMD/120LED 5MM

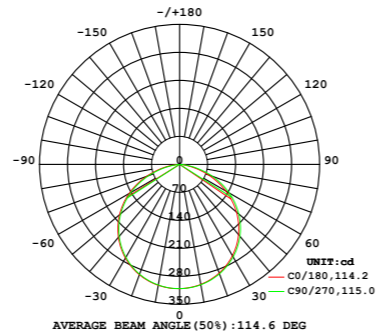
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF228V120A90-D027A1A05103N	120	12V	6	2700K	90	552	168	92	IP20	5mm
MF228V120A90-D030A1A05103N	120	12V	6	3000K	90	582	177	97	IP20	5mm
MF228W120A90-D040A1A05103N	120	12V	6	4000K	90	612	187	102	IP20	5mm
MF228W120A90-D050A1A05103N	120	12V	6	5000K	90	612	187	102	IP20	5mm
MF228W120A90-D060A1A05103N	120	12V	6	6000K	90	612	187	102	IP20	5mm

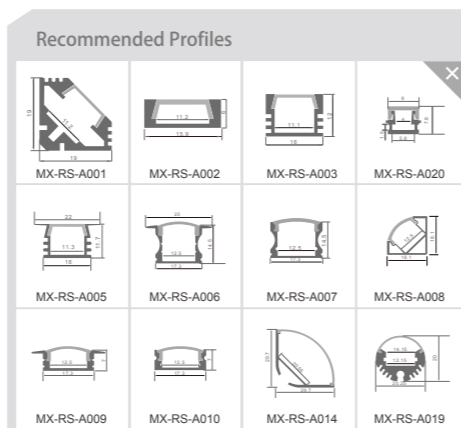
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	92~102Lm/w
Lumen Output/meter/ft:	552~612Lm/m (168~187Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	25mm(0.98")
LEDs of Section	3 LEDs



### Waterproof Rate

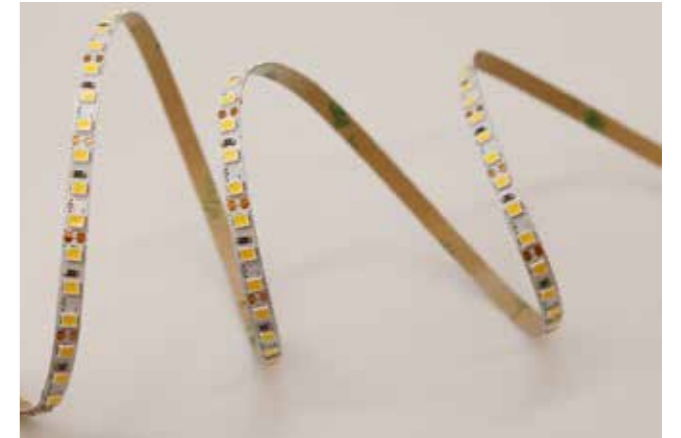
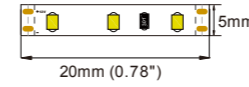


# ULTRA-NARROW SERIES

# SLIM STRIP

## ● 2835SMD/150LED 5MM

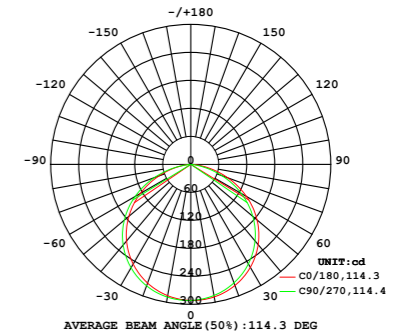
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF228V150A90-D027A1A05103N	150	12V	6	2700K	90	552	168	92	IP20	5mm
MF228V150A90-D030A1A05103N	150	12V	6	3000K	90	582	177	97	IP20	5mm
MF228W150A90-D040A1A05103N	150	12V	6	4000K	90	612	187	102	IP20	5mm
MF228W150A90-D050A1A05103N	150	12V	6	5000K	90	612	187	102	IP20	5mm
MF228W150A90-D060A1A05103N	150	12V	6	6000K	90	612	187	102	IP20	5mm

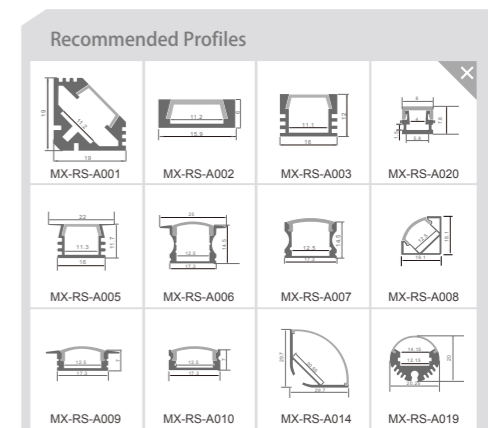
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	92~102Lm/w
Lumen Output/meter/ft:	552~612Lm/m (168~187Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	150LEDs/m
Size of Section:	20mm(0.78")
LEDs of Section	3 LEDs



### Waterproof Rate



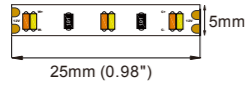


# ULTRA-NARROW SERIES

# SLIM STRIP

## 3014SMD/240LED 5MM

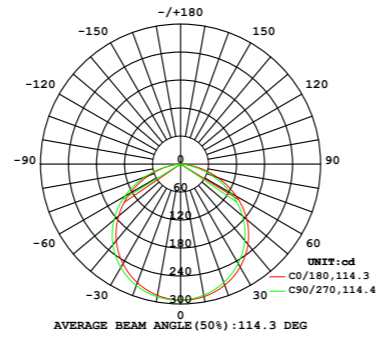
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF231U240A90-D80111A05106N	240	12V	6	2700K	90	498	152	83	IP20	5mm
MF231U240A90-D80111A05106N	240	12V	6	6800K	90	516	157	86	IP20	5mm

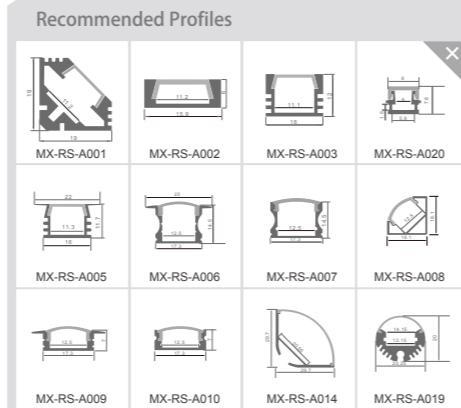
### Optical parameters

LED Type:	SMD3014
Color Rendering Index:	90
CCT Range:	2700K-6800K
Irritation Angle:	120°
Light Efficiency:	83~86Lm/w
Lumen Output/meter/ft:	498~516Lm/m (152~157Lm/ft)
Energy Grade:	<b>G</b>



### Electric parameters

Input Current/m:	0.25/m (0.08A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m
Size of Section:	25mm(0.98 inch)
LEDs of Section	6 LEDs

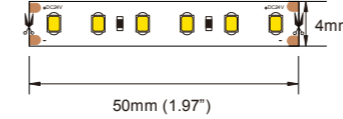


# ULTRA-NARROW SERIES

# SLIM STRIP

## 2216SMD/120LED 4MM

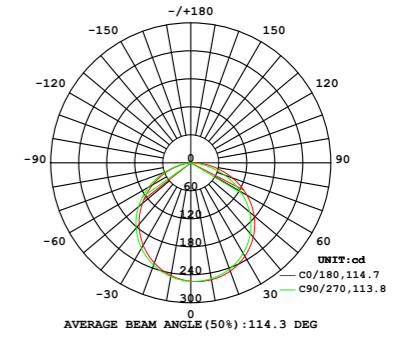
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF322V120A90-D027A1A04106N	120	24V	6	2700K	90	498	152	83	IP20	4mm
MF322V120A90-D030A1A04106N	120	24V	6	3000K	90	510	155	85	IP20	4mm
MF322W120A90-D040A1A04106N	120	24V	6	4000K	90	528	161	88	IP20	4mm
MF322W120A80-D050A1A04106N	120	24V	6	5000K	90	528	161	88	IP20	4mm
MF322W120A80-D060A1A04106N	120	24V	6	6000K	90	528	161	88	IP20	4mm

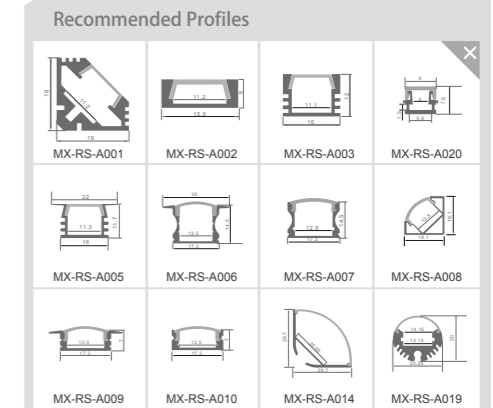
### Optical parameters

LED Type:	SMD2216
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	83~88Lm/w
Lumen Output/meter/ft:	498~528Lm/m (152~161Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.25A/m (0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97 inch)
LEDs of Section	6 LEDs

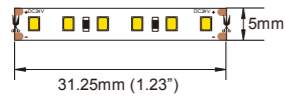


# ULTRA-NARROW SERIES

# SLIM STRIP

## 2216SMD/192LED 5MM

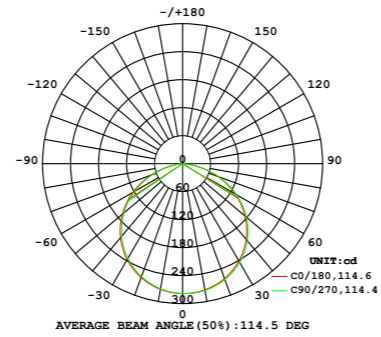
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF322V192A90-D027A1A05106N	192	24V	6	2700K	90	486	148	81	IP20	5mm
MF322V192A90-D030A1A05106N	192	24V	6	3000K	90	528	161	88	IP20	5mm
MF322W192A90-D040A1A05106N	192	24V	6	4000K	90	540	165	90	IP20	5mm
MF322W192A80-D050A1A05106N	192	24V	6	5000K	90	540	165	90	IP20	5mm
MF322W192A80-D060A1A05106N	192	24V	6	6000K	90	540	165	90	IP20	5mm

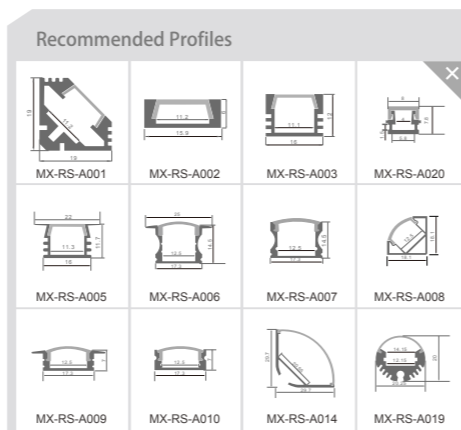
### Optical parameters

LED Type:	SMD2216
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	81~90Lm/w
Lumen Output/meter/ft:	486~540Lm/m (148~165Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.25A/m (0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	192LEDs/m
Size of Section:	31.25mm(1.23")
LEDs of Section	6 LEDs



### Waterproof Rate

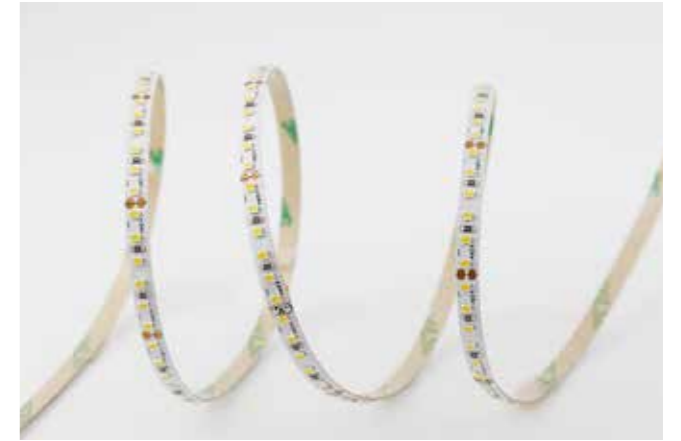
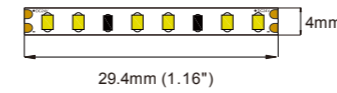


# ULTRA-NARROW SERIES

# SLIM STRIP

## 2216SMD/204LED 4MM

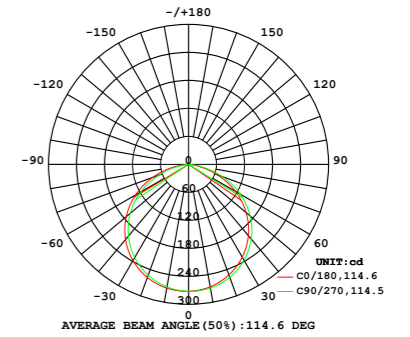
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF322V204A90-D027A1A04106N	204	24V	6	2700K	90	468	143	78	IP20	4mm
MF322V204A90-D030A1A04106N	204	24V	6	3000K	90	480	146	80	IP20	4mm
MF322W204A90-D040A1A04106N	204	24V	6	4000K	90	510	155	85	IP20	4mm
MF322W204A80-D050A1A04106N	204	24V	6	5000K	90	510	155	85	IP20	4mm
MF322W204A80-D060A1A04106N	204	24V	6	6000K	90	510	155	85	IP20	4mm

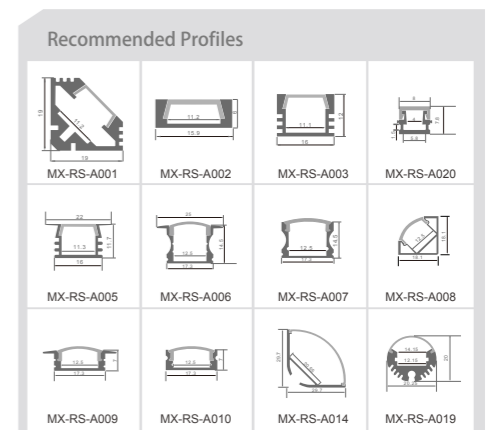
### Optical parameters

LED Type:	SMD2216
Color Rendering Index:	90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	78~85Lm/w
Lumen Output/meter/ft:	468~510Lm/m (143~155Lm/ft)
Energy Grade:	<b>G</b>



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC24V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	204LEDs/m
Size of Section:	29.4mm(1.16")
LEDs of Section	6 LEDs



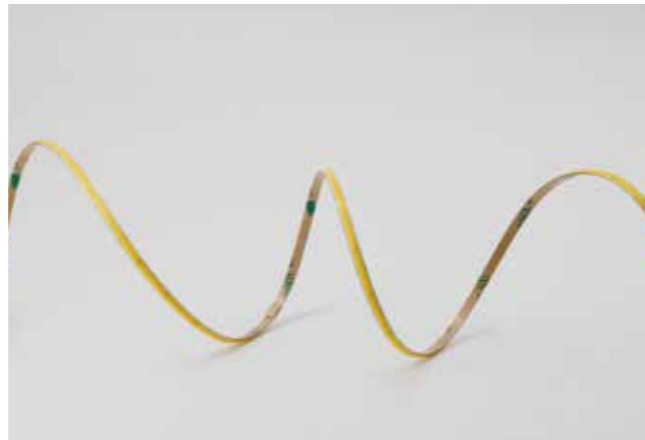
### Waterproof Rate



# ULTRA-NARROW SERIES

## ● COB/528LED/12V 3MM

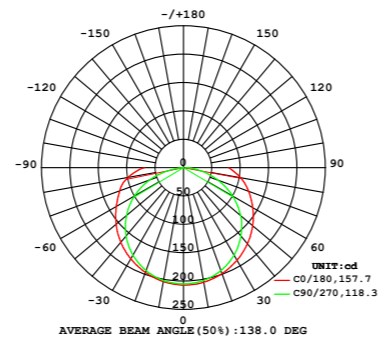
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF209W528A90-D027A1A03304N	528	12V	6	2700K	90	540	165	90	IP20	3mm	5m
MF209W528A90-D030A1A03304N	528	12V	6	3000K	90	570	174	95	IP20	3mm	5m
MF209W528A90-D040A1A03304N	528	12V	6	4000K	90	600	183	100	IP20	3mm	5m
MF209W528A90-D050A1A03304N	528	12V	6	5000K	90	600	183	100	IP20	3mm	5m
MF209W528A90-D065A1A03304N	528	12V	6	6500K	90	600	183	100	IP20	3mm	5m

### Optical parameters

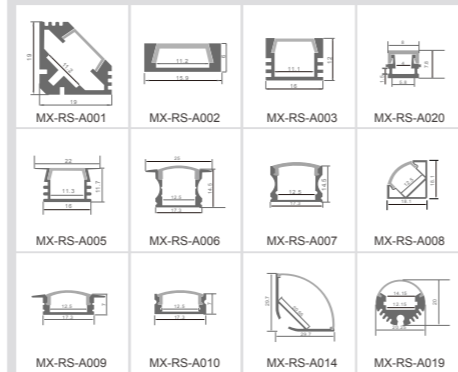
LED Type:	COB
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	140°
Light Efficiency:	90~100Lm/w
Lumen Output/meter/ft:	540~600Lm/m (165~183Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	528LEDs/m
Size of Section:	22.73mm(0.89")
LEDs of Section	12 LEDs

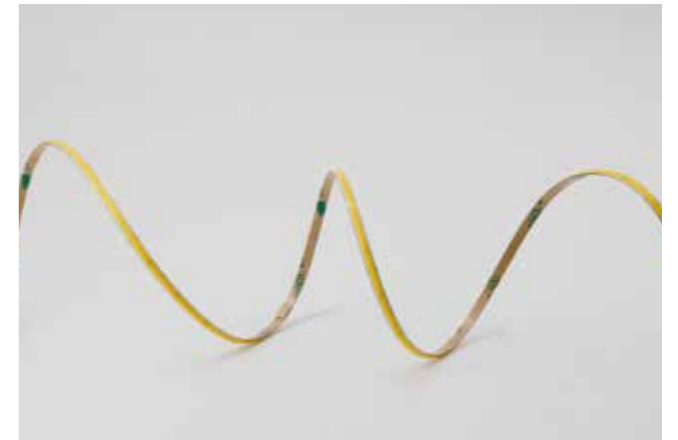
### Recommended Profiles



# ULTRA-NARROW SERIES

## ● COB/420LED/24V 4MM

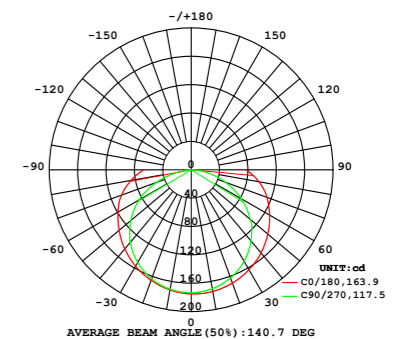
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF309W420A90-D027A1A04107N	420	24V	6	2700K	90	486	148	81	IP20	4mm	5m
MF309W420A90-D030A1A04107N	420	24V	6	3000K	90	510	155	85	IP20	4mm	5m
MF309W420A90-D040A1A04107N	420	24V	6	4000K	90	540	165	90	IP20	4mm	5m
MF309W420A90-D050A1A04107N	420	24V	6	5000K	90	540	165	90	IP20	4mm	5m
MF309W420A90-D065A1A04107N	420	24V	6	6500K	90	540	165	90	IP20	4mm	5m

### Optical parameters

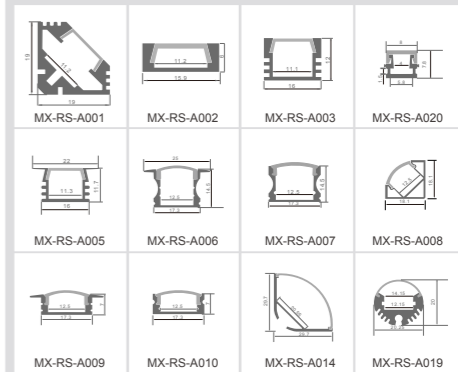
LED Type:	COB
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	140°
Light Efficiency:	81~90Lm/w
Lumen Output/meter/ft:	486~540Lm/m (148~165Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.25A/m (0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	420LEDs/m
Size of Section:	16.67mm(0.66")
LEDs of Section	7 LEDs

### Recommended Profiles

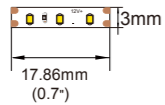




# ULTRA-NARROW SERIES

## 2025SMD/168LED/12V 3MM

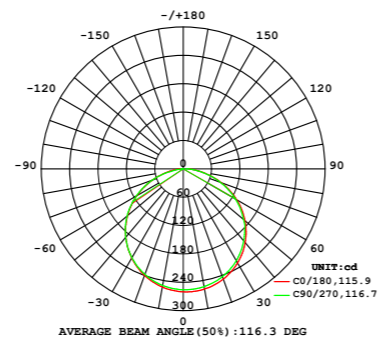
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF220W168A90-D027A1A03103N	168	12V	6	2700K	90	540	165	90	IP20	3mm	5m
MF220W168A90-D030A1A03103N	168	12V	6	3000K	90	570	174	95	IP20	3mm	5m
MF220W168A90-D040A1A03103N	168	12V	6	4000K	90	600	183	100	IP20	3mm	5m
MF220W168A90-D050A1A03103N	168	12V	6	5000K	90	600	183	100	IP20	3mm	5m
MF220W168A90-D065A1A03103N	168	12V	6	6500K	90	600	183	100	IP20	3mm	5m

### Optical parameters

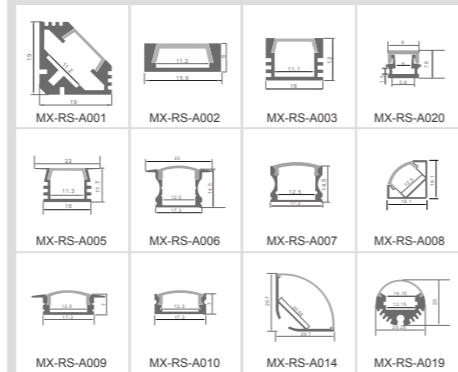
LED Type:	SMD2025
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter/ft:	540~600Lm/m (165~183Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	168LEDs/m
Size of Section:	17.86mm(0.7")
LEDs of Section	3 LEDs

### Recommended Profiles



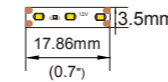
### Waterproof Rate



# ULTRA-NARROW SERIES

## 2216SMD/168LED/12V 3.5MM

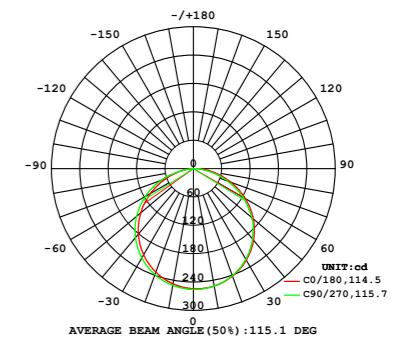
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF222W168A90-D027A1A03103N	168	12V	6	2700K	90	516	157	86	IP20	3.5mm	5m
MF222W168A90-D030A1A03103N	168	12V	6	3000K	90	540	165	90	IP20	3.5mm	5m
MF222W168A90-D040A1A03103N	168	12V	6	4000K	90	570	174	95	IP20	3.5mm	5m
MF222W168A90-D050A1A03103N	168	12V	6	5000K	90	570	174	95	IP20	3.5mm	5m
MF222W168A90-D065A1A03103N	168	12V	6	6500K	90	570	174	95	IP20	3.5mm	5m

### Optical parameters

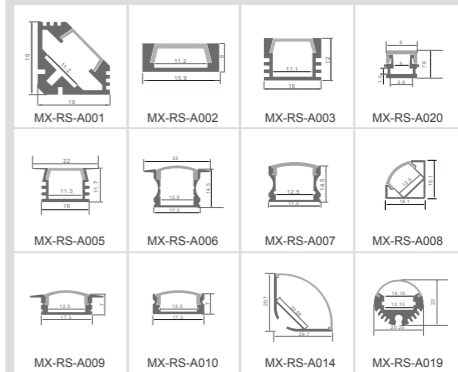
LED Type:	SMD2216
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	86~95Lm/w
Lumen Output/meter/ft:	516~570Lm/m (157~174Lm/ft)
Energy Grade:	F



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	168LEDs/m
Size of Section:	17.86mm(0.7")
LEDs of Section	3 LEDs

### Recommended Profiles



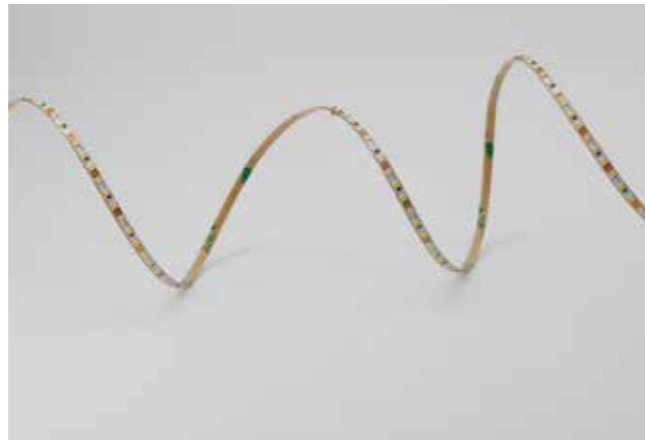
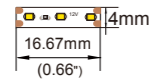
### Waterproof Rate



# ULTRA-NARROW SERIES

## ● 2216SMD/180LED/12V 4MM

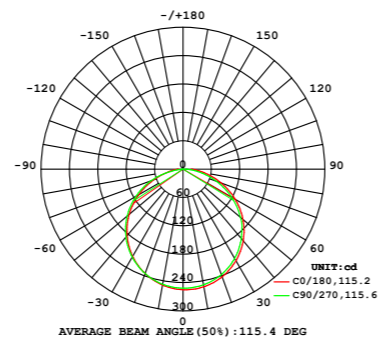
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF222W180A90-D027A1A04103N	180	12V	6	2700K	90	516	157	86	IP20	4mm	5m
MF228W120A90-D030A1A04103N	180	12V	6	3000K	90	540	165	90	IP20	4mm	5m
MF228W120A90-D040A1A04103N	180	12V	6	4000K	90	570	174	95	IP20	4mm	5m
MF228W120A90-D050A1A04103N	180	12V	6	5000K	90	570	174	95	IP20	4mm	5m
MF228W120A90-D065A1A04103N	180	12V	6	6500K	90	570	174	95	IP20	4mm	5m

### Optical parameters

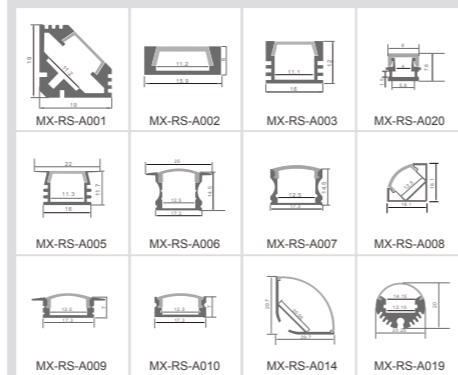
LED Type:	SMD2216
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	86~95Lm/w
Lumen Output/meter/ft:	516~570Lm/m (157~174Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	180LEDs/m
Size of Section:	16.67mm(0.66")
LEDs of Section	3 LEDs

### Recommended Profiles



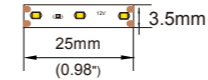
### Waterproof Rate



# ULTRA-NARROW SERIES

## ● 2835SMD/120LED/12V 3.5MM

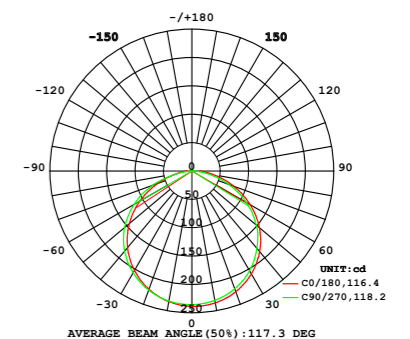
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF228W120A90-D027A1A04103N	120	12V	6	2700K	90	516	157	86	IP20	3.5mm	5m
MF228W120A90-D030A1A04103N	120	12V	6	3000K	90	540	165	90	IP20	3.5mm	5m
MF228W120A90-D040A1A04103N	120	12V	6	4000K	90	570	174	95	IP20	3.5mm	5m
MF228W120A90-D050A1A04103N	120	12V	6	5000K	90	570	174	95	IP20	3.5mm	5m
MF228W120A90-D065A1A04103N	120	12V	6	6500K	90	570	174	95	IP20	3.5mm	5m

### Optical parameters

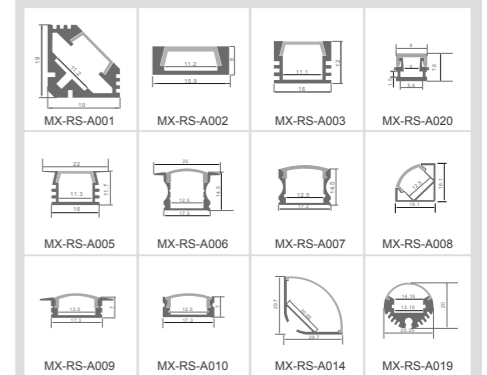
LED Type:	SMD2835
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	86~95Lm/w
Lumen Output/meter/ft:	516~570Lm/m (157~174Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.5A/m (0.16A/ft)
Input Voltage:	DC12V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	25mm(0.98")
LEDs of Section	3 LEDs

### Recommended Profiles



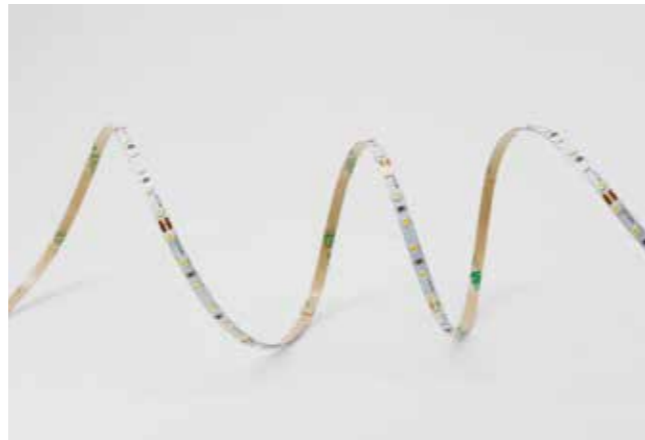
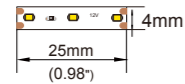
### Waterproof Rate



# ULTRA-NARROW SERIES

## ● 2216SMD/120LED 4MM

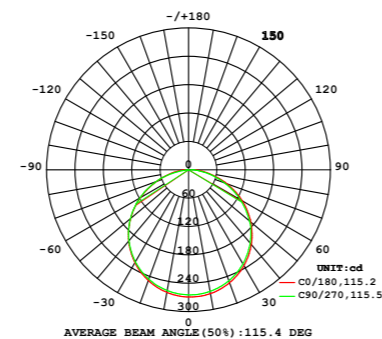
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF322W120A90-D027A1A04106N	120	24V	6	2700K	90	516	157	86	IP20	4mm	5m
MF322W120A90-D030A1A04106N	120	24V	6	3000K	90	540	165	90	IP20	4mm	5m
MF322W120A90-D040A1A04106N	120	24V	6	4000K	90	570	174	95	IP20	4mm	5m
MF322W120A90-D050A1A04106N	120	24V	6	5000K	90	570	174	95	IP20	4mm	5m
MF322W120A90-D065A1A04106N	120	24V	6	6500K	90	570	174	95	IP20	4mm	5m

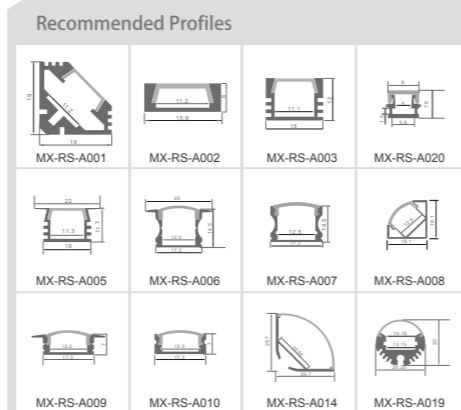
### Optical parameters

LED Type:	SMD2216
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	86~95Lm/w
Lumen Output/meter/ft:	516~570Lm/m (157~174Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.25A/m (0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	25mm(0.98")
LEDs of Section	3 LEDs



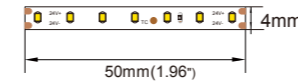
### Waterproof Rate



# ULTRA-NARROW SERIES

## ● 2216SMD/140LED 4MM

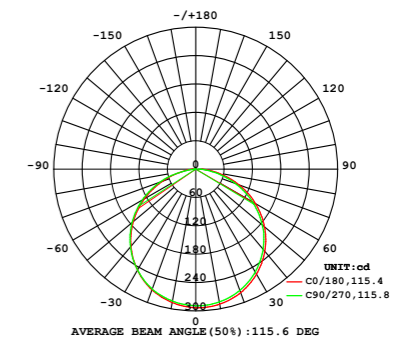
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF322W140A90-D027A1A04107N	140	24V	6	2700K	90	594	181	99	IP20	4mm	5m
MF322W140A90-D030A1A04107N	140	24V	6	3000K	90	630	192	105	IP20	4mm	5m
MF322W140A90-D040A1A04107N	140	24V	6	4000K	90	660	201	110	IP20	4mm	5m
MF322W140A90-D050A1A04107N	140	24V	6	5000K	90	660	201	110	IP20	4mm	5m
MF322W140A90-D065A1A04107N	140	24V	6	6500K	90	660	201	110	IP20	4mm	5m

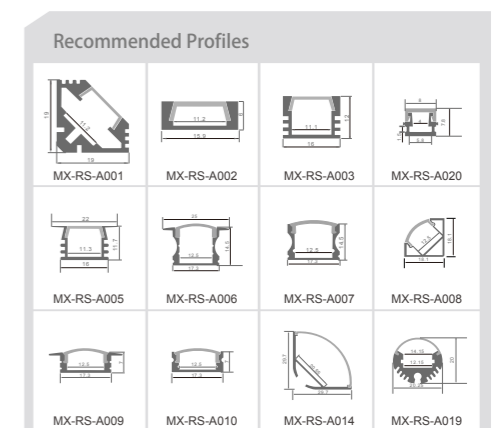
### Optical parameters

LED Type:	SMD2216
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	99~110Lm/w
Lumen Output/meter/ft:	594~660Lm/m (181~201Lm/ft)
Energy Grade:	<b>E</b>



### Electric parameters

Input Current/m:	0.25A/m (0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.96")
LEDs of Section	7 LEDs



### Waterproof Rate

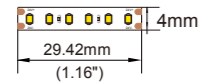




# ULTRA-NARROW SERIES

## ● 2216SMD/204LED 4MM

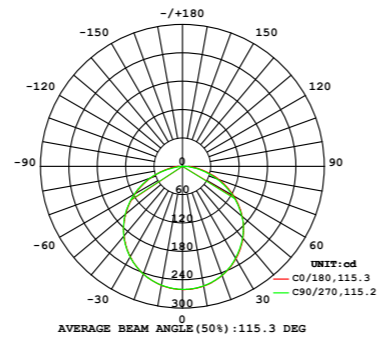
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF322W204A90-D027A1A04106N	204	24V	6	2700K	90	540	165	90	IP20	4mm	5m
MF322W204A90-D030A1A04106N	204	24V	6	3000K	90	570	174	95	IP20	4mm	5m
MF322W204A90-D040A1A04106N	204	24V	6	4000K	90	600	183	100	IP20	4mm	5m
MF322W204A90-D050A1A04106N	204	24V	6	5000K	90	600	183	100	IP20	4mm	5m
MF322W204A90-D065A1A04106N	204	24V	6	6500K	90	600	183	100	IP20	4mm	5m

### Optical parameters

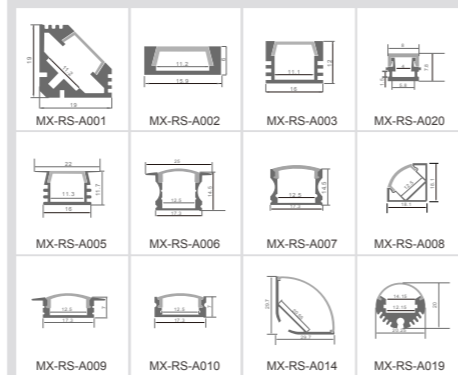
LED Type:	SMD2216
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter/ft:	540~600Lm/m (165~183Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.25A/m (0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	204LEDs/m
Size of Section:	29.42mm(1.16")
LEDs of Section	6 LEDs

### Recommended Profiles



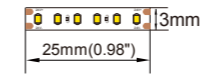
### Waterproof Rate



# ULTRA-NARROW SERIES

## ● 2216SMD/240LED 3MM

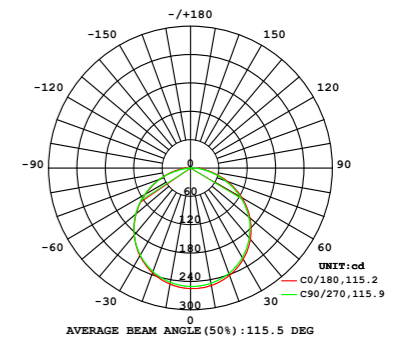
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF322W240A90-D027A1A03106N	240	24V	6	2700K	90	516	157	86	IP20	3mm	5m
MF322W240A90-D030A1A03106N	240	24V	6	3000K	90	540	165	90	IP20	3mm	5m
MF322W240A90-D040A1A03106N	240	24V	6	4000K	90	570	174	95	IP20	3mm	5m
MF322W240A90-D050A1A03106N	240	24V	6	5000K	90	570	174	95	IP20	3mm	5m
MF322W240A90-D065A1A03106N	240	24V	6	6500K	90	570	174	95	IP20	3mm	5m

### Optical parameters

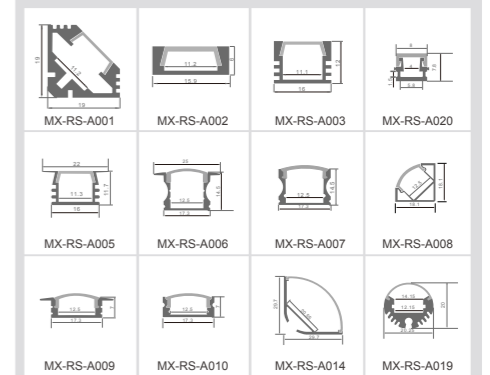
LED Type:	SMD2216
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	86~95Lm/w
Lumen Output/meter/ft:	516~570Lm/m (157~174Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

Input Current/m:	0.25A/m (0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m
Size of Section:	25mm(0.98")
LEDs of Section	6 LEDs

### Recommended Profiles



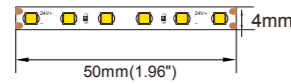
### Waterproof Rate



# ULTRA-NARROW SERIES

## ● 2835SMD/120LED 4MM

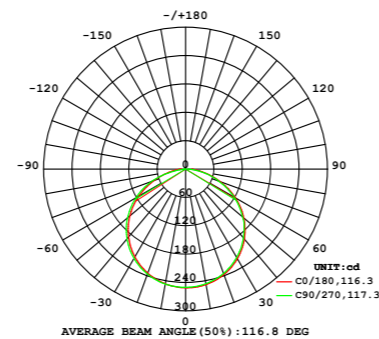
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF328W120A90-D027A1A04106N	120	24V	6	2700K	90	540	165	90	IP20	4mm	5m
MF328W120A90-D030A1A04106N	120	24V	6	3000K	90	570	174	95	IP20	4mm	5m
MF328W120A90-D040A1A04106N	120	24V	6	4000K	90	600	183	100	IP20	4mm	5m
MF328W120A90-D050A1A04106N	120	24V	6	5000K	90	600	183	100	IP20	4mm	5m
MF328W120A90-D065A1A04106N	120	24V	6	6500K	90	600	183	100	IP20	4mm	5m

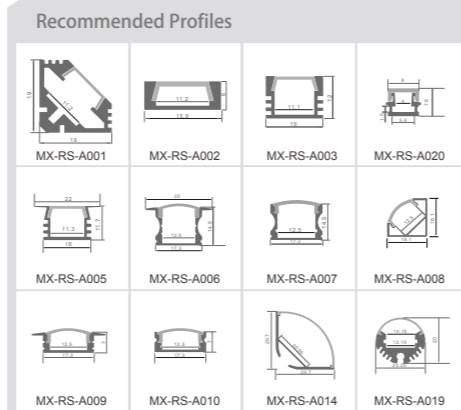
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter/ft:	540~600Lm/m (165~183Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameters

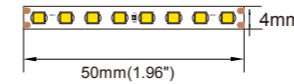
Input Current/m:	0.25A/m (0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.96")
LEDs of Section	6 LEDs



# ULTRA-NARROW SERIES

## ● 2835SMD/160LED 4MM

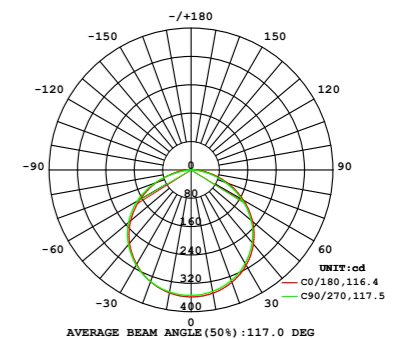
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width	Max length
MF328W160A90-D027A1A04108N	160	24V	6	2700K	90	702	214	117	IP20	4mm	5m
MF328W160A90-D030A1A04108N	160	24V	6	3000K	90	744	227	124	IP20	4mm	5m
MF328W160A90-D040A1A04108N	160	24V	6	4000K	90	780	238	130	IP20	4mm	5m
MF328W160A90-D050A1A04108N	160	24V	6	5000K	90	780	238	130	IP20	4mm	5m
MF328W160A90-D065A1A04108N	160	24V	6	6500K	90	780	238	130	IP20	4mm	5m

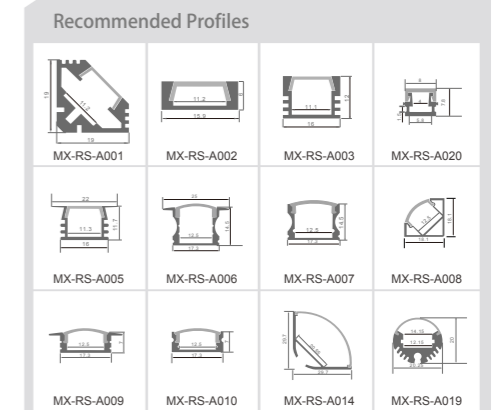
### Optical parameters

LED Type:	SMD2835
Color Rendering Index:	Ra90
CCT Range:	2700K/3000K/4000K/5000K/6500K
Irritation Angle:	120°
Light Efficiency:	117~130Lm/w
Lumen Output/meter/ft:	702~780Lm/m (214~238Lm/ft)
Energy Grade:	<b>E</b>



### Electric parameters

Input Current/m:	0.25A/m (0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m (1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	160LEDs/m
Size of Section:	50mm(1.96")
LEDs of Section	8 LEDs







## DYNAMIC & PIXEL FLEX

Dynamic pixel is a combination of LED technology and RGB color mixing technology lighting products, because of its colorful, dynamic visual effects and is widely used in a variety of decoration and lighting occasions. Whether it is a holiday celebration, a commercial display or a home decoration, the colorful lights can add atmosphere and attract people's attention.



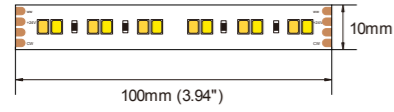


# DYNAMIC & PIXEL FLEX

# CCT TUNABLE

## ● 2835WW+W/120LEDs

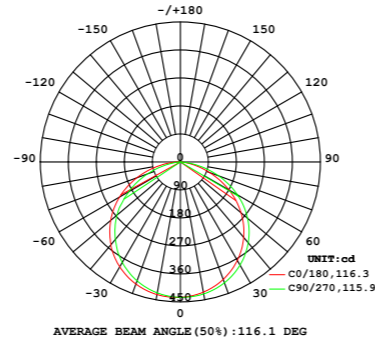
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328U120A90-D801J1A10112N	60	24V	7.2	2700K	90	648	197	90	IP20	10mm
	120	24V	14.4(Max)	4000K	90	1,368	417	95	IP20	10mm
	60	24V	7.2	6500K	90	720	220	100	IP20	10mm

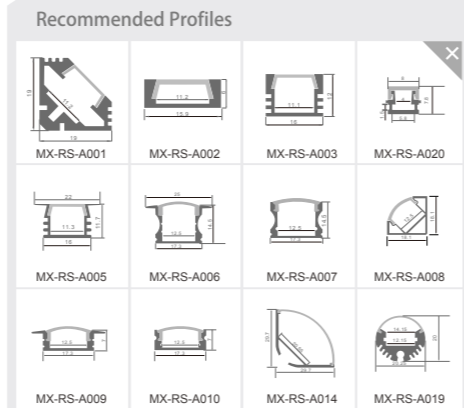
### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	90
CCT Range:	2700K~6500K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter:	648~1368Lm/m (197~417Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameter

Input Current/m:	0.6A/m (0.18A/ft)
Input Voltage:	DC24V
Power/M:	14.4W/m (4.39W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	12 LEDs



### Waterproof Rate

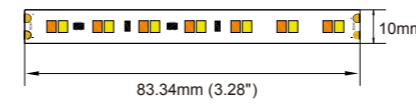


# DYNAMIC & PIXEL FLEX

# CCT TUNABLE

## ● 2835WW+W/168LEDs

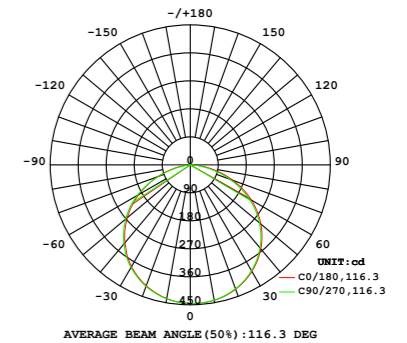
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328U168A90-D8011A10114N	84	24V	8.4	2700K	90	840	256	100	IP20	10mm
	168	24V	16.8(Max)	4000K	90	1,764	537	105	IP20	10mm
	84	24V	8.4	6000K	90	924	281	110	IP20	10mm

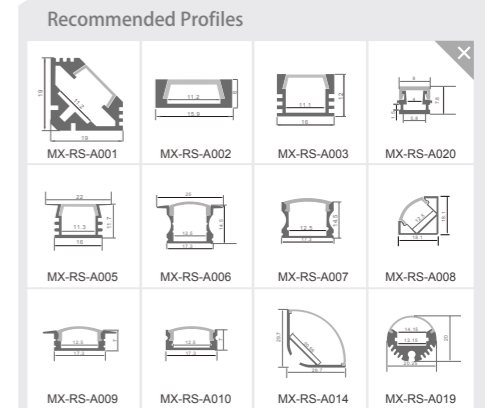
### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	100~110Lm/w
Lumen Output/meter:	840~1764Lm/m (256~537Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameter

Input Current/m:	0.7A/m (0.2A/ft)
Input Voltage:	DC24V
Power/M:	16.8W/m (5.1W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	168LEDs/m
Size of Section:	83.34mm(3.28")
LEDs of Section	14 LEDs



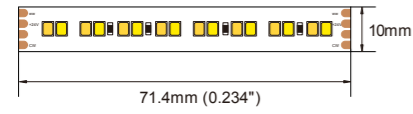
### Waterproof Rate



DYNAMIC & PIXEL FLEX

● 2835WW+W/224LED

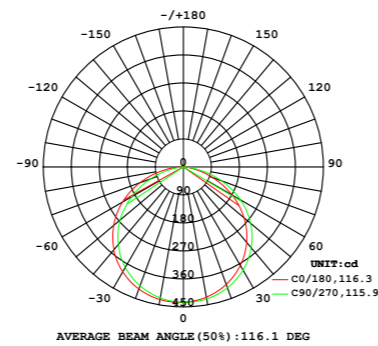
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328U224A90-D80111C10107N	112	24V	9.6	2700K	>90	952	290	99	IP20	10mm
	224	24V	19.2(Max)	4000K	>90	1,990	607	104	IP20	10mm
	112	24V	9.6	6500K	>90	1,087	331	113	IP20	10mm

Optical parameter

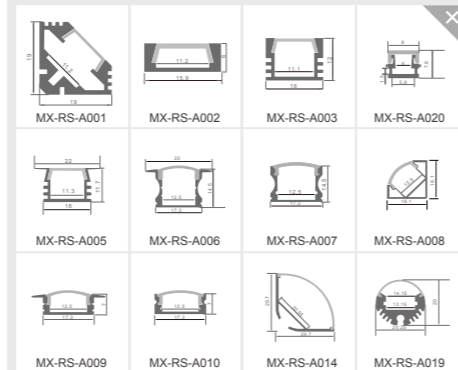
LED Type:	SMD2835
Color Rendering Index:	90
CCT Range:	2700K~6500K
Irritation Angle:	120°
Light Efficiency:	99~113Lm/w
Lumen Output/meter:	952~1990Lm/m (290~607Lm/ft)
Energy Grade:	F



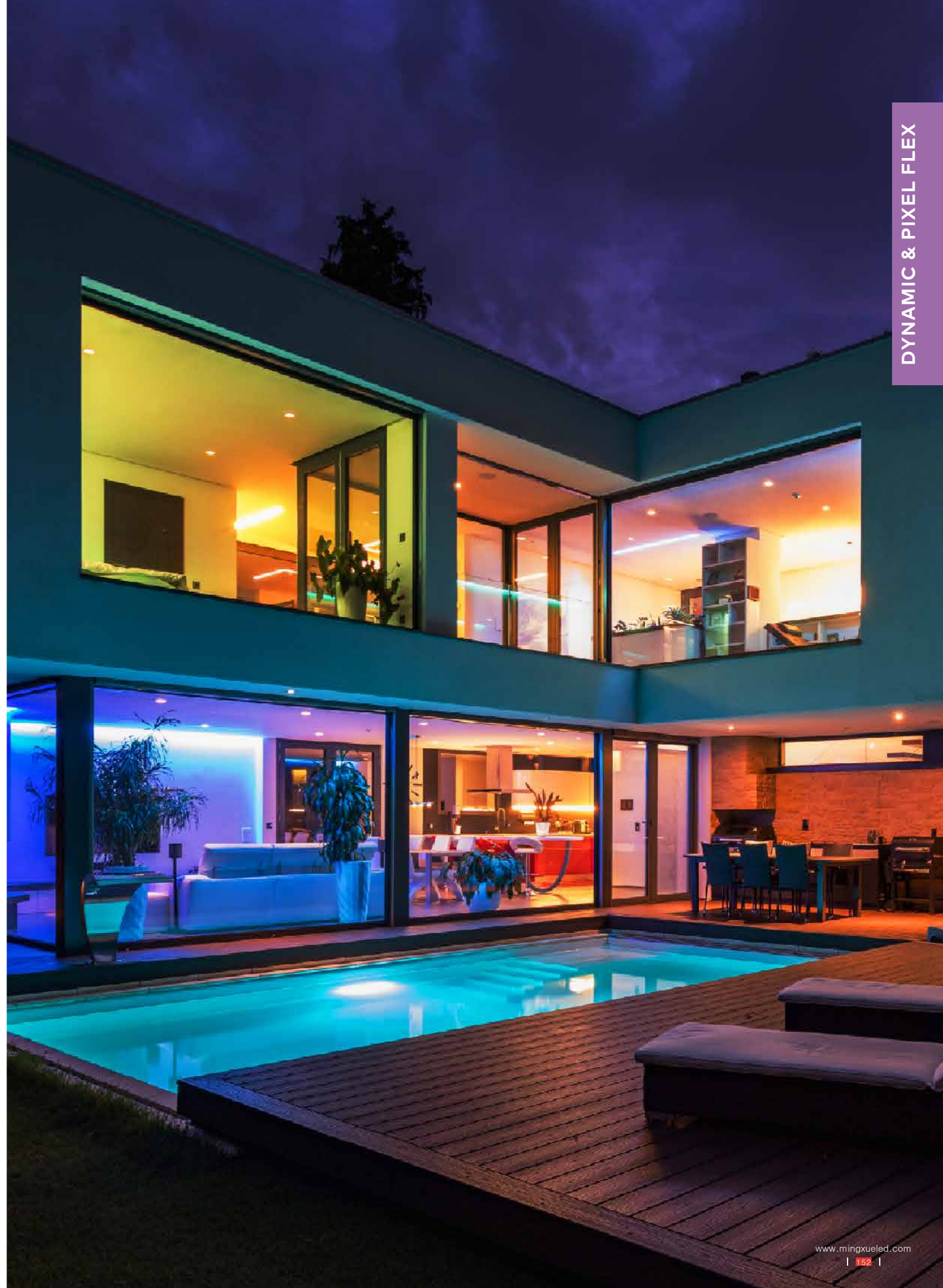
Electric parameter

Input Current/m:	0.8A/m (0.24A/ft)
Input Voltage:	DC24V
Power/M:	19.2W/m (5.85W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	224LEDs/m
Size of Section:	71.4mm(0.234")
LEDs of Section	14 LEDs

Recommended Profiles



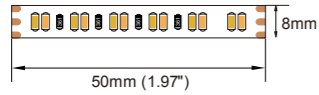
Waterproof Rate





● 3014WW+W/240LEDs

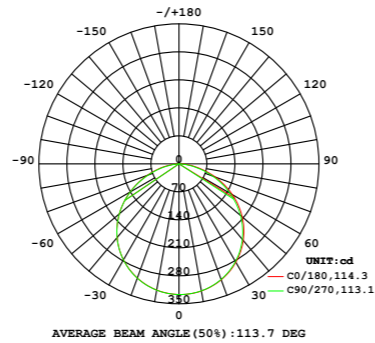
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF331U240A90-D80111A08112N	120	24V	5	2700K	90	460	140	92	IP20	8mm
	240	24V	10(Max)	4000K	90	960	293	96	IP20	8mm
	120	24V	5	6000K	90	500	152	100	IP20	8mm

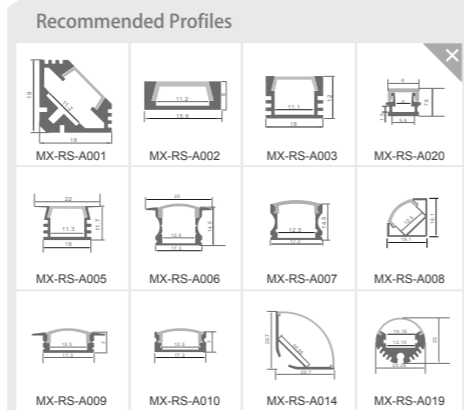
Optical parameter

LED Type:	SMD3014
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	92~100Lm/w
Lumen Output/meter:	460~960Lm/m (140~293Lm/ft)
Energy Grade:	<b>F</b>



Electric parameter

Input Current/m:	0.42A/m (0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m (3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	12 LEDs

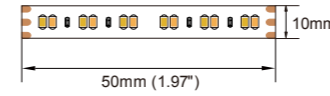


Waterproof Rate



● 2219WW+W/240LEDs

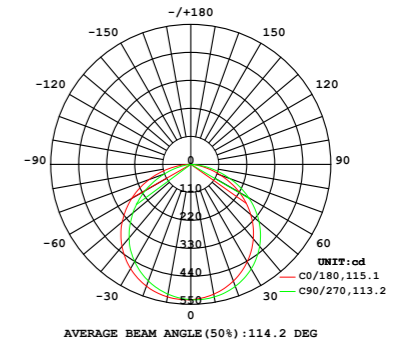
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF322U240A90-D80111A10112N	120	24V	9.6	2700K	90	768	234	80	IP20	10mm
	240	24V	19.2(Max)	4000K	90	1,632	497	85	IP20	10mm
	120	24V	9.6	6500K	90	816	249	85	IP20	10mm

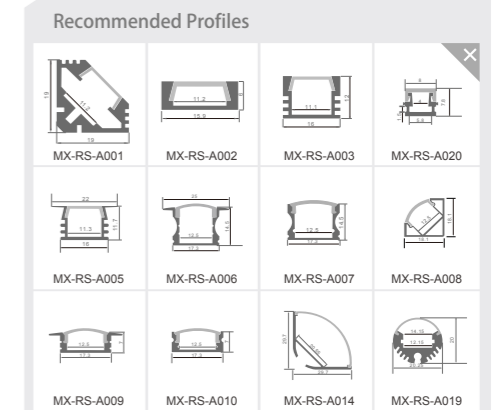
Optical parameter

LED Type:	SMD2219
Color Rendering Index:	90
CCT Range:	2700K~6500K
Irritation Angle:	120°
Light Efficiency:	80~85Lm/w
Lumen Output/meter:	768~1632Lm/m (234~497Lm/ft)
Energy Grade:	<b>G</b>



Electric parameter

Input Current/m:	0.8A/m (0.24A/ft)
Input Voltage:	DC24V
Power/M:	19.2(max)W/m (5.9W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	12 LEDs



Waterproof Rate



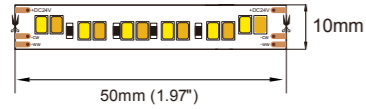


# DYNAMIC & PIXEL FLEX

# CCT TUNABLE

## 2835WW+W/240LEDs

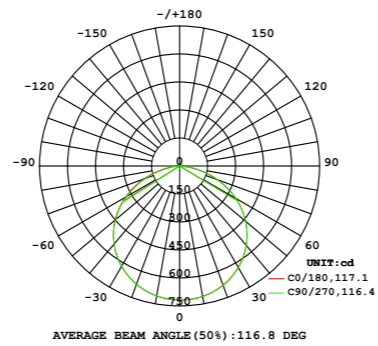
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328U240A90-D80111A10112N	120	24V	12	2700K	90	1,080	329	90	IP20	10mm
	240	24V	24(Max)	4000K	90	2,280	695	95	IP20	10mm
	120	24V	12	6000K	90	1,200	366	100	IP20	10mm

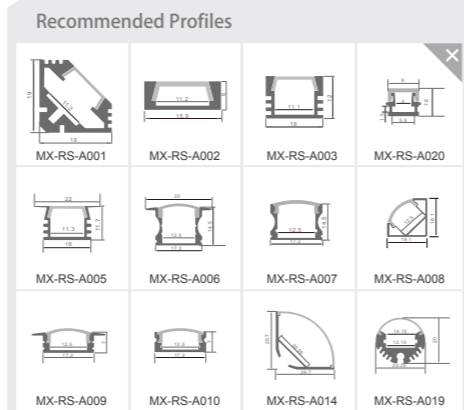
### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter:	1080~2280Lm/m (329~695Lm/ft)
Energy Grade:	F



### Electric parameter

Input Current/m:	1(max)A/m (0.3A/ft)
Input Voltage:	DC24V
Power/M:	24(max)W/m (7.3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	12 LEDs

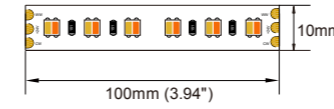


# DYNAMIC & PIXEL FLEX

# CCT TUNABLE

## 3527WW+W/120LEDs

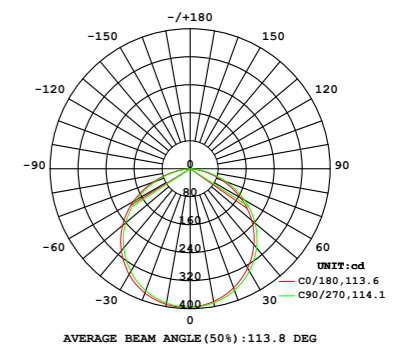
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF327U120A90-D80111A10112N	60	24V	7.2	2700K	90	580	153	81	IP20	10mm
	120	24V	14.4(Max)	4000K	90	1,200	329	83	IP20	10mm
	60	24V	7.2	6000K	90	630	164	88	IP20	10mm

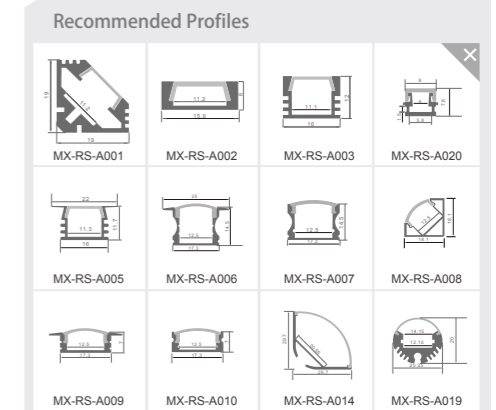
### Optical parameter

LED Type:	SMD3527
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	88Lm/w Max
Lumen Output/meter:	580~1200Lm/m (153~329Lm/ft)
Energy Grade:	G



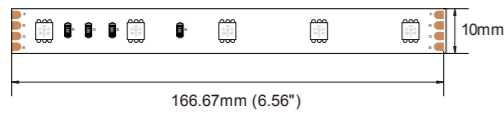
### Electric parameter

Input Current/m:	0.6(max)CA/m (0.18A/ft)
Input Voltage:	DC24V
Power/M:	14.4(max)W/m (5.9W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	12 LEDs



5050RGB/30LEDs

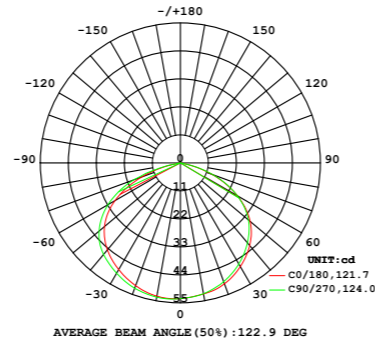
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350A030A00-D000J1A10106N	30	24V	2.4	Red(620-630nm)	N/A	60	18	25	IP20	10mm
	30	24V	2.4	Green(515-525nm)	N/A	166	51	69	IP20	10mm
	30	24V	2.4	Blue(460-470nm)	N/A	42	13	18	IP20	10mm
	30	24V	7.2	RGB	N/A	268	84	37	IP20	10mm

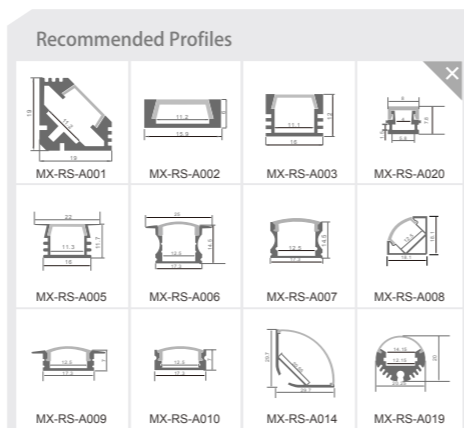
Optical parameter

LED Type:	SMD5050
Color Rendering Index:	N/A
CCT Range:	RGB
Irritation Angle:	120°
Light Efficiency:	25~69Lm/w
Lumen Output/meter:	42~268Lm/m (13~84Lm/ft)
Energy Grade:	N/A



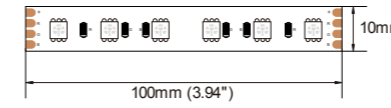
Electric parameter

Input Current/m:	0.3(max)A/m (0.09A/ft)
Input Voltage:	DC24V
Power/M:	7.2(max)W/m (5.9W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	30LEDs/m
Size of Section:	166.67mm(6.56")
LEDs of Section	5 LEDs



5050RGB/60LEDs

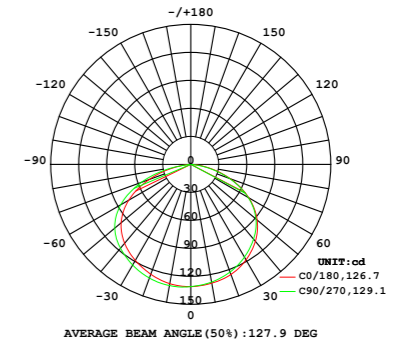
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350A060A00-D000J1A10106N	60	24V	4.8	Red(620-630nm)	N/A	120	37	33	IP20	10mm
	60	24V	4.8	Green(515-525nm)	N/A	360	110	75	IP20	10mm
	60	24V	4.8	Blue(460-470nm)	N/A	101	31	21	IP20	10mm
	60	24V	14.4	RGB	N/A	586	177	41	IP20	10mm

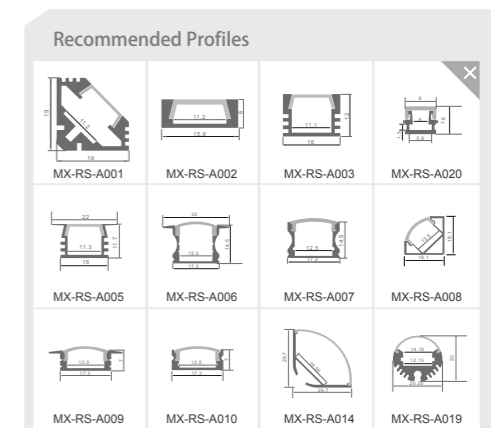
Optical parameter

LED Type:	SMD5050
Color Rendering Index:	N/A
CCT Range:	RGB
Irritation Angle:	120°
Light Efficiency:	33~75Lm/w
Lumen Output/meter:	101~586Lm/m (31~177Lm/ft)
Energy Grade:	N/A



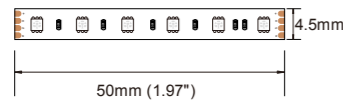
Electric parameter

Input Current/m:	0.6(Max)CA/m (0.18A/ft)
Input Voltage:	DC24V
Power/M:	14.4(max)W/m (4.39W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	6 LEDs



● 2835RGB/120LED 4.5MM

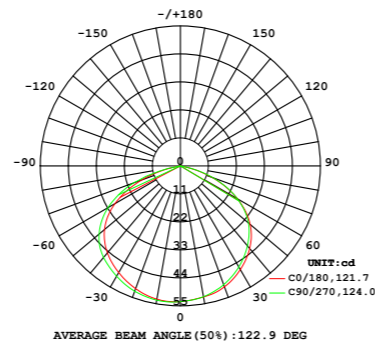
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF328A120A00-D000T1A00	120	24V	3.2	Red(620-630nm)	N/A	80	24	25	IP20	4.5mm
	120	24V	3.2	Green(515-525nm)	N/A	249	76	78	IP20	4.5mm
	120	24V	3.2	Blue(460-470nm)	N/A	42	13	13	IP20	4.5mm
	120	24V	9.6	RGB	N/A	358	109	112	IP20	4.5mm

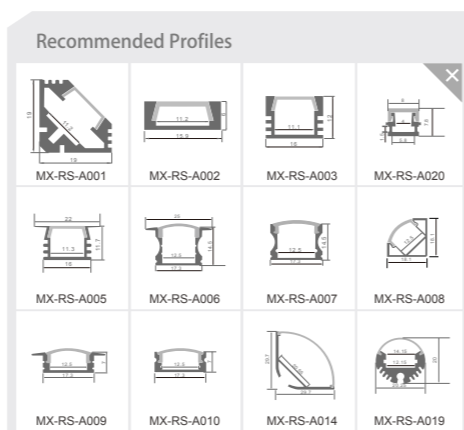
Optical parameter

LED Type:	SMD2835
Color Rendering Index:	N/A
CCT Range:	RGB
Irritation Angle:	120°
Light Efficiency:	13~112Lm/w
Lumen Output/meter:	42~358Lm/m (13~109Lm/ft)
Energy Grade:	N/A



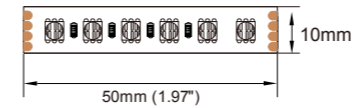
Electric parameter

Input Current/m:	0.4(max)A/m (0.12A/ft)
Input Voltage:	DC24V
Power/M:	9.6(max)W/m (2.93W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	6 LEDs



● 4040RGB/120LEDs

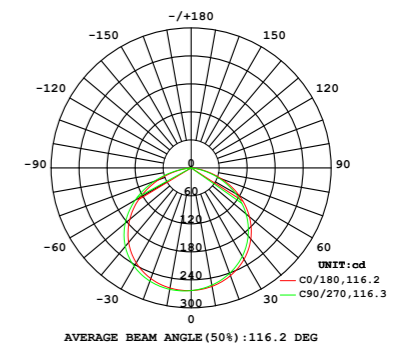
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF344A120A00-D001A10106N	120	24V	6.4	Red(620-625nm)	N/A	211	64	33	IP20	10mm
	120	24V	6.4	Green(515-525nm)	N/A	480	146	75	IP20	10mm
	120	24V	6.4	Blue(460-470nm)	N/A	134	41	21	IP20	10mm
	120	24V	19.2	10000K	>80	787	240	41	IP20	10mm

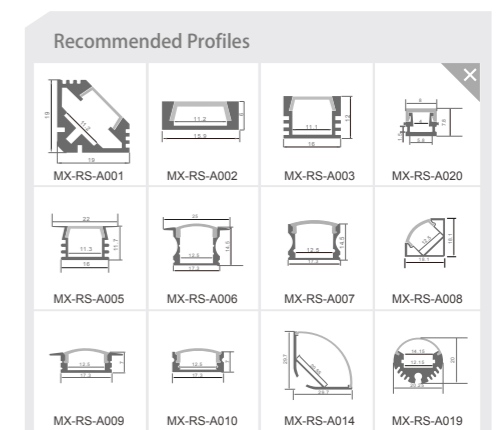
Optical parameter

LED Type:	SMD4040
Color Rendering Index:	N/A
CCT Range:	RGB
Irritation Angle:	120°
Light Efficiency:	21~75Lm/w
Lumen Output/meter:	134~787Lm/m (41~240Lm/ft)
Energy Grade:	N/A



Electric parameter

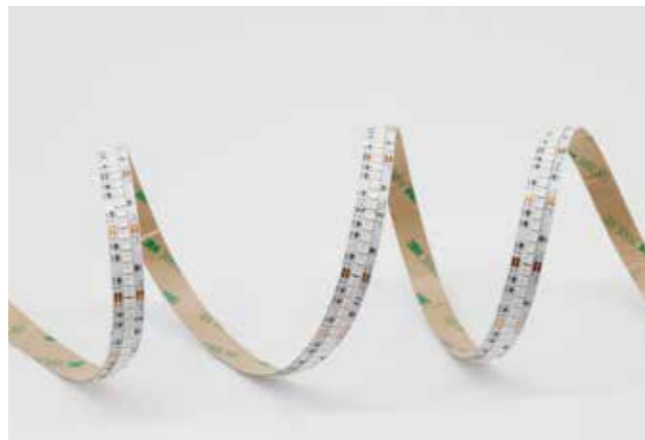
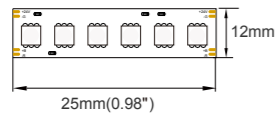
Input Current/m:	0.8(max)A/m (0.24A/ft)
Input Voltage:	DC24V
Power/M:	19.2(max)W/m (5.86W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	6 LEDs





● 3535RGB/240LED/12MM

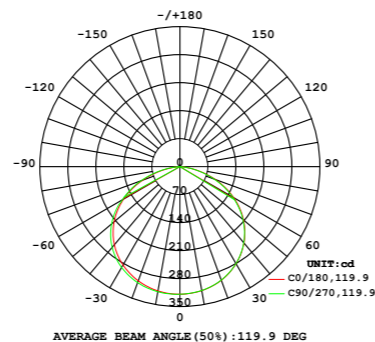
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF3535A240A00-D000T1A12	240	24V	6.4	Red(620-625nm)	N/A	110	34	23	IP20	12mm
	240	24V	6.4	Green(515-525nm)	N/A	480	146	75	IP20	12mm
	240	24V	6.4	Blue(460-470nm)	N/A	100	30	21	IP20	12mm
	240	24V	19.2	RGB	N/A	1110	338	58	IP20	12mm

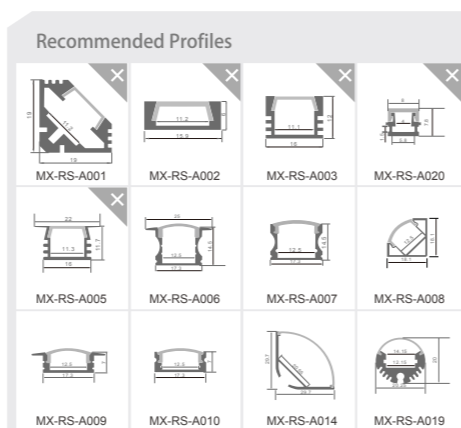
Optical parameter

LED Type:	SMD3535
Color Rendering Index:	N/A
CCT Range:	RGB
Irritation Angle:	120°
Light Efficiency:	23~75Lm/w
Lumen Output/meter:	110~1110Lm/m (34~338Lm/ft)
Energy Grade:	N/A



Electric parameter

Input Current/m:	0.8(max)A/m (0.24A/ft)
Input Voltage:	DC24V
Power/M:	19.2(max)W/m (5.9W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m
Size of Section:	25mm(0.98")
LEDs of Section	6 LEDs

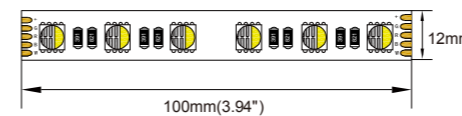


Waterproof Rate



● 5050RGBW/60LEDs

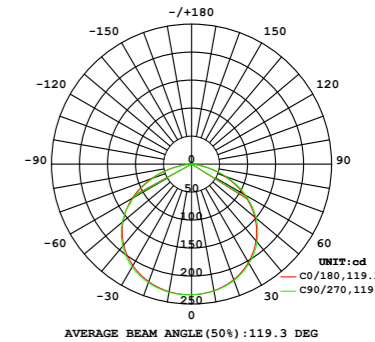
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350Z060A80-D040K1A12106N	60	24V	3.6	Red(620-625nm)	N/A	100	30	28	IP20	12mm
	60	24V	3.6	Green(515-525nm)	N/A	240	73	67	IP20	12mm
	60	24V	3.6	Blue(460-470nm)	N/A	65	20	18	IP20	12mm
	60	24V	3.6	3000K/4000K/6000K	>80	370	113	103	IP20	12mm
	60	24V	14.4	RGBW	N/A	775	236	54	IP20	12mm

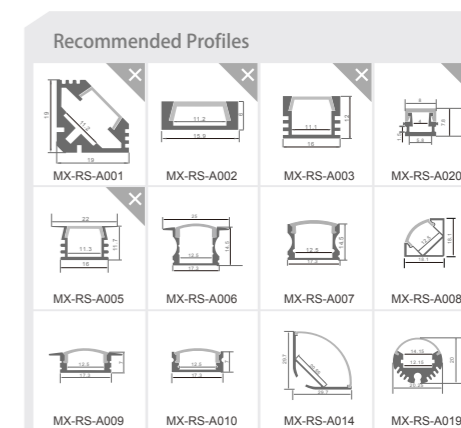
Optical parameter

LED Type:	SMD5050
Color Rendering Index:	80
CCT Range:	RGBW
Irritation Angle:	120°
Light Efficiency:	28~103Lm/w
Lumen Output/meter:	65~775Lm/m (20~236Lm/ft)
Energy Grade:	N/A



Electric parameter

Input Current/m:	0.6(max)CA/m (0.18A/ft)
Input Voltage:	DC24V
Power/M:	14.4(max)W/m (5.9W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	6 LEDs

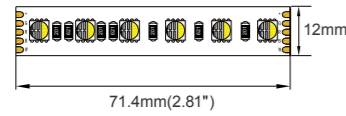


Waterproof Rate



● 5050RGBW/84LEDs

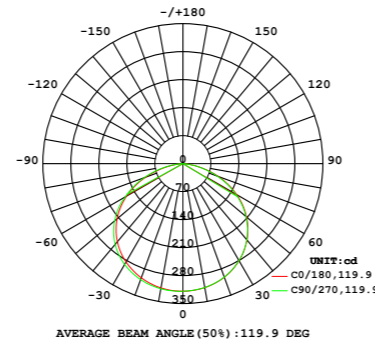
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350Z084A80-D040K1A12106N	84	24V	4.8	Red(620-625nm)	N/A	110	34	23	IP20	12mm
	84	24V	4.8	Green(515-525nm)	N/A	480	146	100	IP20	12mm
	84	24V	4.8	Blue(460-470nm)	N/A	100	30	21	IP20	12mm
	84	24V	4.8	3000K/4000K/6000K	>80	420	128	88	IP20	12mm
	84	24V	19.2	RGBW	N/A	1,110	338	58	IP20	12mm

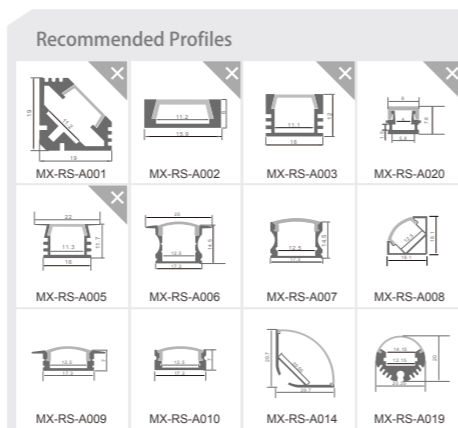
Optical parameter

LED Type:	SMD5050
Color Rendering Index:	>80
CCT Range:	RGBW
Irritation Angle:	120°
Light Efficiency:	23~100Lm/w
Lumen Output/meter:	110~1110Lm/m (34~338Lm/ft)
Energy Grade:	N/A



Electric parameter

Input Current/m:	0.8(max)A/m (0.24A/ft)
Input Voltage:	DC24V
Power/M:	19.2(max)W/m (5.9W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	84LEDs/m
Size of Section:	71.4mm(2.81")
LEDs of Section	6 LEDs

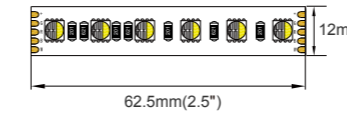


Waterproof Rate



● 5050RGBW/96LEDs

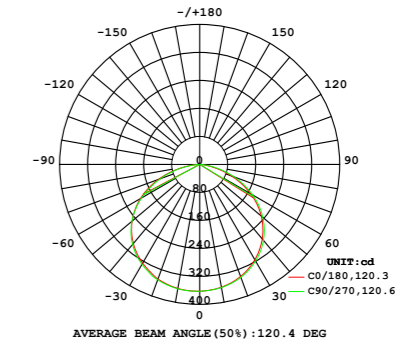
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350Z096A80-D040K1A12106N	96	24V	5	Red(620-625nm)	N/A	155	47	31	IP20	12mm
	96	24V	5	Green(515-525nm)	N/A	440	111	88	IP20	12mm
	96	24V	5	Blue(460-470nm)	N/A	95	29	19	IP20	12mm
	96	24V	5	3000K/4000K/6000K	>80	360	110	72	IP20	12mm
	96	24V	20	RGBW	N/A	1,045	319	52	IP20	12mm

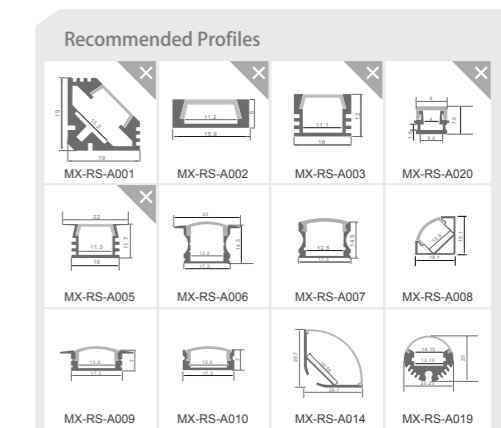
Optical parameter

LED Type:	SMD5050
Color Rendering Index:	>80
CCT Range:	RGBW
Irritation Angle:	120°
Light Efficiency:	31~88Lm/w
Lumen Output/meter:	95~1045Lm/m (29~319Lm/ft)
Energy Grade:	N/A



Electric parameter

Input Current/m:	0.84(max)CA/m (0.26A/ft)
Input Voltage:	DC24V
Power/M:	20(max)W/m (6.1W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	96LEDs/m
Size of Section:	62.5mm(2.5")
LEDs of Section	6 LEDs



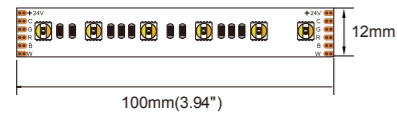
Waterproof Rate





## ● 5050RGBWW/60LEDs

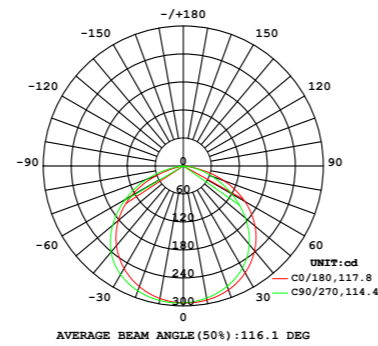
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350X060A80-D801L1A12106N	60	24V	2.8	Red(620-625nm)	N/A	70	21	34	IP20	12mm
	60	24V	2.8	Green(515-525nm)	N/A	252	77	70	IP20	12mm
	60	24V	2.8	Blue(460-470nm)	N/A	40	12	14	IP20	12mm
	60	24V	2.8	2700K	>80	286	>85	100	IP20	12mm
	60	24V	2.8	6000K	>80	290	>88	104	IP20	12mm
	60	24V	14.4	6800K	>80	930	>284	86	IP20	12mm

### Optical parameter

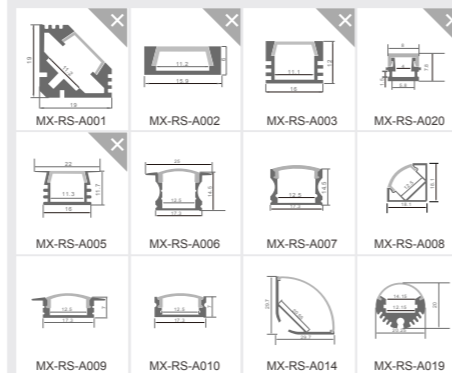
LED Type:	SMD5050
Color Rendering Index:	>80
CCT Range:	RGBWW
Irritation Angle:	120°
Light Efficiency:	14~104Lm/w
Lumen Output/meter:	40~930Lm/m (12~290Lm/ft)
Energy Grade:	N/A



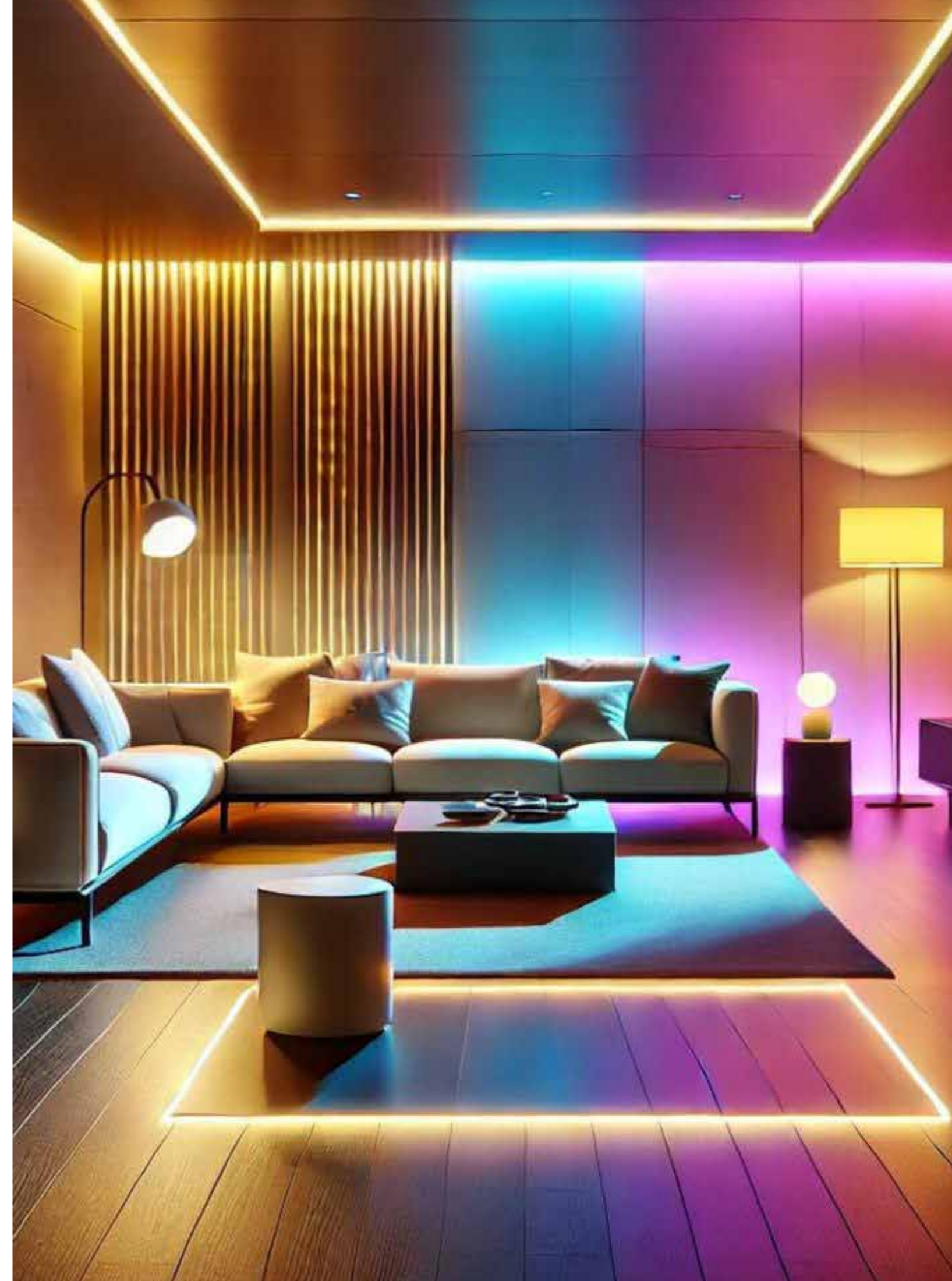
### Electric parameter

Input Current/m:	0.6(max)A/m (0.18A/ft)
Input Voltage:	DC24V
Power/M:	14.4(max)W/m (4.4W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	6 LEDs

### Recommended Profiles



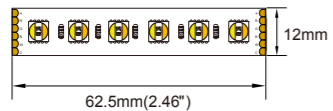
### Waterproof Rate





● 5050RGBWW 96LEDs

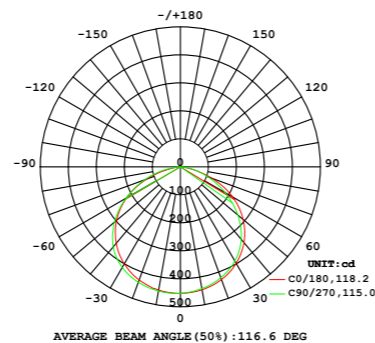
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



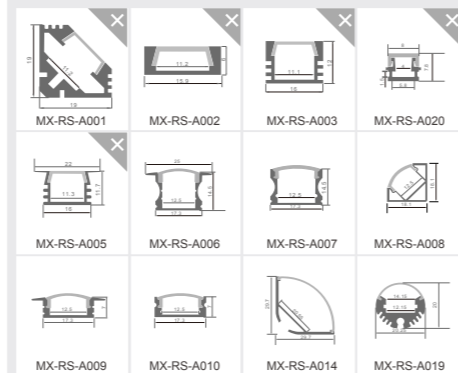
Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350X096A80-D801L1A12106N	96	24V	4.2	Red(620-625nm)	N/A	120	37	29	IP20	12mm
	96	24V	4.2	Green(515-525nm)	N/A	400	122	95	IP20	12mm
	96	24V	4.2	Blue(460-470nm)	N/A	70	21	17	IP20	12mm
	96	24V	4.2	2700K	>80	475	>145	113	IP20	12mm
	96	24V	4.2	6000K	>80	490	>149	117	IP20	12mm
	96	24V	21	6500K	>80	1,555	474	74	IP20	12mm

Optical parameter

LED Type:	SMD5050
Color Rendering Index:	>80
CCT Range:	RGBWW
Irritation Angle:	120°
Light Efficiency:	29~117Lm/w
Lumen Output/meter:	70~1555Lm/m (21~474Lm/ft)
Energy Grade:	N/A



Recommended Profiles

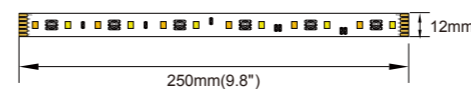


Waterproof Rate



● 5050RGB+2835CCT/ 72LED

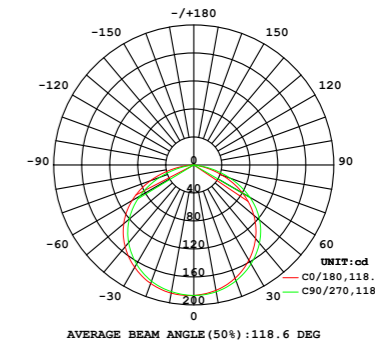
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



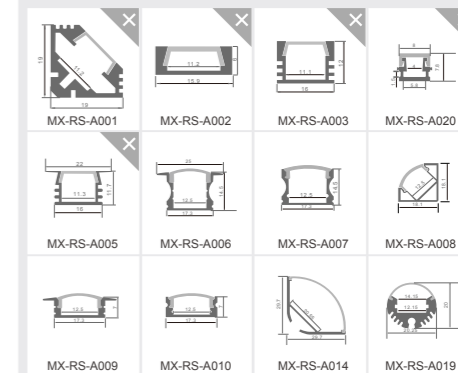
Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350X072A80-D801L1A12118N	72	24V	1.5	Red(620-625nm)	N/A	40	12	27	IP20	12mm
	72	24V	1.5	Green(515-525nm)	N/A	130	40	87	IP20	12mm
	72	24V	1.5	Blue(460-470nm)	N/A	30	9	20	IP20	12mm
	72	24V	3	2700K	>80	330	101	110	IP20	12mm
	72	24V	3	6000K	>80	340	100	113	IP20	12mm
	72	24V	10.5	6500K	>80	870	265	83	IP20	12mm

Optical parameter

LED Type:	SMD5050+2835
Color Rendering Index:	>80
CCT Range:	RGB+CCT
Irritation Angle:	120°
Light Efficiency:	20~113Lm/w
Lumen Output/meter:	40~870Lm/m (12~265Lm/ft)
Energy Grade:	N/A



Recommended Profiles

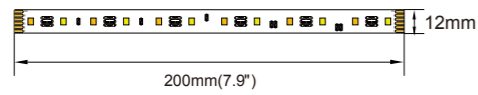


Waterproof Rate



● 5050RGB+2835CCT/  
90LED

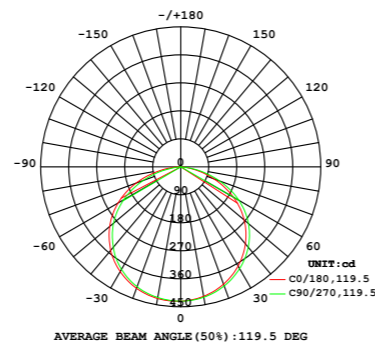
- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,5 years warranty.



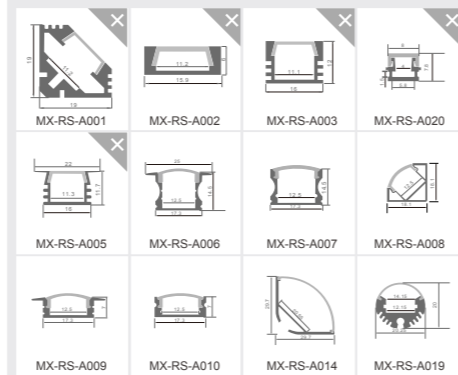
Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB width
MF350X090A80-D801L1A12118N	90	24V	2	Red(620-625nm)	N/A	45	14	23	IP20	12mm
	90	24V	2	Green(515-525nm)	N/A	160	49	69	IP20	12mm
	90	24V	2	Blue(460-470nm)	N/A	35	11	18	IP20	12mm
	90	24V	2	2700K	>80	300	>91	91	IP20	12mm
	90	24V	3	6000K	>80	310	>95	96	IP20	12mm
	90	24V	12	RGBW	>80	815	249	67	IP20	12mm

Optical parameter

LED Type:	SMD5050+SMD2835
Color Rendering Index:	>80
CCT Range:	RGB+CCT
Irritation Angle:	120°
Light Efficiency:	23~96Lm/w
Lumen Output/meter:	35~815Lm/m (11~249Lm/ft)
Energy Grade:	N/A



Recommended Profiles



Electric parameter

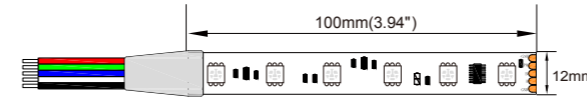
Input Current/m:	0.5(max)A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12(max)W/m (3.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	90LEDs/m
Size of Section:	200mm(7.9")
LEDs of Section	18 LEDs

Waterproof Rate



● 5050RGB/60LED/DMX512

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350A060A00-D000K1A12106X	60	24V	12	RGB	N/A	UCS512C4 18MA	IP20	12mm

Optical parameter

LED Type:	SMD5050
Control protocol:	DMX512
CCT Range:	RGB(UCS512C4 18MA)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

Electric parameter

Input Current/m:	0.5(max)CA/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12W/m (3.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	6 LEDs

Waterproof Rate

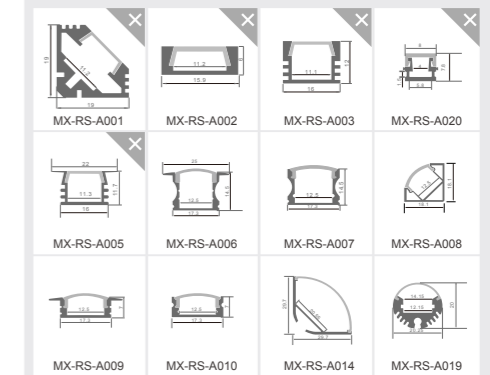


Controller (DMX512)

Part number:	MR-328DW+T13
Input Voltage:	12-24V DC
Protocol :	DMX512
Output Wattage:	12V<240W, 24V<480W
Output signal:	2.4GHz
Dimension:	86*86*36.5(mm)
Weight:	152g
IP Rate:	IP20

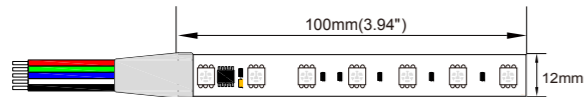


Recommended Profiles



● 5050RGB/70LED/DMX512

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350A070A00-D000K1A12107X	70	24V	12	RGB	N/A	SM18512PS 18MA	IP65	12mm

Optical parameter

LED Type:	SMD5050
Control protocol:	DMX512
CCT Range:	RGB(SM18512PS)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

Controller (DMX512)

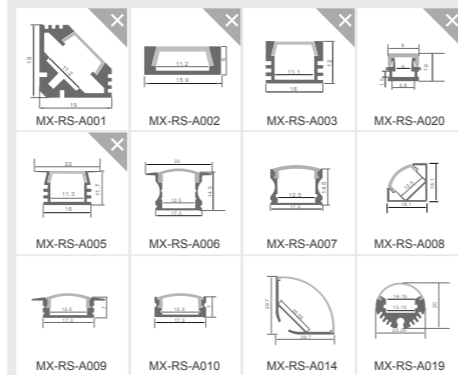
Part number:	MR-328DW+T13
Input Voltage:	12-24V DC
Protocol :	DMX512
Output Wattage:	12V<240W, 24V<480W
Output signal:	2.4GHz
Dimension:	86*86*36.5(mm)
Weight:	152g
IP Rate:	IP20



Electric parameter

Input Current/m:	0.5(max)A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12(max)W/m (3.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	70LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	7 LEDs

Recommended Profiles

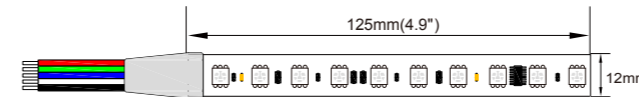


Waterproof Rate



● 5050RGB/80LED/DMX512

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350A080A00-D000K1A12110X	80	24V	10	RGB	N/A	SM18512PS 18MA	IP65	12mm

Optical parameter

LED Type:	SMD5050
Control protocol:	DMX512
CCT Range:	RGB(SM18512PS)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

Controller (DMX512)

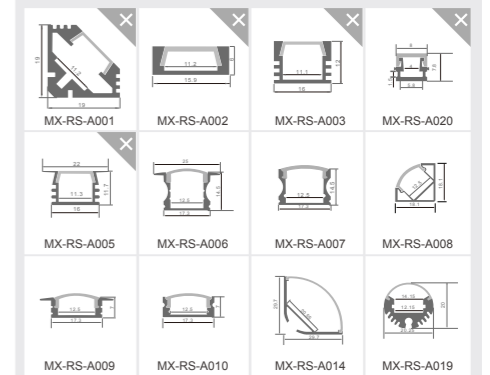
Part number:	MR-328DW+T13
Input Voltage:	12-24V DC
Protocol :	DMX512
Output Wattage:	12V<240W, 24V<480W
Output signal:	2.4GHz
Dimension:	86*86*36.5(mm)
Weight:	152g
IP Rate:	IP20



Electric parameter

Input Current/m:	0.4(max)CA/m (0.12A/ft)
Input Voltage:	DC24V
Power/M:	10(max)W/m (3.1W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	80LEDs/m
Size of Section:	125mm(4.92")
LEDs of Section	10 LEDs

Recommended Profiles



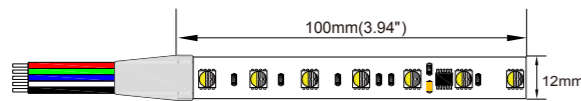
Waterproof Rate





● 5050RGBW/70LED/  
DMX512

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350Z070A80-D040K1A12107X	70	DC24V	17	RGBW	N/A	SM18512PS 18MA	IP65	12mm

Optical parameter

LED Type:	SMD5050
Control protocol:	DMX512
CCT Range:	RGBW(SM18512PS)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	<b>N/A</b>

Electric parameter

Input Current/m:	0.7(max)A/m (0.21A/ft)
Input Voltage:	DC24V
Power/M:	17(max)W/m (5.3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	70LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	7 LEDs

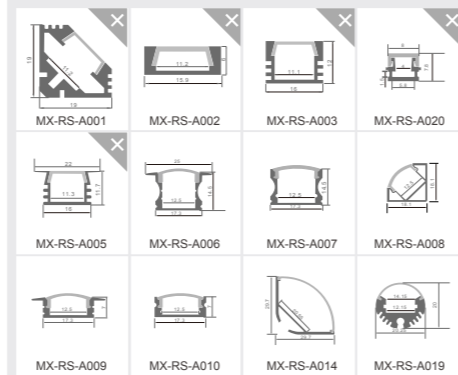
Waterproof Rate



Controller (DMX512)

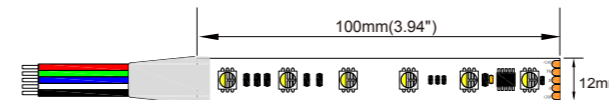
Part number:	MR-328DW+T13	
Input Voltage:	12-24V DC	
Protocol :	DMX512	
Output Wattage:	12V<240W, 24V<480W	
Output signal:	2.4GHz	
Dimension:	86*86*36.5(mm)	
Weight:	152g	
IP Rate:	IP20	

Recommended Profiles



● 5050RGBW/60LED/  
DMX512

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350Z060A80-D040K1A12106X	60	24V	17	RGBW	N/A	TM512AC 18MA	IP20	12mm

Optical parameter

LED Type:	SMD5050
Control protocol:	DMX512
CCT Range:	RGBW(TM512AC)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	<b>N/A</b>

Electric parameter

Input Current/m:	0.7(max)CA/m (0.21A/ft)
Input Voltage:	DC24V
Power/M:	17(max)W/m (5.3W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	6 LEDs

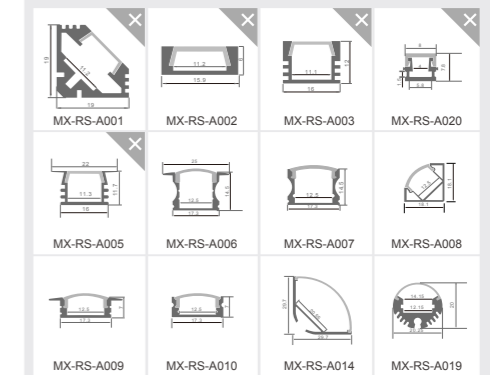
Waterproof Rate



Controller (DMX512)

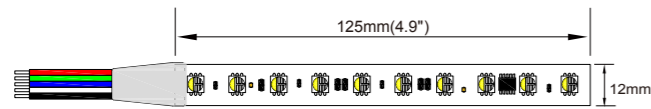
Part number:	MR-328DW+T13	
Input Voltage:	12-24V DC	
Protocol :	DMX512	
Output Wattage:	12V<240W, 24V<480W	
Output signal:	2.4GHz	
Dimension:	86*86*36.5(mm)	
Weight:	152g	
IP Rate:	IP20	

Recommended Profiles



● 5050RGBW/80LED/DMX512

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm,W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350Z080A80-D040K1A12110X	80	DC24V	13	RGBW	N/A	SM18512PS 18MA	IP65	12mm

Optical parameter

LED Type:	SMD5050
Control protocol:	DMX512
CCT Range:	RGBW(SM18512PS)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

Electric parameter

Input Current/m:	0.54(max)A/m (0.16A/ft)
Input Voltage:	DC24V
Power/M:	13(max)W/m (4.06W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	80LEDs/m
Size of Section:	125mm(4.92")
LEDs of Section	10 LEDs

Waterproof Rate

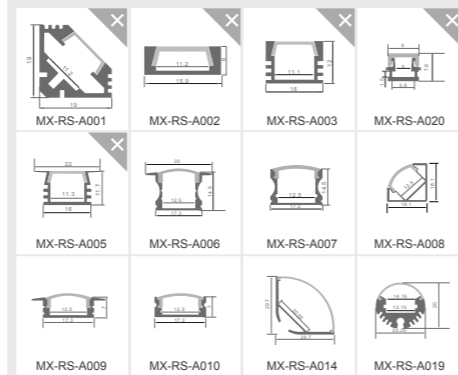


Controller (DMX512)

Part number:	MR-328DW+T13
Input Voltage:	12-24V DC
Protocol :	DMX512
Output Wattage:	12V<240W, 24V<480W
Output signal:	2.4GHz
Dimension:	86*86*36.5(mm)
Weight:	152g
IP Rate:	IP20

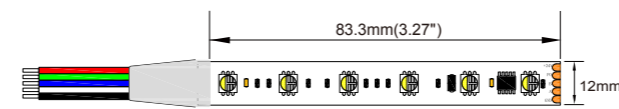


Recommended Profiles



● 5050RGBW/72LED/DMX512

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm,W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350Z072A80-D040K1A12106X	72	24V	20	RGBW	N/A	SM18512PS 18MA	IP68	12mm

Optical parameter

LED Type:	SMD5050
Control protocol:	DMX512
CCT Range:	RGBW(SM18512PS)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

Electric parameter

Input Current/m:	0.83(max)CA/m (0.25A/ft)
Input Voltage:	DC24V
Power/M:	20(max)W/m (6.25W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	72LEDs/m
Size of Section:	83.3mm(3.27")
LEDs of Section	6 LEDs

Waterproof Rate

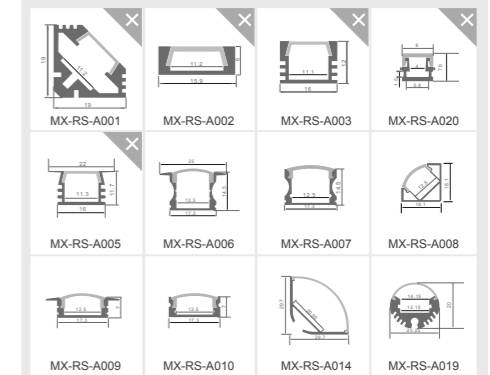


Controller (DMX512)

Part number:	MR-328DW+T13
Input Voltage:	12-24V DC
Protocol :	DMX512
Output Wattage:	12V<240W, 24V<480W
Output signal:	2.4GHz
Dimension:	86*86*36.5(mm)
Weight:	152g
IP Rate:	IP20



Recommended Profiles



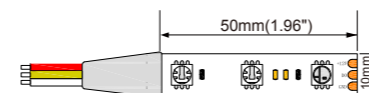


## DYNAMIC & PIXEL FLEX

SPI

### ● 5050RGB/60LED/SPI/ SK6812/12V

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF250A060A00-D000J1A10103S	60	12V	8	RGB	N/A	SK6812 12MA	IP20	10mm

#### Optical parameter

LED Type:	SMD5050
Control protocol:	SPI
CCT Range:	RGB(SK6812)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

#### Electric parameter

Input Current/m:	0.66(max)CA/m (0.2A/ft)
Input Voltage:	DC12V
Power/M:	8(max)W/m (2.5W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	50mm(1.96")
LEDs of Section	3 LEDs

#### Waterproof Rate

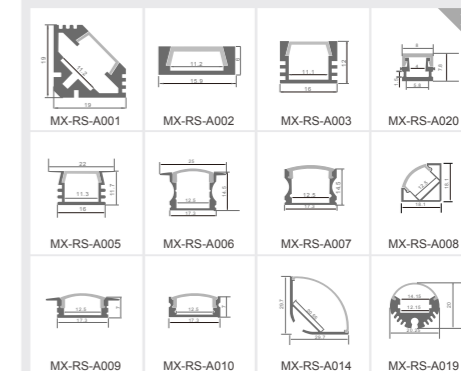


#### Controller

Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



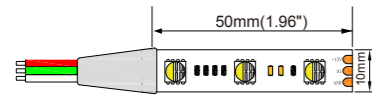
#### Recommended Profiles





● 5050RGBW/60LED/SPI/ SK6812/12V

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF250Z060A80-D040I1A101035	60	12V	11		RGBW	SK6812 12MA	IP20	10mm

Optical parameter

LED Type:	SMD5050
Control protocol:	SPI
CCT Range:	RGBW(SK6812)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	<b>N/A</b>

Controller

Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



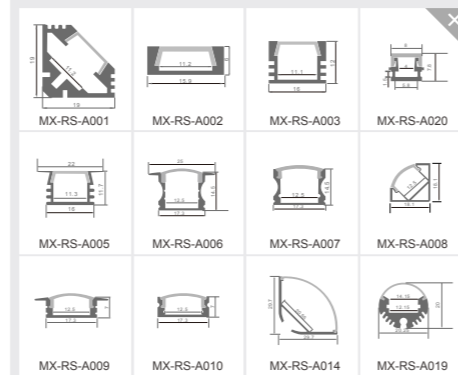
Electric parameter

Input Current/m:	0.9(max)A/m (0.28A/ft)
Input Voltage:	DC12V
Power/M:	11(max)W/m (3.43W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	50mm(1.96")
LEDs of Section	3 LEDs

Waterproof Rate

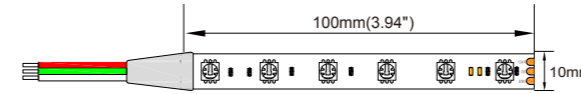


Recommended Profiles



● 5050RGB/60LED/SPI/ SK6812

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350A060A00-D000I1A101065	60	24V	8		RGB	SK6812 12MA	IP20	10mm

Optical parameter

LED Type:	SMD5050
Control protocol:	SPI
CCT Range:	RGB(SK6812)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	<b>N/A</b>

Controller

Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



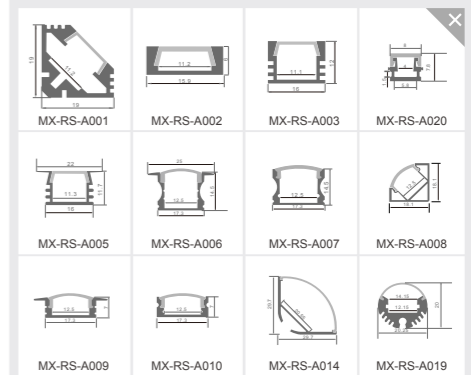
Electric parameter

Input Current/m:	0.33(max)CA/m (0.1A/ft)
Input Voltage:	DC24V
Power/M:	8(max)W/m (2.5W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	6 LEDs

Waterproof Rate

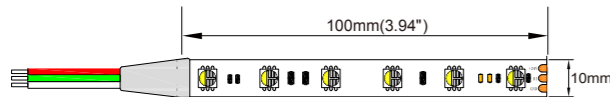


Recommended Profiles



● 5050RGBW/60LED/SPI/  
SK6812

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm, W:2700-6000K LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350Z060A80-D040I1A101065	60	24V	11	RGBW	N/A	SK6812 12MA	IP20	10mm

Optical parameter

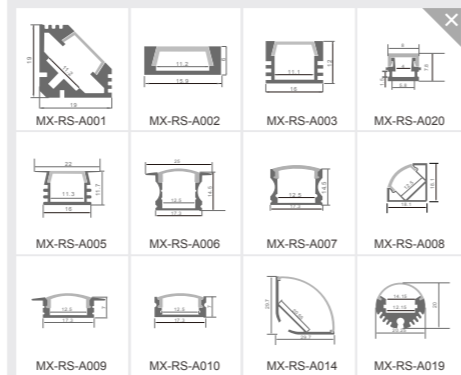
LED Type:	SMD5050
Control protocol:	SPI
CCT Range:	RGBW(SK6812)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	<b>N/A</b>

Controller

Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



Recommended Profiles



Electric parameter

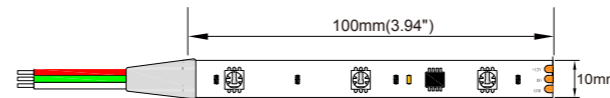
Input Current/m:	0.45(max)A/m (0.14A/ft)
Input Voltage:	DC24V
Power/M:	11(max)W/m (3.43W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	6 LEDs

Waterproof Rate



● 5050RGB/30LED/SPI/  
/SM16703PB

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF250A030A00-D000I1A101035	30	12V	6	RGB	N/A	SK16703PB 16MA	IP20	10mm

Optical parameter

LED Type:	SMD5050
Control protocol:	SPI
CCT Range:	RGB(SK16703PB)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	<b>N/A</b>

Controller

Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



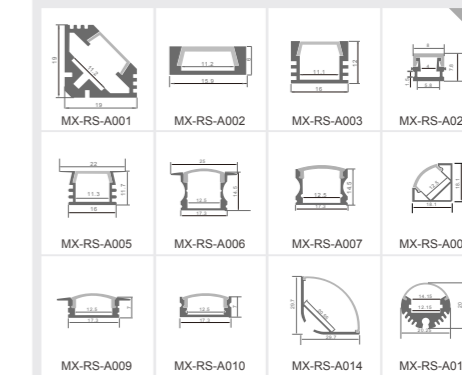
Electric parameter

Input Current/m:	0.5(max)CA/m (0.15A/ft)
Input Voltage:	DC12V
Power/M:	6(max)W/m (1.87W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	30LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	3 LEDs

Waterproof Rate

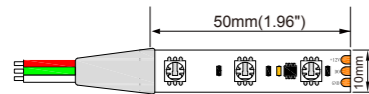


Recommended Profiles



● 5050RGB/60LED/SPI/  
SM16703PB

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF250A060A00-D0001A10103S	60	12V	12	RGB	N/A	SM16703PB 16MA	IP20	10mm

Optical parameter

LED Type:	SMD5050
Control protocol:	SPI
CCT Range:	RGB(SM16703PB)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

Controller

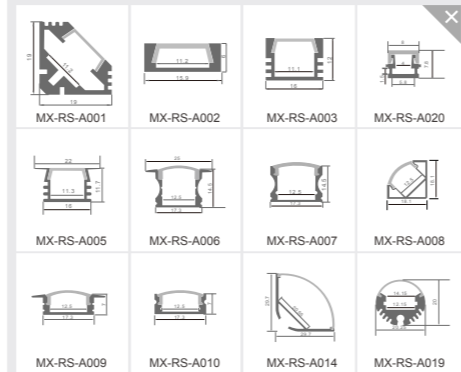
Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



Electric parameter

Input Current/m:	1(max)A/m (0.3A/ft)
Input Voltage:	DC12V
Power/M:	12(max)W/m (3.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	50mm(1.96")
LEDs of Section	3 LEDs

Recommended Profiles

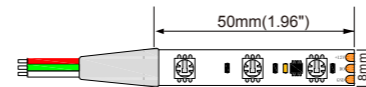


Waterproof Rate



● 5050RGB/60LED/SPI/  
FL1903B

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF250A060A00-D0001A08103S	60	12V	12	RGB	N/A	FL1903B 17MA	IP20	8mm

Optical parameter

LED Type:	SMD5050
Control protocol:	SPI
CCT Range:	RGB(FL1903B)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

Controller

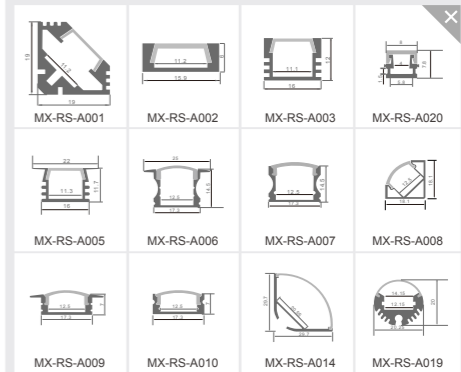
Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



Electric parameter

Input Current/m:	1A/m (0.31A/ft)
Input Voltage:	DC12V
Power/M:	12(max)W/m (3.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	50mm(1.96")
LEDs of Section	3 LEDs

Recommended Profiles



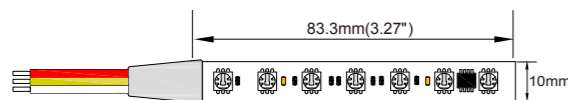
Waterproof Rate





● 5050RGB/84LED/SPI/  
SM16703PB

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350A084A00-D0001A101065	84	24V	14	RGB	N/A	SM16703PB 16MA	IP65	10mm

Optical parameter

LED Type:	SMD5050
Control protocol:	SPI
CCT Range:	RGB(SM16703PB)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

Controller

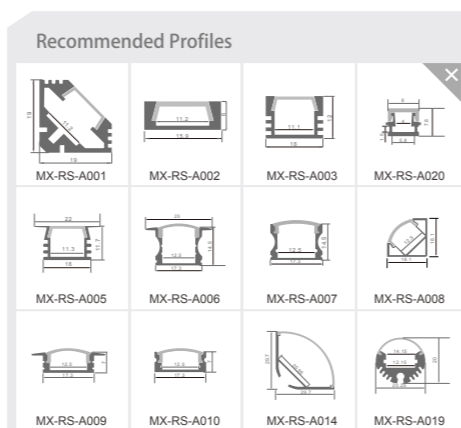
Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



Electric parameter

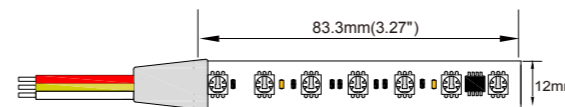
Input Current/m:	0.58(max)A/m (0.18A/ft)
Input Voltage:	DC24V
Power/M:	14(max)W/m (4.37W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	84LEDs/m
Size of Section:	83.3mm(3.27")
LEDs of Section	7 LEDs

Waterproof Rate



● 5050RGB/84LED/SPI/  
FW1935/12MM

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350A084A00-D0001A121065	84	24V	12	RGB	N/A	FW1935 14MA	IP65	12mm

Optical parameter

LED Type:	SMD5050
Control protocol:	SPI
CCT Range:	RGB(FW1935)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

Controller

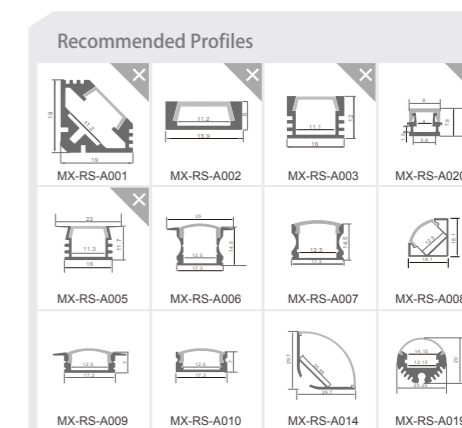
Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



Electric parameter

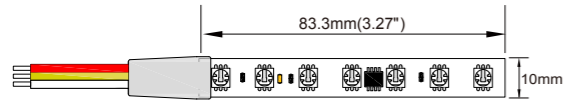
Input Current/m:	0.5(max)A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12(max)W/m (3.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	84LEDs/m
Size of Section:	83.3mm(3.27")
LEDs of Section	7 LEDs

Waterproof Rate



● **5050RGB/84LED/SPI/  
FW1935/10MM**

- Use high quality PCB,R:620-630nm,G:515-525nm,B:460-470nm LEDs;
- Can set with controller if you need,non waterproof and waterproof are available;
- 3M tape for installation,3 years warranty.



Item Code	LEDs/meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	IC Type	IP Rate	PCB width
MF350A084A00-D0001A101065	84	24V	12	RGB	N/A	FW1935 14MA	IP65	10mm

Optical parameter

LED Type:	SMD5050
Control protocol:	SPI
CCT Range:	RGB(FW1935)
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	<b>N/A</b>

Electric parameter

Input Current/m:	0.5(max)A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12(max)W/m (3.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	84LEDs/m
Size of Section:	83.3mm(3.27")
LEDs of Section	7 LEDs

Waterproof Rate

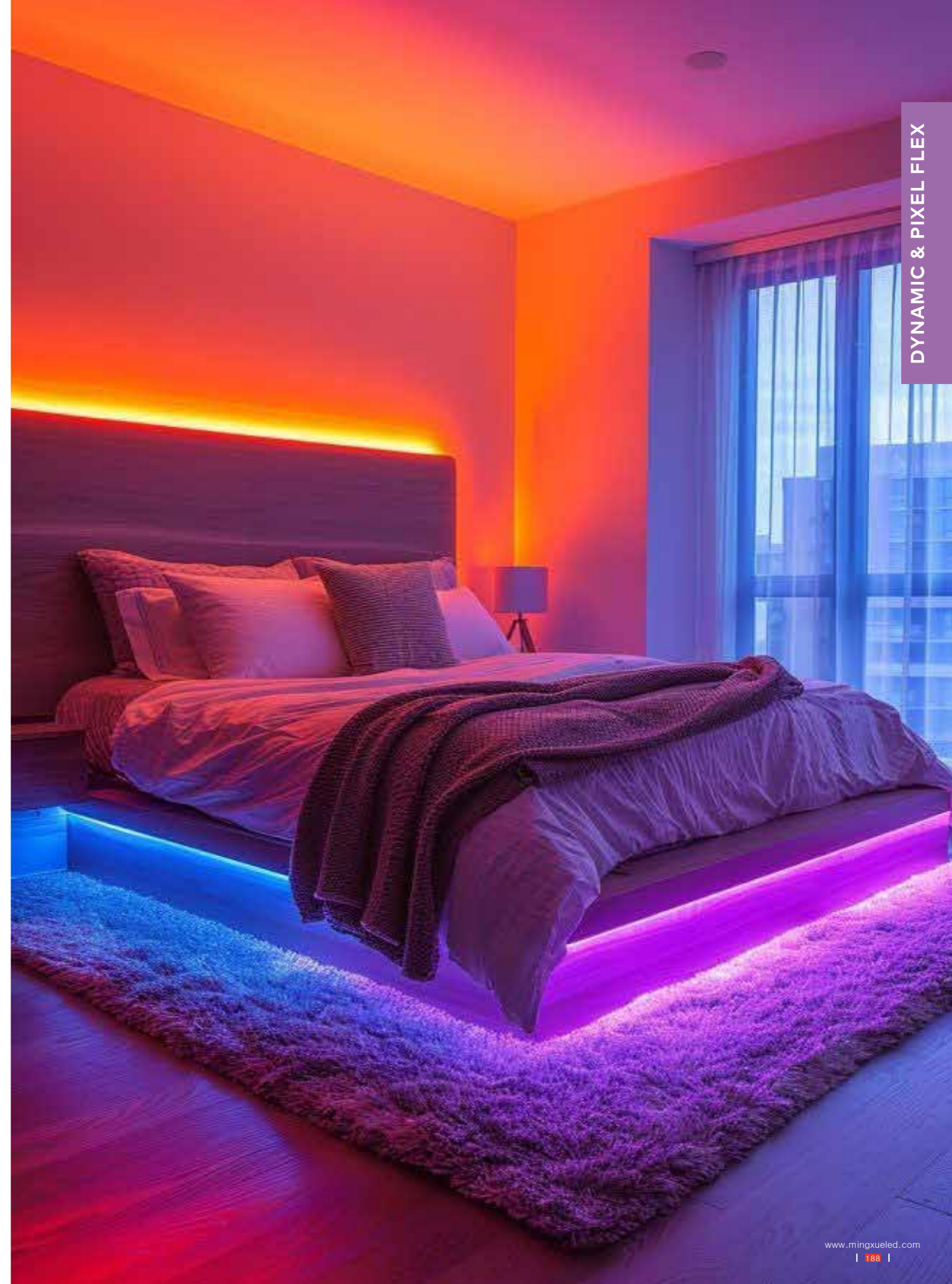
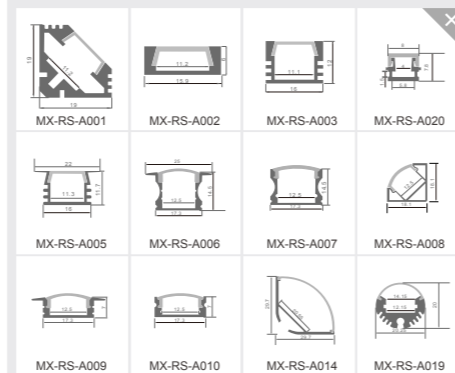


Controller

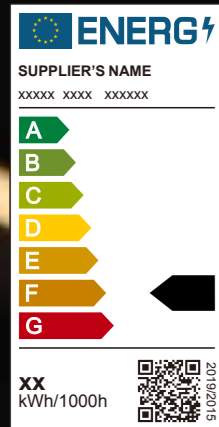
Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



Recommended Profiles



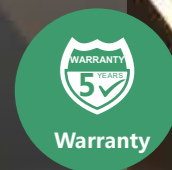




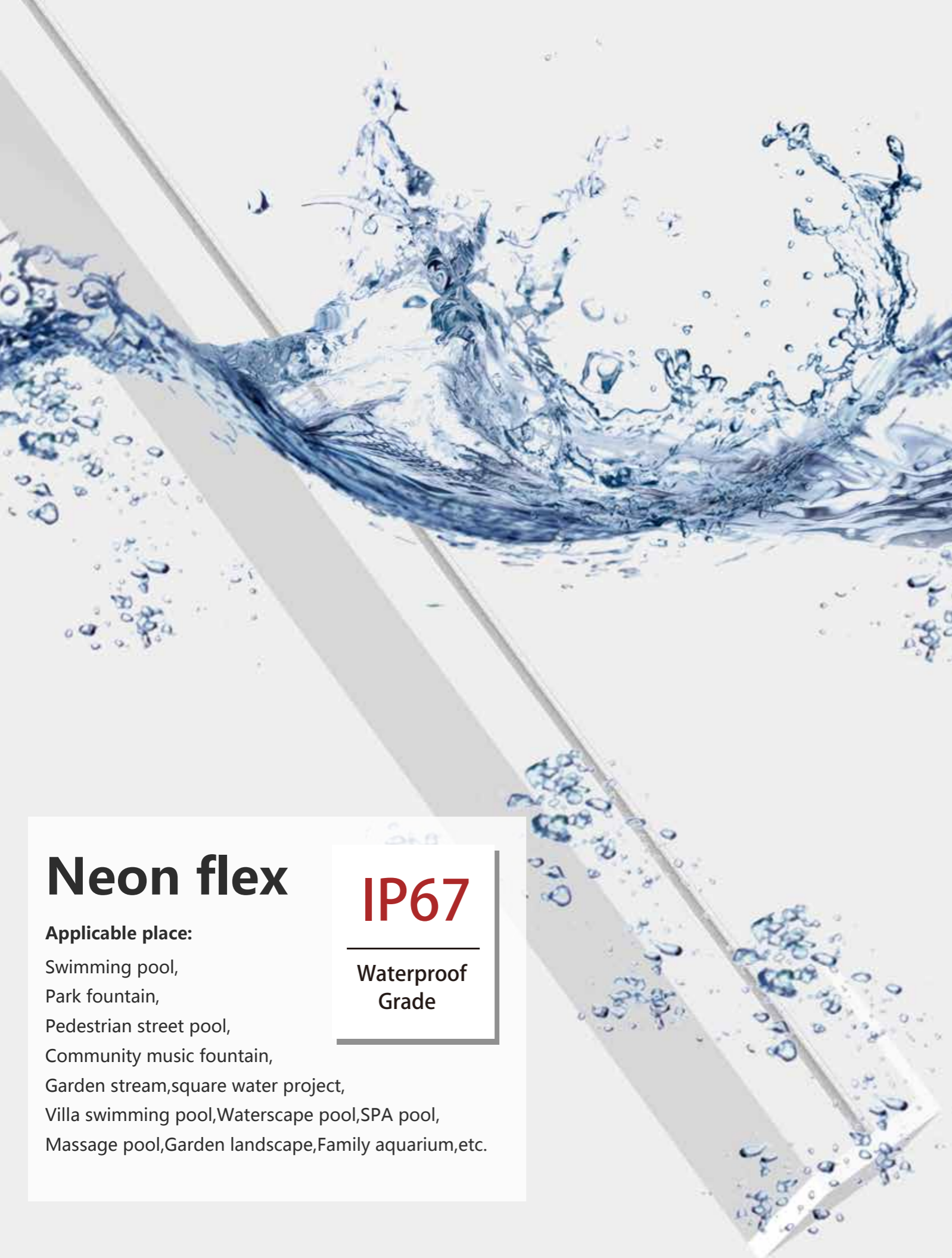
# no

## IP67 SILICON EXTRUSION

LED neon strip is a flexible lighting product, with LED as the light source, soft light strip wrap, can be cut and connected. Low energy consumption, long life, high brightness, low heat and environmental protection, can do monochrome, two-color and magic effect, suitable for interior decoration, commercial advertising, landscape lighting and so on. Its advantages make it an important part of the modern urban night scene, energy saving, long life, comfort and environmental protection characteristics are highly respected.







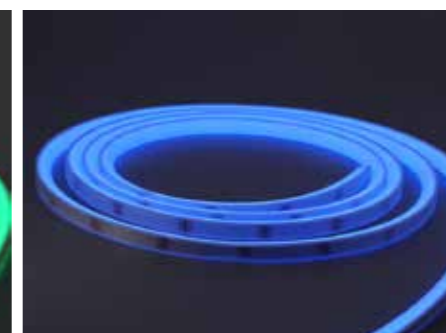
# Neon flex

## Applicable place:

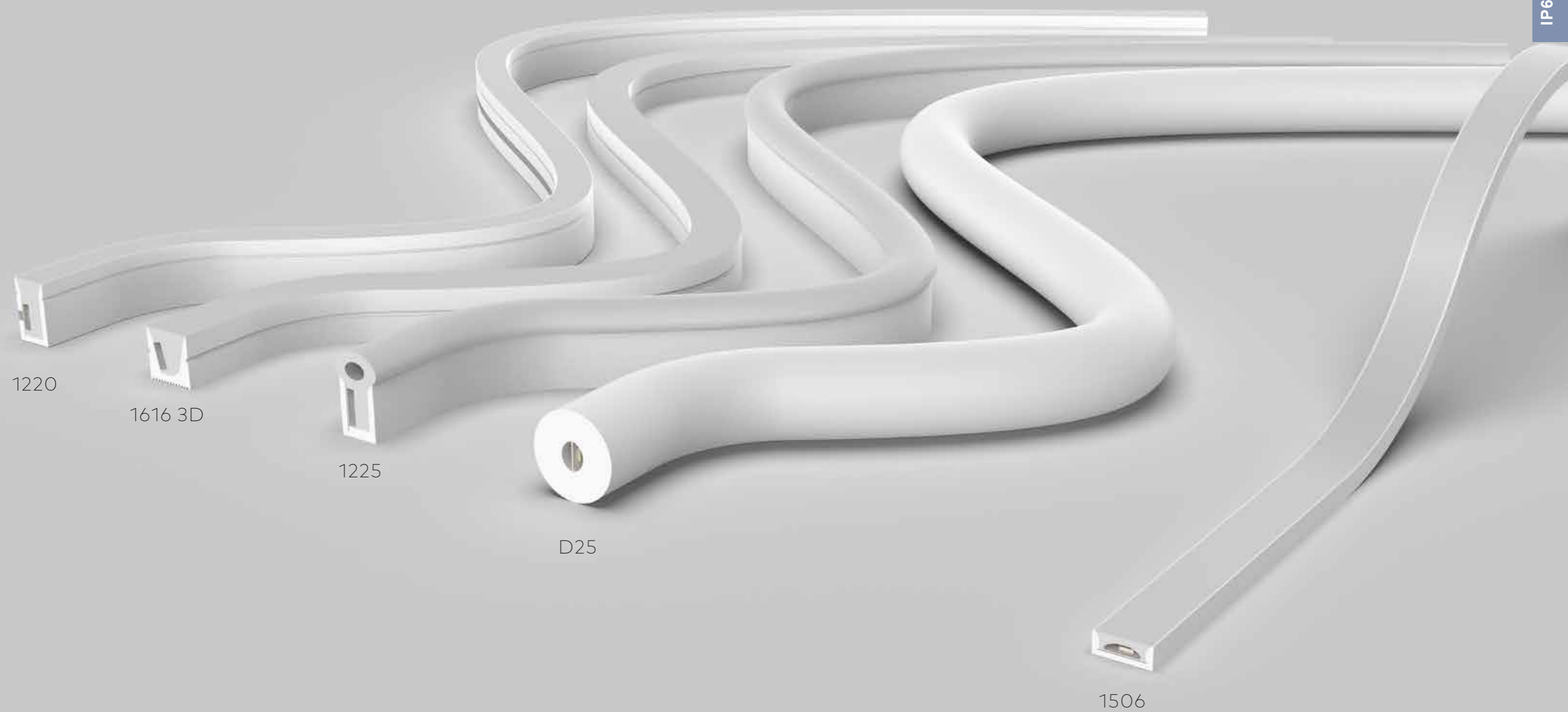
Swimming pool,  
Park fountain,  
Pedestrian street pool,  
Community music fountain,  
Garden stream,square water project,  
Villa swimming pool,Waterscape pool,SPA pool,  
Massage pool,Garden landscape,Family aquarium,etc.

# IP67

Waterproof  
Grade



# NEON FLEX



1220

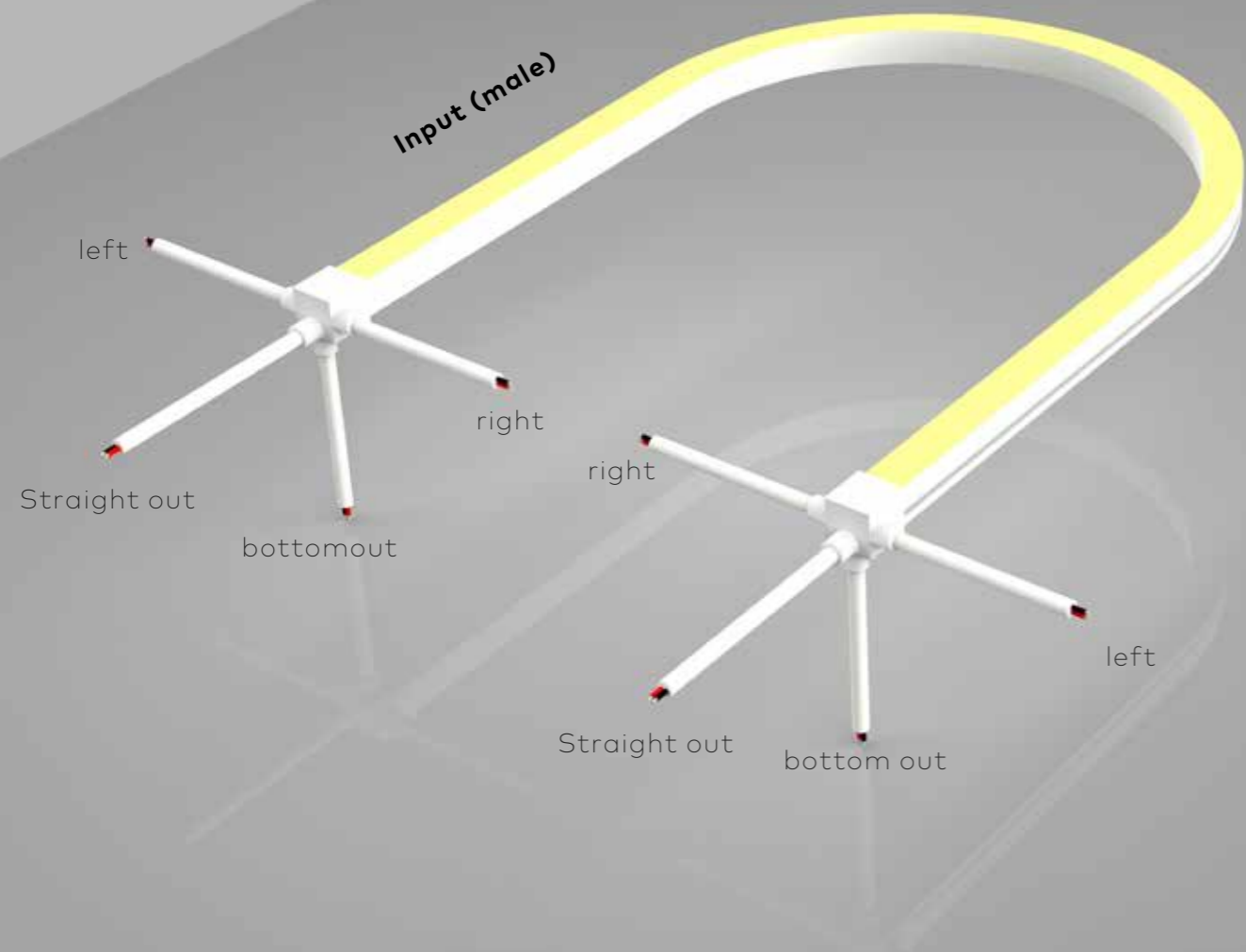
1616 3D

1225

D25

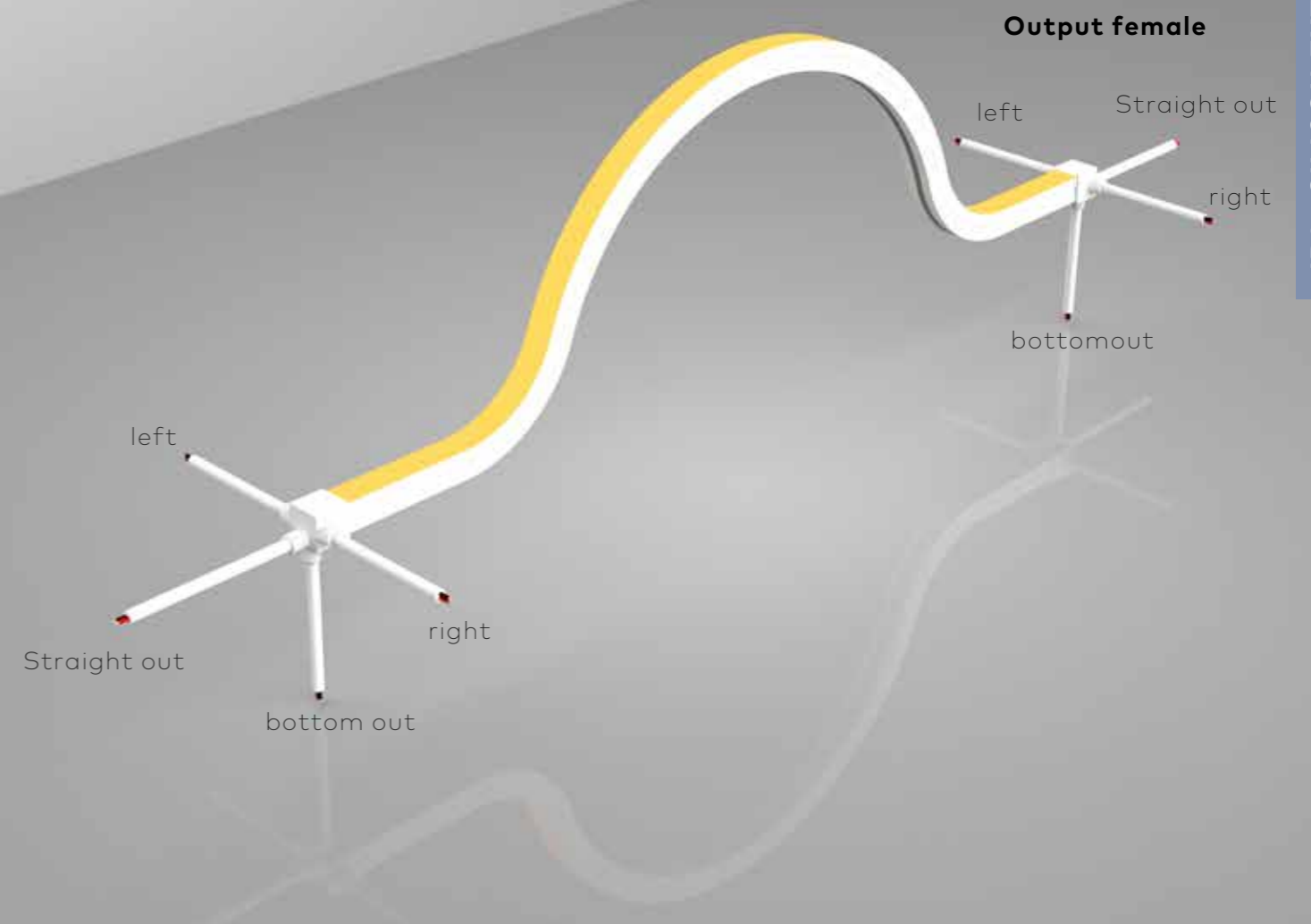
1506





## Horizontal bending

MX Neon lights have different outlet ways to meet your different application scenarios and requirements



## Vertical bending

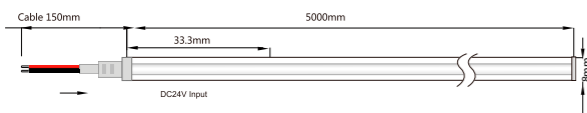
MX Neon lights have different outlet ways to meet your different application scenarios and requirements



# NEON FLEX

## Nano Neon 8MM

- Skin friendly surface treatment, comfortable to touch, good flexibility, simple shape
- Ultra-thin design, no spot vision; 130Lm/W Ultra-high light efficiency, energy saving
- Uniform light, No light spot, Could be different shapes; 5 years warranty.



Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MF328V210Q90-D027A6F10108N2	33.33mm	24V	7.2	2700k <sup>+200</sup> / <sub>-100</sub>	>90	842	257	117	IP65	5m
MF328V210Q90-D030A6F10108N2	33.33mm	24V	7.2	3000k <sup>+200</sup> / <sub>-100</sub>	>90	893	272	124	IP65	5m
MF328W210Q90-D040A6F10108N2	33.33mm	24V	7.2	4000k <sup>+200</sup> / <sub>-100</sub>	>90	936	285	130	IP65	5m
MF328W210Q90-D050A6F10108N2	33.33mm	24V	7.2	5000k <sup>+300</sup> / <sub>-200</sub>	>90	936	285	130	IP65	5m
MF328W210Q90-D065A6F10108N2	33.33mm	24V	7.2	6500k <sup>+300</sup> / <sub>-200</sub>	>90	936	285	130	IP65	5m

### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700K~6500K
Irritation Angle:	140°
Light Efficiency:	117~130Lm/w
Lumen Output/meter:	842~936Lm/m (257~285Lm/ft)
Energy Grade:	<b>E</b>

### Electric parameter

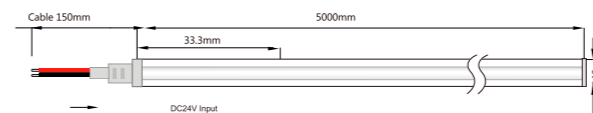
Input Current/m:	0.3(max)A/m(0.1A/ft)
Input Voltage:	DC24V
Power/M:	7.2W/m(2.2W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	210LEDs/m
Size of Section:	33.33mm(1.31")
LEDs of Section	7 LEDs



# NEON FLEX

## Nano Neon 12MM

- Skin friendly surface treatment, comfortable to touch, good flexibility, simple shape
- Ultra-thin design, no spot vision; 125Lm/W Ultra-high light efficiency, energy saving
- Uniform light, No light spot, Could be different shapes; 5 years warranty.



Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MF328V240Q90-D027A6F10108N2	33.33mm	24V	12	2700k <sup>+200</sup> / <sub>-100</sub>	>90	1332	406	111	IP65	5m
MF328V240Q90-D030A6F10108N2	33.33mm	24V	12	3000k <sup>+200</sup> / <sub>-100</sub>	>90	1406	429	117	IP65	5m
MF328V240Q90-D040A6F10108N2	33.33mm	24V	12	4000k <sup>+200</sup> / <sub>-100</sub>	>90	1480	451	123	IP65	5m
MF328V240Q90-D050A6F10108N2	33.33mm	24V	12	5000k <sup>+300</sup> / <sub>-200</sub>	>90	1480	451	123	IP65	5m
MF328V240Q90-D055A6F10108N2	33.33mm	24V	12	5500k <sup>+300</sup> / <sub>-200</sub>	>90	1480	451	123	IP65	5m
MF328V240Q90-D050A6F10108N2	33.33mm	24V	12	CCT	>90	1480	451	123	IP65	5m
MF328V240Q90-D055A6F10108N2	33.33mm	24V	12	RGB	>90	1480	451	123	IP65	5m

### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700/3000/4000/5000/5500K
Irritation Angle:	120°
Light Efficiency:	111~123Lm/w
Lumen Output/meter:	1332~1480Lm/m (406~451Lm/ft)
Energy Grade:	<b>E</b>

### Electric parameter

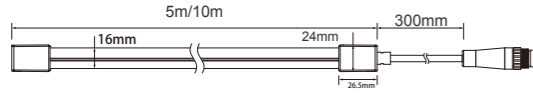
Input Current/m:	0.5(max)A/m(0.16A/ft)
Input Voltage:	DC24V
Power/M:	12W/m(3.66W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m
Size of Section:	33.33mm(1.31")
LEDs of Section	8 LEDs



# NEON FLEX

## ● Black 3D 16\*16mm

- It can be bent vertically and horizontally, supporting a variety of shapes
- Light source: High luminous efficiency, LM80 proved;
- Black material, suitable for hiding effect in specific use scenarios
- Resistance to saline solutions, acids & alkali, corrosive gases and UV
- RGB/ RGB SPI version to choose



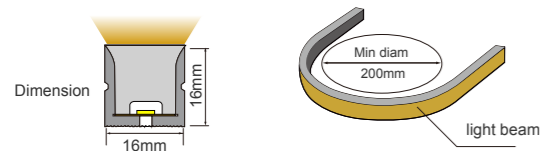
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN344A120Q00-D000V6A12106N-1616ZA	50mm	24V	12	RGB	N/A	N/A	N/A	N/A	IP67	5m
MN350A096Q00-D000H6A12106S-1616ZB1	62.5mm	24V	14.4	SPI RGB	N/A	N/A	N/A	N/A	IP67	5m

### Optical parameter

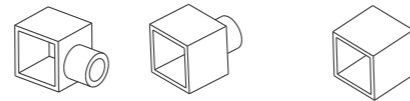
LED Type:	SMD4040 for RGB/SMD5050 FOR SPI RGB
Color Rendering Index:	N/A
CCT Range:	RGB/SPI RGB
Irritation Angle:	120°
Light Efficiency:	N/A
Lumen Output/meter:	N/A
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.6(max)A/m(0.19A/ft)
Input Voltage:	DC24V
Power/M:	14.4W/m(4.39W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m for RGB/96LEDs/m for SPI RGB
Size of Section:	50mm for RGB/62.5mm for SPI RGB
LEDs of Section	6 LEDs



### Accessories



Straightout/side outlet/bottom outlet cap End cap

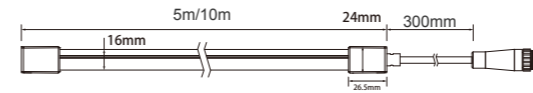


clip Aluminium profile S shape Aluminium profile

# NEON FLEX

## ● 3D 16\*16mm

- High quality 1616 LED Neon Flex, With full range of colors 2700-5500K/RGB;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V120Q90-D027M6A10106N-1616ZE	50mm	24V	12	2700k	>90	584	183	49	IP67	5m
MN328V120Q90-D030M6A10106N-1616ZE	50mm	24V	12	3000k	>90	617	193	51	IP67	5m
MN328W120Q90-D040M6A10106N-1616ZE	50mm	24V	12	4000k	>90	643	201	53	IP67	5m
MN328W120Q90-D050M6A10106N-1616ZE	50mm	24V	12	5000k	>90	649	203	54	IP67	5m
MN328W120Q90-D065M6A10106N-1616ZE	50mm	24V	12	5500k	>90	661	207	55	IP67	5m
MN350A192Q00-D000N6A10106N-1616ZE	50mm	24V	12	SPI RGB	N/A	N/A	N/A	N/A	IP67	5m

### Optical parameter

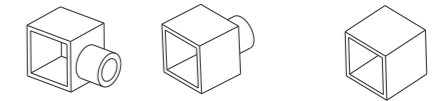
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700K~5500K/SPI RGB
Irritation Angle:	120°
Light Efficiency:	56~63Lm/w
Lumen Output/meter:	444~503Lm/m (135~153Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.5(max)A/m(0.16A/ft)
Input Voltage:	DC24V
Power/M:	12W/m(3.66W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(0.17")
LEDs of Section	6 LEDs



### Accessories



Straightout/side outlet/bottom outlet cap End cap



clip Aluminium profile S shape Aluminium profile

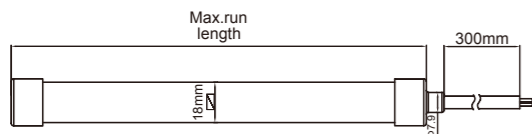


rightoutlet leftoutlet straightoutlet

# NEON FLEX

## D18mm 360°

- High quality D18mm LED Neon Flex, With full range of colors 2700-6500K/RGB/SPI RGB;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



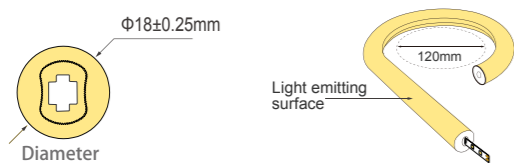
Item Code	Cutting Length (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MF328W320G90-D018B6F06101N016001-1818YI	6.25mm	24V	16	1800k	90	890	271	56	IP67	5m
MF328W320G90-D027B6F06101N016001-1818YI	6.25mm	24V	16	2700k	90	1,089	332	68	IP67	5m
MF328W320G90-D030B6F06101N016001-1818YI	6.25mm	24V	16	3000k	90	1,150	351	72	IP67	5m
MF328W320G90-D040B6F06101N016001-1818YI	6.25mm	24V	16	4000k	90	1,150	351	72	IP67	5m
MF328W320G90-D050B6F06101N016001-1818YI	6.25mm	24V	16	5000k	90	1,210	369	75	IP67	5m
MF328W320G90-D065B6F06101N016001-1818YI	6.25mm	24V	16	6500k	90	1,210	369	75	N/A	5m

### Optical parameter

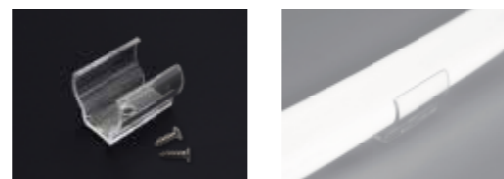
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700K~6500K
Irritation Angle:	360°
Light Efficiency:	56~75Lm/w
Lumen Output/meter:	890~1210Lm/m (271~369Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.67(max)A/m(0.21A/ft)
Input Voltage:	DC24V
Power/M:	16W/m(4.88W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	160LEDs/m*2/m
Size of Section:	6.25mm(0.246")
LEDs of Section	1 LEDs*2



### Accessories

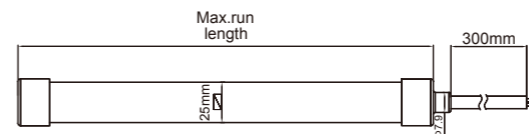


D18 strip

# NEON FLEX

## D25 Neon strip

- High quality D25mm LED Neon Flex, With full range of colors 2700-6500K/RGB/SPI RGB;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



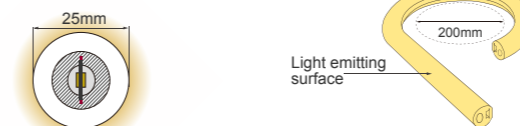
Item Code	Cutting Length (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V320Q90-D027M6A10101N-2525YE	6.25mm	24V	20	2700k	>80	1,320	402	66	IP67	5m
MN328V320Q90-D030M6A10101N-2525YE	6.25mm	24V	20	3000k	>80	1,390	424	70	IP67	5m
MN328V320Q90-D040M6A10101N-2525YE	6.25mm	24V	20	4000k	>80	1,495	447	73	IP67	5m
MN328V320Q90-D050M6A10101N-2525YE	6.25mm	24V	20	5000k	>80	1,495	456	75	IP67	5m
MN328V320Q90-D055M6A10101N-2525YE	6.25mm	24V	20	6500k	>80	1,530	466	77	IP67	5m
MN328U480Q90-D027N6A10106N-RO25Y	6.25mm	24V	20	CCT	>80	820	250	820	IP67	5m
MN344A240Q00-D000O6A12106N-RO25Y	6.25mm	24V	20	RGB	N/A	622	194	31	IP67	5m
MN250A192Q00-D000N6A10101S-RO25Y	10.4mm	12V	20	RGB SPI	N/A	328	103	16	IP67	5m

### Optical parameter

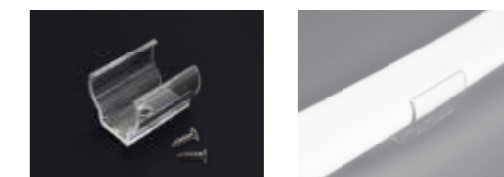
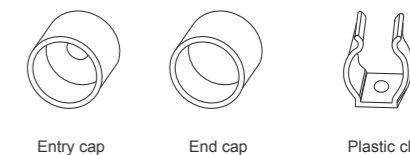
LED Type:	SMD5050
Color Rendering Index:	>80
CCT Range:	2700K~6500K/RGB/SPIRGB
Irritation Angle:	360°
Light Efficiency:	66~77Lm/w
Lumen Output/meter:	1320~1530Lm/m (402~466Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.83(max)A/m(0.26A/ft)
Input Voltage:	DC24V
Power/M:	20W/m(6.1W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	160LEDs/m*2/m
Size of Section:	6.25mm(0.246")
LEDs of Section	1 LEDs*2



### Accessories



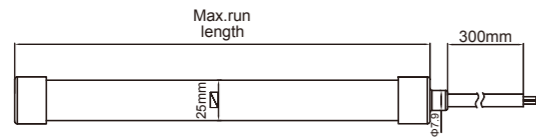
D25 strip



# NEON FLEX

## ● 24V D25 SPI RGB

- High quality D25mm LED Neon Flex, With full range of colors 2700-6500K/RGB/SPI RGB;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MF350A096A00-D000TOA10	62.5mm	24V	13	SPI RGB	N/A	N/A	N/A	N/A	IP67	5m

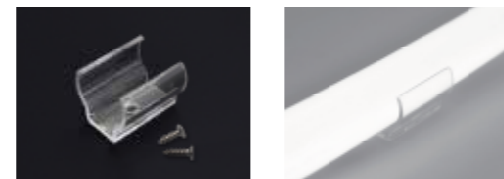
### Optical parameter

LED Type:	SMD5050
Color Rendering Index:	N/A
CCT Range:	SPI RGB
Irritation Angle:	360°
Light Efficiency:	16Lm/w
Lumen Output/meter:	328Lm/m (103Lm/ft)
Energy Grade:	N/A

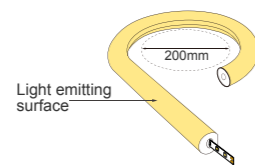
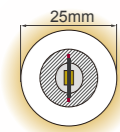
### Electric parameter

Input Current/m:	0.55(max)A/m(0.17A/ft)
Input Voltage:	DC24V
Power/M:	13W/m(3.97W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	192LEDs/m
Size of Section:	62.5mm(2.46")
LEDs of Section	12 LEDs

### Accessories



D25 strip

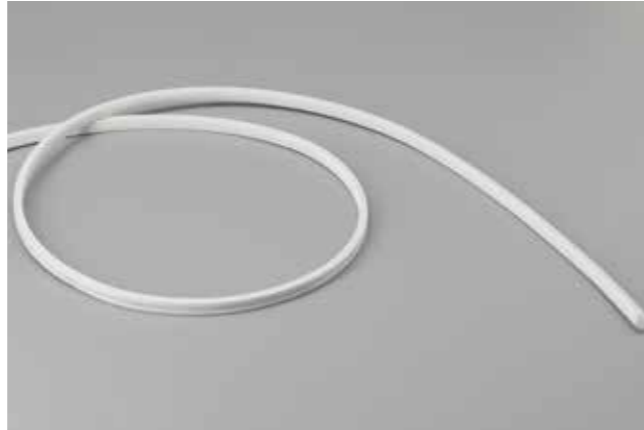
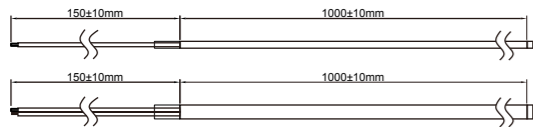


IP67 SILICON EXTRUSION

# NEON FLEX

## ● 03\*06mm(Side view)

- High quality 0306 LED Neon Flex,With full range of colors 2100-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



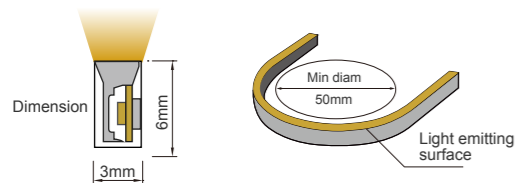
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN322W196Q90-D027A6A04107N-0306CA	35.7mm	24V	4.8	2700k <sup>+200</sup> <sub>-100</sub>	>90	137	42	29	IP67	5m
MN322W196Q90-D030A6A04107N-0306CA	35.7mm	24V	4.8	3000k <sup>+200</sup> <sub>-100</sub>	>90	140	43	29	IP67	5m
MN322W196Q90-D040A6A04107N-0306CA	35.7mm	24V	4.8	4000k <sup>+200</sup> <sub>-100</sub>	>90	150	46	31	IP67	5m
MN322W196Q90-D050A6A04107N-0306CA	35.7mm	24V	4.8	5000k <sup>+300</sup> <sub>-200</sub>	>90	150	46	31	IP67	5m
MN322W196Q90-D065A6A04107N-0306CA	35.7mm	24V	4.8	6500k <sup>+300</sup> <sub>-200</sub>	>90	150	46	31	IP67	5m

### Optical parameter

LED Type:	SMD2216
Color Rendering Index:	>90
CCT Range:	2700K~6500K
Irritation Angle:	120°
Light Efficiency:	29~31Lm/w
Lumen Output/meter:	137~150Lm/m (42~461Lm/ft)
Energy Grade:	<b>N/A</b>

### Electric parameter

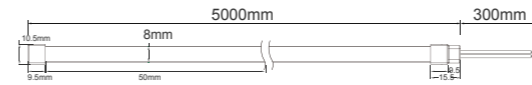
Input Current/m:	0.2(max)A/m(0.06A/ft)
Input Voltage:	DC24V
Power/M:	4.8W/m(1.47W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	196LEDs/m
Size of Section:	35.7mm(1.41")
LEDs of Section	7 LEDs



# NEON FLEX

## ● 04\*08mm(Side view)

- High quality 0408 LED Neon Flex,With full range of colors 2100-6500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



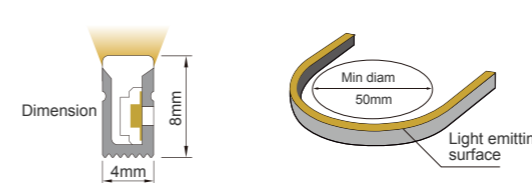
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V140Q90-D021M6A05107N-0408C	50mm	24V	6	2100k <sup>+200</sup> <sub>-100</sub>	>90	199	60	33	IP65	5m
MN328V140Q90-D024M6A05107N-0408C	50mm	24V	6	2400k <sup>+200</sup> <sub>-100</sub>	>90	212	64	35	IP65	5m
MN328V140Q90-D027M6A05107N-0408C	50mm	24V	6	2700k <sup>+200</sup> <sub>-100</sub>	>90	219	67	37	IP65	5m
MN328V140Q90-D030M6A05107N-0408C	50mm	24V	6	3000k <sup>+300</sup> <sub>-200</sub>	>90	253	77	42	IP65	5m
MN328V140Q90-D040M6A05107N-0408C	50mm	24V	6	4000k <sup>+300</sup> <sub>-200</sub>	>90	223	68	37	IP65	5m
MN328V140Q90-D050M6A05107N-0408C	50mm	24V	6	5000k <sup>+400</sup> <sub>-300</sub>	>90	214	65	35	IP65	5m
MN328V140Q90-D055M6A05107N-0408C	50mm	24V	6	5500k <sup>+400</sup> <sub>-300</sub>	>90	221	67	36	IP65	5m

### Optical parameter

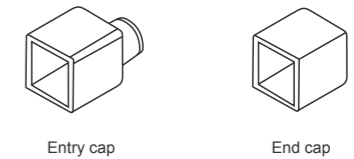
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2100K~5500K
Irritation Angle:	120°
Light Efficiency:	33~42Lm/w
Lumen Output/meter:	199~253Lm/m (60~77Lm/ft)
Energy Grade:	<b>N/A</b>

### Electric parameter

Input Current/m:	0.25(max)A/m(0.08A/ft)
Input Voltage:	DC24V
Power/M:	6(max)W/m(1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



### Accessories



Aluminium Mounting Clips  
15x6.5x7.2mm(L x W x H)

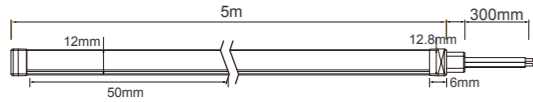


Aluminium profile

# NEON FLEX

## 06\*12mm(Side view)

- High quality 0612 LED Neon Flex,With full range of colors 2100-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



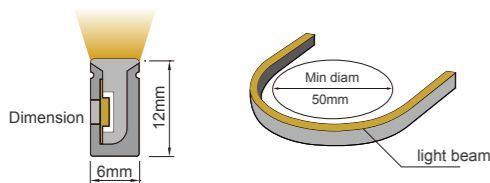
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V140Q90-D021M6A08106N-0612C	50mm	24V	10	2100k <sup>+200</sup> / <sub>-100</sub>	>90	224	68	22	IP67	5m
MN328V140Q90-D024M6A08106N-0612C	50mm	24V	10	2400k <sup>+200</sup> / <sub>-100</sub>	>90	238	73	24	IP67	5m
MN328V140Q90-D027M6A08106N-0612C	50mm	24V	10	2700k <sup>+200</sup> / <sub>-100</sub>	>90	252	79	25	IP67	5m
MN328V140Q90-D030M6A08106N-0612C	50mm	24V	10	3000k <sup>+300</sup> / <sub>-200</sub>	>90	266	81	27	IP67	5m
MN328W140Q90-D040M6A08106N-0612C	50mm	24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>90	280	85	28	IP67	5m
MN328W140Q90-D050M6A08106N-0612C	50mm	24V	10	5000k <sup>+400</sup> / <sub>-300</sub>	>90	280	85	28	IP67	5m
MN328W140Q90-D055M6A08106N-0612C	50mm	24V	10	5500k <sup>+400</sup> / <sub>-300</sub>	>90	280	85	28	IP67	5m

### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2100K~5500K
Irritation Angle:	120°
Light Efficiency:	22~28Lm/w
Lumen Output/meter:	224~280Lm/m (68~85Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



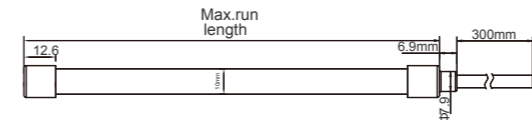
### Accessories



# NEON FLEX

## 08\*17mm(Side view)

- High quality 0817 LED Neon Flex,With full range of colors 2100-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



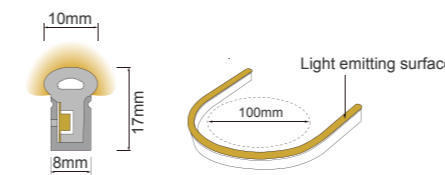
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V120Q90-D021M6A10106N-0817C	50mm	24V	10	2100k <sup>+200</sup> / <sub>-100</sub>	>90	271	83	27	IP65	5m
MN328V120Q90-D024M6A10106N-0817C	50mm	24V	10	2400k <sup>+200</sup> / <sub>-100</sub>	>90	285	86	28	IP65	5m
MN328V120Q90-D027M6A10106N-0817C	50mm	24V	10	2700k <sup>+200</sup> / <sub>-100</sub>	>90	310	95	31	IP65	5m
MN328V120Q90-D030M6A10106N-0817C	50mm	24V	10	3000k <sup>+300</sup> / <sub>-200</sub>	>90	311	95	31	IP65	5m
MN328W120Q90-D040M6A10106N-0817C	50mm	24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>90	340	103	34	IP65	5m
MN328W120Q90-D050M6A10106N-0817C	50mm	24V	10	5000k <sup>+400</sup> / <sub>-300</sub>	>90	344	105	34	IP65	5m
MN328W120Q90-D065M6A10106N-0817C	50mm	24V	10	5500k <sup>+400</sup> / <sub>-300</sub>	>90	319	97	32	IP65	5m

### Optical parameter

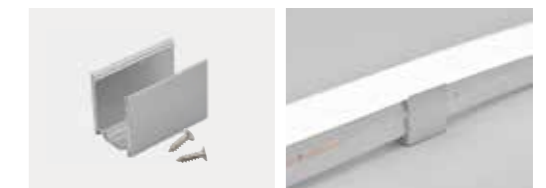
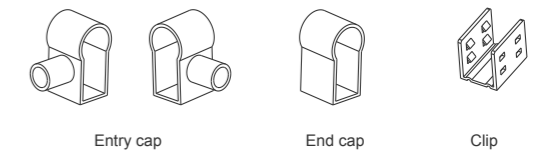
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2100K~5500K
Irritation Angle:	120°
Light Efficiency:	27~34Lm/w
Lumen Output/meter:	271~344Lm/m (83~105Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	6 LEDs



### Accessories

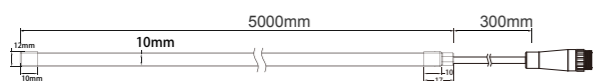




# NEON FLEX

## 10\*10mm(Side view)

- High quality 1010 LED Neon Flex, With full range of colors 2700-6500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



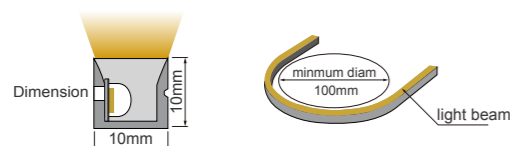
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V160Q95-D027T0A06-1010	6.25mm	24V	10	2700k <sup>+200</sup> / <sub>-100</sub>	>90	750	229	75	IP67	5m
MN328V160Q95-D030T0A06-1010	6.25mm	24V	10	3000k <sup>+300</sup> / <sub>-200</sub>	>90	760	232	76	IP67	5m
MN328V160Q95-D040T0A06-1010	6.25mm	24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>90	780	238	78	IP67	5m
MN328V160Q95-D050T0A06-1010	6.25mm	24V	10	5000k <sup>+400</sup> / <sub>-300</sub>	>90	780	238	78	IP67	5m
MN328V160Q95-D05T0A06-1010	6.25mm	24V	10	5500k <sup>+400</sup> / <sub>-300</sub>	>90	780	238	78	IP67	5m

### Optical parameter

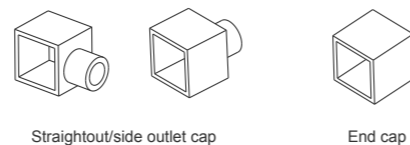
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700/3000/4000/5000/5500K
Irritation Angle:	120°
Light Efficiency:	75~78Lm/w
Lumen Output/meter:	750~780Lm/m (29~238Lm/ft)

### Electric parameter

Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	168LEDs/m
Size of Section:	41.6mm(0.136")
LEDs of Section	7 LEDs



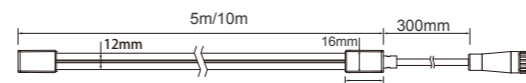
### Accessories



# NEON FLEX

## 12\*12mm(Side view)

- High quality 1212 LED Neon Flex, With full range of colors 2700-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



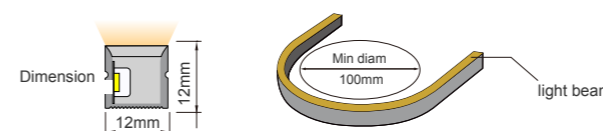
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328W140Q80-D027A6A08107N-1212CE	50mm	24V	10	2700k <sup>+200</sup> / <sub>-100</sub>	>80	521	159	52	IP67	5m
MN328W140Q80-D030A6A08107N-1212CE	50mm	24V	10	3000k <sup>+300</sup> / <sub>-200</sub>	>80	549	167	55	IP67	5m
MN328W140Q80-D040A6A08107N-1212CE	50mm	24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>80	578	176	58	IP67	5m
MN328W140Q80-D050A6A08107N-1212CE	50mm	24V	10	5000k <sup>+400</sup> / <sub>-300</sub>	>80	578	176	58	IP67	5m
MN328W140Q80-D055A6A08107N-1212CE	50mm	24V	10	5500k <sup>+400</sup> / <sub>-300</sub>	>80	578	176	58	IP67	5m
MN328U240Q90-D801N6A09106N-1212CE	50mm	24V	10	CCT	>90	476	145	48	IP67	5m
MN344A120Q00-D000O6A10106N-1212CE	50mm	24V	10	RGB	N/A	263	80	26	IP67	5m

### Optical parameter

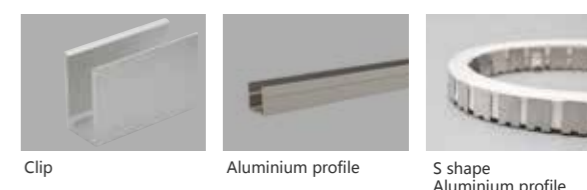
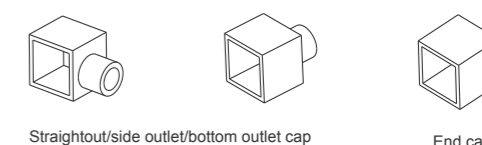
LED Type:	SMD2835
Color Rendering Index:	>80
CCT Range:	2700/3000/4000/5000/5500K
Irritation Angle:	120°
Light Efficiency:	52~58Lm/w
Lumen Output/meter:	521~578Lm/m (159~176Lm/ft)

### Electric parameter

Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



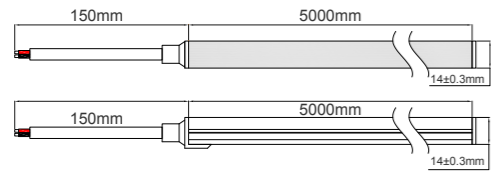
### Accessories



# NEON FLEX

## ● 14\*14mm(Side view)

- High quality 1414 LED Neon Flex, With full range of colors 2700-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



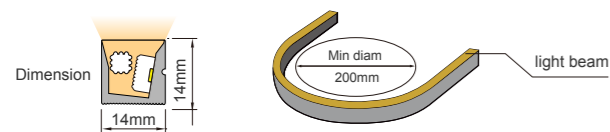
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MF328V140Q90-D027A6A10107N-1414-CA	50mm	24V	14.4	2700k <sup>+200</sup> / <sub>-100</sub>	>90	579	177	40	IP67	5m
MF328V140Q90-D030A6A10107N-1414-CA	50mm	24V	14.4	3000k <sup>+300</sup> / <sub>-200</sub>	>90	611	186	42	IP67	5m
MF328W140Q90-D040A6A10107N-1414-CA	50mm	24V	14.4	4000k <sup>+300</sup> / <sub>-200</sub>	>90	643	196	45	IP67	5m
MF328W140Q90-D050A6A10107N-1414-CA	50mm	24V	14.4	5000k <sup>+400</sup> / <sub>-300</sub>	>90	643	196	45	IP67	5m
MF328W140Q90-D060A6A10107N-1414-CA	50mm	24V	14.4	5500k <sup>+400</sup> / <sub>-300</sub>	>90	643	196	45	IP67	5m
MN328U240Q90-D801N6A12106N-1414CE	50mm	24V	10	CCT	>90	426	130	43	IP67	5m
MN344A096Q00-D000O6A12106N-1616CE	62.5mm	24V	10	RGB	N/A	195	59	20	IP67	5m

### Monochrome optical parameter

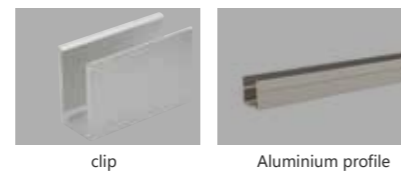
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700K~5500K
Irritation Angle:	120°
Light Efficiency:	40~45Lm/w
Lumen Output/meter:	576~643Lm/m (177~196Lm/ft)

### Monochrome electric parameter

Input Current/m:	0.6(max)A/m(0.19A/ft)
Input Voltage:	DC24V
Power/M:	14.4W/m(4.39W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



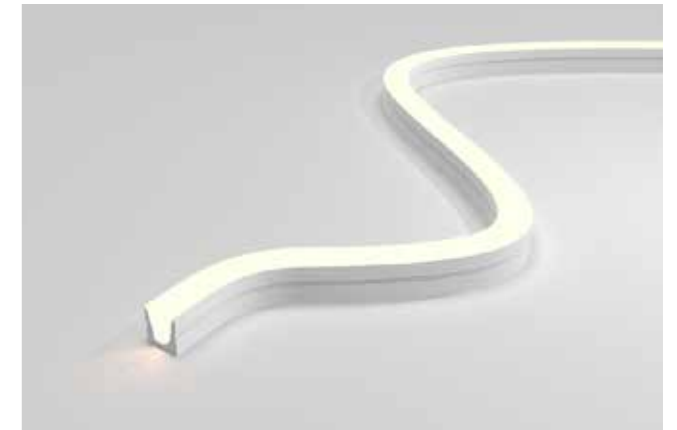
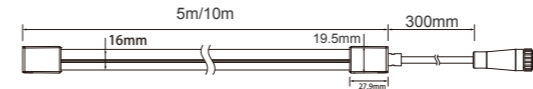
### Accessories



# NEON FLEX

## ● 16\*16mm(Side view)

- High quality 1616 LED Neon Flex, With full range of colors 2700-5500K/RGB;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V140Q90-D027M6A12107N-1616Z	50mm	24V	10	2700k <sup>+200</sup> / <sub>-100</sub>	>90	567	173	57	IP67	5m
MN328V140Q90-D030M6A12107N-1616Z	50mm	24V	10	3000k <sup>+300</sup> / <sub>-200</sub>	>90	599	182	60	IP67	5m
MN328W140Q90-D040M6A12107N-1616Z	50mm	24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>90	630	192	63	IP67	5m
MN328W140Q90-D050M6A12107N-1616Z	50mm	24V	10	5000k <sup>+400</sup> / <sub>-300</sub>	>90	630	192	63	IP67	5m
MN328W140Q90-D065M6A12107N-1616Z	50mm	24V	10	5500k <sup>+400</sup> / <sub>-300</sub>	>90	630	192	63	IP67	5m
MN350A096Q00-D000O6A12106N-1616Z	62.5mm	24V	10	RGB	>90	195	59	20	IP67	5m
MN350Z196Q00-D000P6A12106N-1616Z	71.4mm	24V	10	RGBW	>90	N/A	N/A	N/A	IP67	5m
MN328U240Q90-D801N6A12106N-1616CE	50mm	24V	10	CCT	>90	426	130	43	IP67	5m

### Monochrome optical parameter

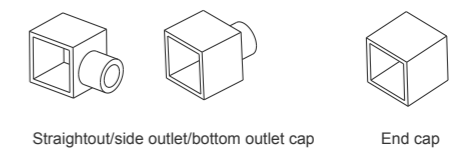
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700K~5500K/RGB/RGBW
Irritation Angle:	120°
Light Efficiency:	57~63Lm/w
Lumen Output/meter:	195~630Lm/m (59~192Lm/ft)

### Monochrome electric parameter

Input Current/m:	0.4(max)A/m (0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



### Accessories

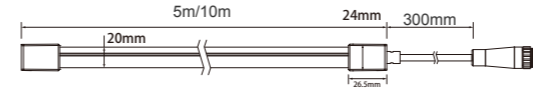




# NEON FLEX

## ● 12\*20mm(Side view)

- High quality 1220 LED Neon Flex, With full range of colors 2700-5500K/RGB/RGBW;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



IP67 SILICON EXTRUSION

Item Code	Cutting Length (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V140Q90-D027M6A12107N-1220C	50mm	24V	15	2700k <sup>+100</sup> <sub>-100</sub>	>90	376	115	25	IP67	5m
MN328V140Q90-D030M6A12107N-1220C	50mm	24V	15	3000k <sup>+100</sup> <sub>-100</sub>	>90	361	110	24	IP67	5m
MN328W140Q90-D040M6A12107N-1220C	50mm	24V	15	4000k <sup>+100</sup> <sub>-100</sub>	>90	445	136	30	IP67	5m
MN328W140Q90-D050M6A12107N-1220C	50mm	24V	15	5000k <sup>+100</sup> <sub>-100</sub>	>90	445	136	30	IP67	5m
MN328W140Q90-D065M6A12107N-1220C	50mm	24V	15	5500k <sup>+100</sup> <sub>-100</sub>	>90	441	134	29	IP67	5m
MN350A096Q00-D000O6A12106N-1220C	62.5mm	24V	10	RGB	N/A	124	38	12	N/A	5m
MN350Z196Q00-D000P6A12106N-1220C	71.4mm	24V	10	RGBW	N/A	N/A	N/A	N/A	N/A	5m
MN328W140A90-D040A6A12107C-1220CA	50mm	CC24V	14	4000k <sup>+100</sup> <sub>-100</sub>	>90	518	158	36	IP67	14m

## 3D 16\*16mm

- Can be bent in any direction
- High luminous efficiency
- Resistance to saline solutions, acids&alkali, corrosive gases and UV

### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700K~5500K/RGB/RGBW
Irritation Angle:	120°
Light Efficiency:	25~30Lm/w
Lumen Output/meter:	361~445Lm/m (110~136Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.625(max)A/m(0.19A/ft)
Input Voltage:	DC24V
Power/M:	15W/m(4.58W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	Monochrome:50mm RGB:62.5mm RGBW:71.4mm
LEDs of Section	Monochrome:7LEDs RGB:6LEDs RGBW:14LEDs

### Accessories

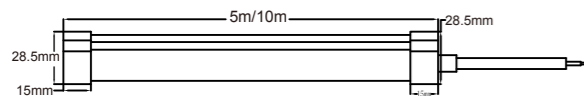




# NEON FLEX

## ● 12\*25mm(Side view)

- High quality 1225 LED Neon Flex,With full range of colors 2400-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V140Q90-D027M6A12107N-1225C	50mm	24V	10	2700k	>90	292	98	29.2	IP65	5m
MN328V140Q90-D030M6A12107N-1225C	50mm	24V	10	3000k	>90	308	103	30.8	IP65	5m
MN328W140Q90-D040M6A12107N-1225C	50mm	24V	10	4000k	>90	324	108	32.4	IP65	5m
MN328W140Q90-D050M6A12107N-1225C	50mm	24V	10	5000k	>90	327	109	32.7	IP65	5m
MN328W140Q90-D065M6A12107N-1225C	50mm	24V	10	6500k	>90	330	110	33	IP65	5m
MN328W140A90-D040A6A12107C-1225CA	50mm	CC24V	14.4	4000k	>90	432	132	30	IP65	14m
MN328U240Q90-D801N6A12106N-1225CE	50mm	24V	10	CCT	>90	267	81	27	IP65	5m
MN344A096Q00-D000O6A12106N-1225CE	62.5mm	24V	10	RGB	N/A	124	38	12	IP65	5m
MN328Z196Q90-D027P6A12107N-1225CE	71.4mm	24V	10	RGBW	N/A	N/A	N/A	N/A	IP65	5m

### Monochrome optical parameter

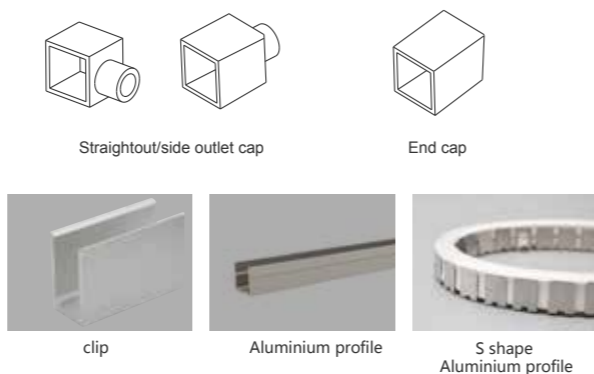
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2400K~5500K
Irritation Angle:	300°
Light Efficiency:	28~33Lm/w
Lumen Output/meter:	276~330Lm/m (84~101Lm/ft)
Energy Grade:	N/A

### Monochrome electric parameter

Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



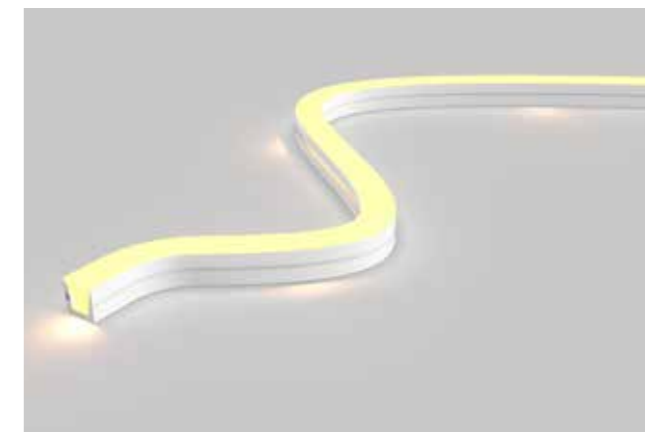
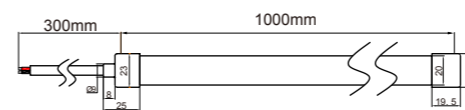
### Accessories



# NEON FLEX

## ● 20\*20mm (Side view)

- High quality 2020 LED Neon Flex,With full range of colors 2400-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328W120Q80-D027A6A12106N-2020CA	50mm	24V	14.4	2700k	>80	666	206	46	IP67	5m
MN328W120Q80-D030A6A12106N-2020CA	50mm	24V	14.4	3000k	>80	703	214	49	IP67	5m
MN328W120Q80-D040A6A12106N-2020CA	50mm	24V	14.4	4000k	>80	740	226	52	IP67	5m
MN328W120Q80-D050A6A12106N-2020CA	50mm	24V	14.4	5000k	>80	740	226	52	IP67	5m
MN328W120Q80-D055A6A12106N-2020CA	50mm	24V	14.4	5500k	>80	740	226	52	IP67	5m
MN328W140A90-D040A6A12107C-2020CA	50mm	CC24V	14.4	4000k	>90	720	220	50	IP67	18m
MN328U240Q90-D801N6A16106N-2020CE	50mm	24V	10	CCT	>90	426	130	43	IP67	5m

### Monochrome optical parameter

LED Type:	SMD2835
Color Rendering Index:	>80
CCT Range:	2700K~5500K
Irritation Angle:	140°
Light Efficiency:	46~52Lm/w
Lumen Output/meter:	666~740Lm/m (206~226Lm/ft)
Energy Grade:	N/A

### Monochrome electric parameter

Input Current/m:	0.6(max)A/m(0.19A/ft)
Input Voltage:	DC24V
Power/M:	14.4W/m(4.39W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	6 LEDs



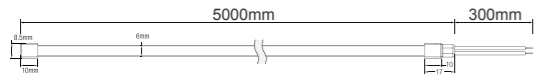
### Accessories



# NEON FLEX

## 06\*06mm(Top view)

- High quality 0606 LED Neon Flex,With full range of colors 2100-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



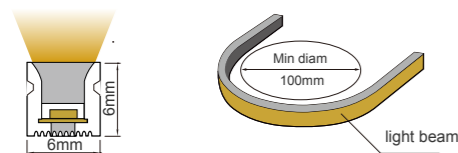
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN329V240Q90-D027A4A04106N-0606ZA	25mm	24V	6	2700k <sup>+200</sup> <sub>-100</sub>	>90	328	100	55	IP67	5m
MN329V240Q90-D030A4A04106N-0606ZA	25mm	24V	6	3000k <sup>+200</sup> <sub>-100</sub>	>90	347	91	58	IP67	5m
MN329V240Q90-D040A4A04106N-0606ZA	25mm	24V	6	4000k <sup>+200</sup> <sub>-100</sub>	>90	365	111	61	IP67	5m
MN329V240Q90-D050A4A04106N-0606ZA	25mm	24V	6	5000k <sup>+300</sup> <sub>-200</sub>	>90	365	111	61	IP67	5m
MN329V240Q90-D065A4A04106N-0606ZA	25mm	24V	6	6500k <sup>+300</sup> <sub>-200</sub>	>90	365	111	28	IP67	5m

### Optical parameter

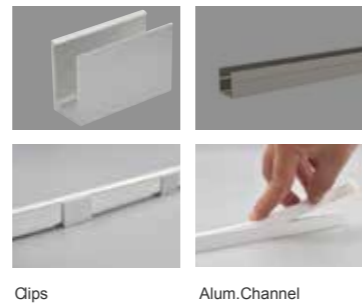
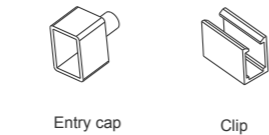
LED Type:	SMD2219
Color Rendering Index:	>90
CCT Range:	2700K~6500K
Irritation Angle:	120°
Light Efficiency:	55~61Lm/w
Lumen Output/meter:	328~365Lm/m (100~111Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.25(max)A/m(0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m((1.83W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m
Size of Section:	25mm(0.98")
LEDs of Section	6 LEDs



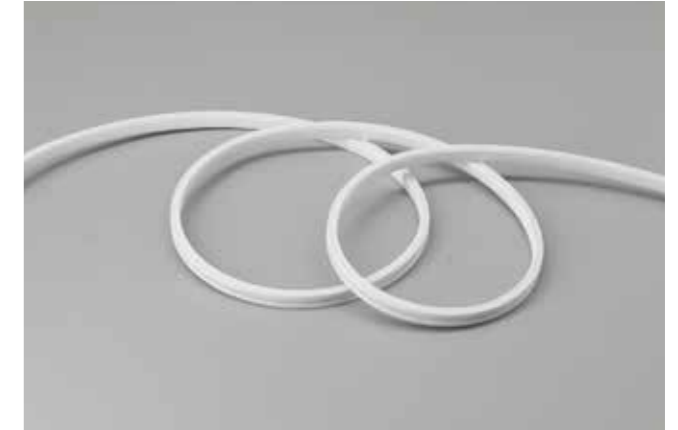
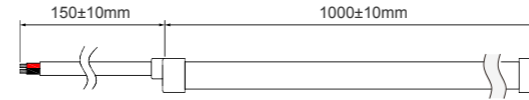
### Accessories



# NEON FLEX

## 08\*08mm(Top view)

- High quality 0808 LED Neon Flex,With full range of colors 2100-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



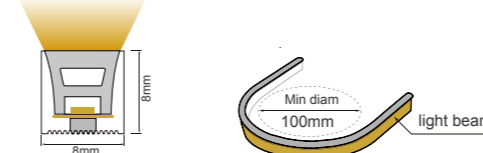
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN322W240Q90-D027A6A06106N-0808ZE	25mm	24V	9.6	2400k <sup>+200</sup> <sub>-100</sub>	>90	467	142	49	IP65	5m
MN322W240Q90-D030A6A06106N-0808ZE	25mm	24V	9.6	2700k <sup>+200</sup> <sub>-100</sub>	>90	493	150	51	IP65	5m
MN322W240Q90-D040A6A06106N-0808ZE	25mm	24V	9.6	3000k <sup>+200</sup> <sub>-100</sub>	>90	519	158	54	IP65	5m
MN322W240Q90-D050A6A06106N-0808ZE	25mm	24V	9.6	4000k <sup>+300</sup> <sub>-200</sub>	>90	519	158	54	IP65	5m
MN322W240Q90-D065A6A06106N-0808ZE	25mm	24V	9.6	5000k <sup>+400</sup> <sub>-300</sub>	>90	519	158	54	IP65	5m
MF228A120A00-D000K6A06106-0808ZE	41.6mm	24V	9.6	RGB	N/A	356	109	37	IP65	5m

### Optical parameter

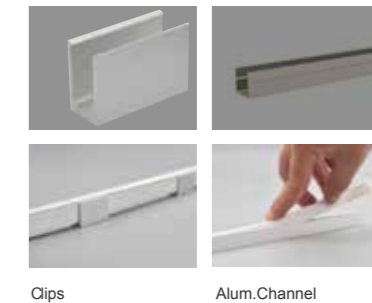
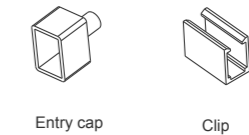
LED Type:	SMD2216 for monochrome;SMD2835 for RGB
Color Rendering Index:	>90
CCT Range:	2700K~6500K
Irritation Angle:	120°
Light Efficiency:	37~54Lm/w
Lumen Output/meter:	356~519Lm/m (109~158Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.2(max)A/m (0.06A/ft)
Input Voltage:	DC24V
Power/M:	9.6W/m(2.93W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	240LEDs/m for monochrome;168LEDs/m for RGB
Size of Section:	Monochrome:25mm RGB:41.6mm
LEDs of Section	Monochrome:6LEDs RGB:7LEDs



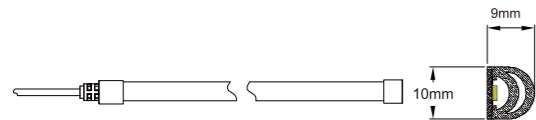
### Accessories



# NEON FLEX

## ● 09\*10mm(Top view)

- High quality 0910 LED Neon Flex,With full range of colors 2100-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



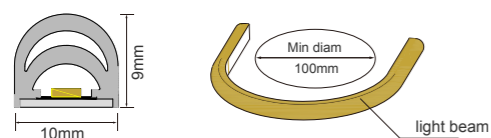
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN322V192Q90-D021M6A06106N-0910Z	31.25mm	24V	10	2100k <sup>+200</sup> / <sub>-100</sub>	>90	563	172	56	IP65	5m
MN322V192Q90-D024M6A06106N-0910Z	31.25mm	24V	10	2400k <sup>+200</sup> / <sub>-100</sub>	>90	589	180	59	IP65	5m
MN322V192Q90-D027M6A06106N-0910Z	31.25mm	24V	10	2700k <sup>+200</sup> / <sub>-100</sub>	>90	668	204	67	IP65	5m
MMN322V192Q90-D030M6A06106N-0910Z	31.25mm	24V	10	3000k <sup>+300</sup> / <sub>-200</sub>	>90	681	204	68	IP65	5m
MN328W192Q90-D040M6A06106N-0910Z	31.25mm	24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>90	720	220	72	IP65	5m
MN328W192Q90-D050M6A06106N-0910Z	31.25mm	24V	10	5000k <sup>+400</sup> / <sub>-300</sub>	>90	720	220	72	IP65	5m
MN328W192Q90-D055M6A06106N-0910Z	31.25mm	24V	10	5500k <sup>+400</sup> / <sub>-300</sub>	>90	720	220	72	IP65	5m

### Optical parameter

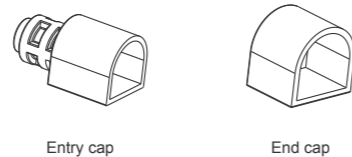
LED Type:	SMD2216
Color Rendering Index:	>90
CCT Range:	2100K~5500K
Irritation Angle:	160°
Light Efficiency:	56~72Lm/w
Lumen Output/meter:	563~720Lm/m (172~220Lm/ft)
Energy Grade:	<b>N/A</b>

### Electric parameter

Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m (3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	192LEDs/m
Size of Section:	31.25mm(1.23")
LEDs of Section	6 LEDs



### Accessories



PVC Mounting Clips

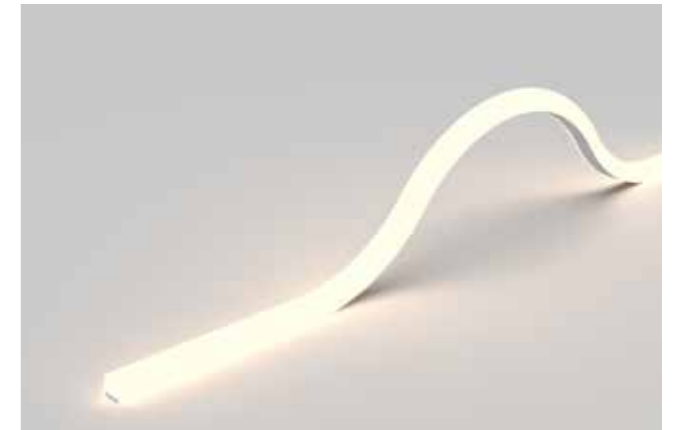
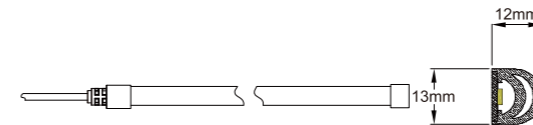


PC profile

# NEON FLEX

## ● 13\*12mm(Top view)

- High quality 1312 LED Neon Flex,With full range of colors 2400-5500K/RGB;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



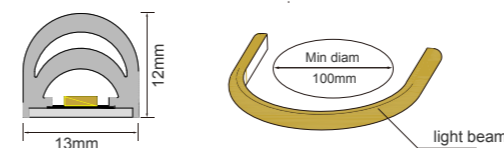
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V140Q90-D024M6A10106N-1312Z	50mm	24V	10	2400k <sup>+200</sup> / <sub>-100</sub>	>90	714	218	71	IP65	5m
MN328V140Q90-D027M6A10106N-1312Z	50mm	24V	10	2700k <sup>+200</sup> / <sub>-100</sub>	>90	765	233	77	IP65	5m
MN328V140Q90-D030M6A10106N-1312Z	50mm	24V	10	3000k <sup>+200</sup> / <sub>-100</sub>	>90	808	246	81	IP65	5m
MN328W140Q90-D040M6A10106N-1312Z	50mm	24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>90	850	259	85	IP65	5m
MN328W140Q90-D050M6A10106N-1312Z	50mm	24V	10	5000k <sup>+300</sup> / <sub>-200</sub>	>90	850	259	85	IP65	5m
MN328W140Q90-D055M6A10106N-1312Z	50mm	24V	10	5500k <sup>+400</sup> / <sub>-300</sub>	>90	850	259	85	IP65	5m
MN350A108Q00-D000O6A10106N-1312Z	50mm	24V	10	RGB	N/A	N/A	N/A	N/A	IP65	5m

### Optical parameter

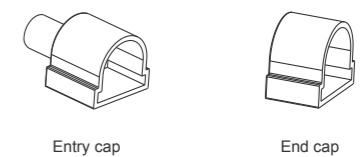
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2400K~5500K/RGB
Irritation Angle:	160°
Light Efficiency:	71~85Lm/w
Lumen Output/meter:	714~850Lm/m (218~259Lm/ft)
Energy Grade:	<b>N/A</b>

### Electric parameter

Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m (3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



### Accessories



PVC Mounting Clips



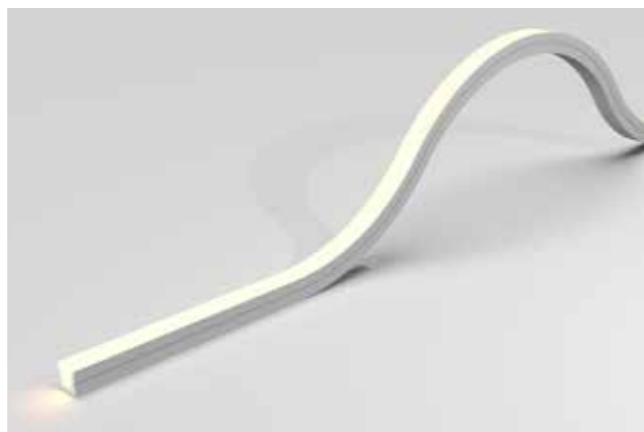
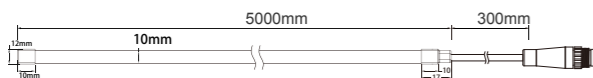
PC profile



# NEON FLEX

## 10\*10mm(Top view)

- High quality 1010 LED Neon Flex,With full range of colors 2100-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



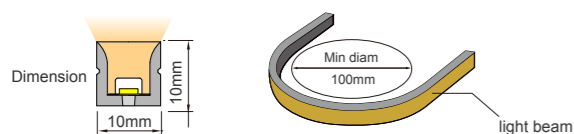
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V168Q90-D021M6A07108N-1010Z	41.6mm	24V	10	2100k <sup>+200</sup> / <sub>-100</sub>	>90	640	195	64	IP67	5m
MN328V168Q90-D024M6A07108N-1010Z	41.6mm	24V	10	2400k <sup>+300</sup> / <sub>-200</sub>	>90	700	213	70	IP67	5m
MN328V168Q90-D027M6A07108N-1010Z	41.6mm	24V	10	2700k <sup>+200</sup> / <sub>-100</sub>	>90	750	229	75	IP67	5m
MMN328V168Q90-D030M6A07108N-1010Z	41.6mm	24V	10	3000k <sup>+300</sup> / <sub>-200</sub>	>90	760	232	76	IP67	5m
MN328W168Q90-D040M6A07108N-1010Z	41.6mm	24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>90	780	238	78	IP67	5m
MN328W168Q90-D050M6A07108N-1010Z	41.6mm	24V	10	5000k <sup>+400</sup> / <sub>-300</sub>	>90	780	238	78	IP67	5m
MN328W168Q90-D055M6A07108N-1010Z	41.6mm	24V	10	5500k <sup>+400</sup> / <sub>-300</sub>	>90	780	238	78	IP67	5m
MN328W168A90-D040A6A08106C-1010ZA	35.71mm	CC24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>90	600	183	60	IP67	13m

### Optical parameter

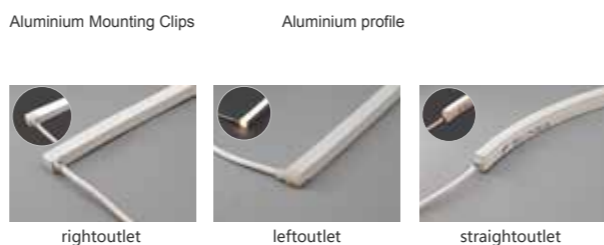
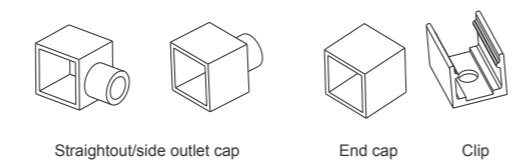
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700K~5500K
Irritation Angle:	120°
Light Efficiency:	64~78Lm/w
Lumen Output/meter:	640~780Lm/m (195~238Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	168LEDs/m
Size of Section:	41.6mm(0.136")
LEDs of Section	7 LEDs



### Accessories



# NEON FLEX

## 10\*10mm (Trihedral luminescence)

- High quality 1010 LED Neon Flex,With full range of colors 2100-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing,Anti-UV,saline-alkali-resistance;
- Uniform light,No light spot, Could be different shapes;
- 5 years warranty.



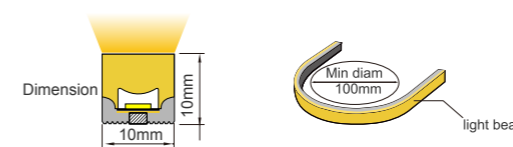
Item Code	CuttingLength (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V168Q90-D024M6A07107N-1010SE	41.6mm	24V	10	2400k <sup>+200</sup> / <sub>-100</sub>	>90	730	223	73	IP67	5m
MN328V168Q90-D027M6A07107N-1010SE	41.6mm	24V	10	2700k <sup>+200</sup> / <sub>-100</sub>	>90	780	238	78	IP67	5m
MN328V168Q90-D030M6A07107N-1010SE	41.6mm	24V	10	3000k <sup>+200</sup> / <sub>-100</sub>	>90	790	241	79	IP67	5m
MN328V168Q90-D040M6A07107N-1010SE	41.6mm	24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>90	800	244	80	IP67	5m
MN328V168Q90-D050M6A07107N-1010SE	41.6mm	24V	10	5000k <sup>+300</sup> / <sub>-200</sub>	>90	800	244	80	IP67	5m
MN328V168Q90-D055M6A07107N-1010SE	41.6mm	24V	10	5500k <sup>+400</sup> / <sub>-300</sub>	>90	800	244	80	IP67	5m

### Optical parameter

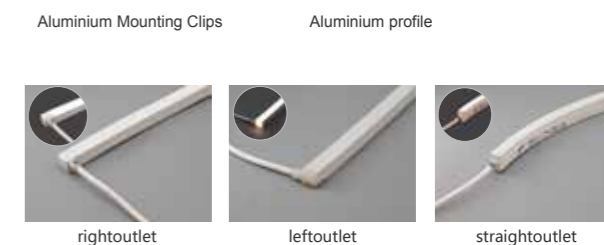
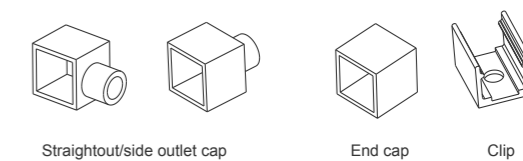
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2400K~5500K/RGB
Irritation Angle:	160°
Light Efficiency:	73~80Lm/w
Lumen Output/meter:	730~800Lm/m (223~244Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	168LEDs/m
Size of Section:	41.6mm(0.136")
LEDs of Section	7 LEDs



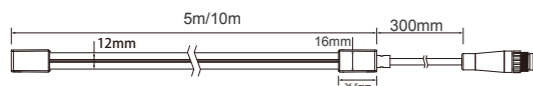
### Accessories



# NEON FLEX

## 12\*12mm(Top view)

- High quality 1212 LED Neon Flex, With full range of colors 2400-5500K/RGB;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



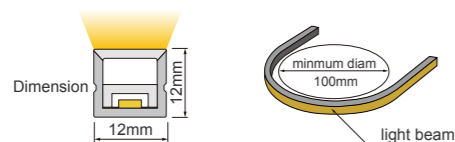
Item Code	Cutting Length (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V140Q90-D027M6A08107N-1212Z	50mm	24V	10	2700k <sup>+200</sup> / <sub>-100</sub>	>90	588	178	59	IP67	5m
MN328V140Q90-D030M6A08107N-1212Z	50mm	24V	10	3000k <sup>+200</sup> / <sub>-200</sub>	>90	618	188	62	IP67	5m
MN328W140Q90-D040M6A08107N-1212Z	50mm	24V	10	4000k <sup>+300</sup> / <sub>-200</sub>	>90	650	198	65	IP67	5m
MN328W140Q90-D050M6A08107N-1212Z	50mm	24V	10	5000k <sup>+400</sup> / <sub>-300</sub>	>90	650	198	65	IP67	5m
MN328W140Q90-D065M6A08107N-1212Z	50mm	24V	10	5500k <sup>+400</sup> / <sub>-300</sub>	>90	650	198	65	IP67	5m
MN350A120Q00-D000O6A09106N-1212Z	50mm	24V	10	RGB	N/A	N/A	N/A	N/A	IP67	5m
MN328W140Q90-D040A6A08107C-1212ZA	50mm	CC24V	9	4000k <sup>+200</sup> / <sub>-100</sub>	>90	630	192	70	IP67	10m

### Optical parameter

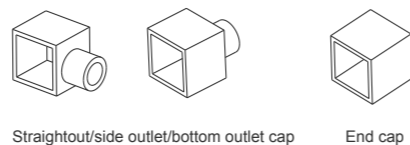
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700K/5500K/RGB
Irritation Angle:	120°
Light Efficiency:	55~65Lm/w
Lumen Output/meter:	553~650Lm/m (168~198Lm/ft)
Energy Grade:	N/A

### Electric parameter

Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



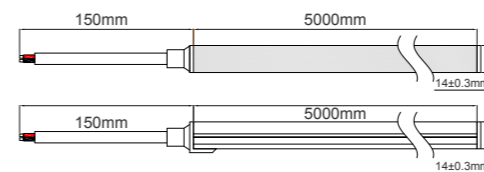
### Accessories



# NEON FLEX

## 14\*14mm(Top view)

- High quality 1414 LED Neon Flex, With full range of colors 2700-5500K/RGB;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



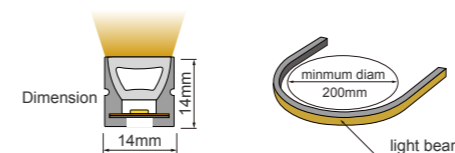
Item Code	Cutting Length (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328W140Q90-D040A6A12107N-1414ZD	50mm	24V	14.4	2700k <sup>+200</sup> / <sub>-100</sub>	>90	664	202	46	IP67	5m
MN328W140Q90-D040A6A12107N-1414ZD	50mm	24V	14.4	3000k <sup>+300</sup> / <sub>-200</sub>	>90	701	214	49	IP67	5m
MN328W140Q90-D040A6A12107N-1414ZD	50mm	24V	14.4	4000k <sup>+300</sup> / <sub>-200</sub>	>90	738	225	51	IP67	5m
MN328W140Q90-D040A6A12107N-1414ZD	50mm	24V	14.4	5000k <sup>+400</sup> / <sub>-300</sub>	>90	738	225	51	IP67	5m
MN328W140Q90-D040A6A12107N-1414ZD	50mm	24V	14.4	5500k <sup>+400</sup> / <sub>-300</sub>	>90	738	225	51	IP67	5m
MN350Z112Q90-D030K6A12108N-1414ZB	71.43mm	24V	10	RGBW	N/A	N/A	N/A	N/A	IP67	5m
MN350A084Q00-D000V6A10107S-1414CA	83.33mm	24V	14.4	SPI RGB	N/A	N/A	N/A	N/A	IP67	5m

### Optical parameter

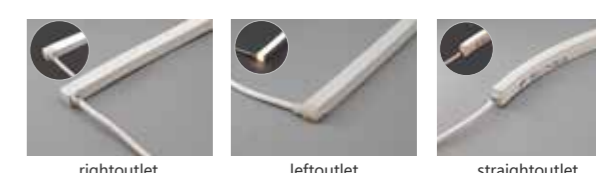
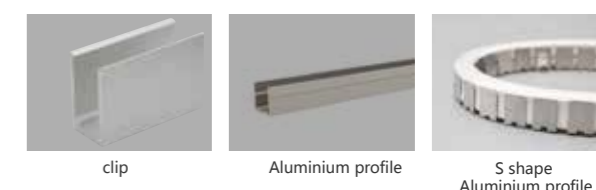
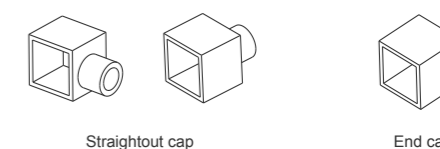
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700K/5500K/RGBW/SPI RGB
Irritation Angle:	120°
Light Efficiency:	46~51Lm/w
Lumen Output/meter:	664~738Lm/m (202~225Lm/ft)

### Electric parameter

Input Current/m:	0.6/0.42(max)A/m(0.19/0.13A/ft)
Input Voltage:	DC24V
Power/M:	14.4/10W/m(4.39/3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140/112/84LEDs/m
Size of Section:	50/71.43/83.33mm
LEDs of Section	7/8/7 LEDs



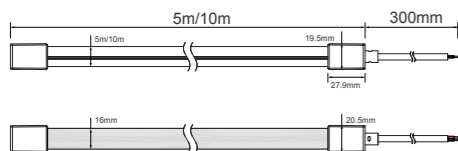
### Accessories



# NEON FLEX

## 16\*16mm(Top view)

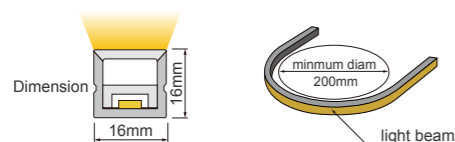
- High quality 1616 LED Neon Flex, With full range of colors 2700-5500K/RGB;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



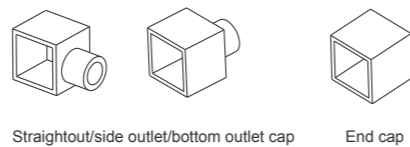
Item Code	Cutting Length (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V140Q90-D027A6A12107C-1616ZA	50mm	24V	14.4	2700k	>90	317	97	22	IP67	5m
MN328V140Q90-D030A6A12107C-1616ZA	50mm	24V	14.4	3000k	>90	792	242	55	IP67	5m
MN328V140Q90-D040A6A12107C-1616ZA	50mm	24V	14.4	4000k	>90	835	255	58	IP67	5m
MN328V140Q90-D050A6A12107C-1616ZA	50mm	24V	14.4	5000k	>90	352	107	24	IP67	5m
MN328V140Q90-D055A6A12107C-1616ZA	50mm	24V	14.4	5500k	>90	350	107	24	IP67	5m
MN328U240Q90-D801N6A12106N-1616ZE	50mm	24V	10	CCT	>90	555	169	56	IP67	5m
MN344A096Q00-D000O6A12106N-1616ZE	62.5mm	24V	10	RGB	N/A	254	77	25	IP67	5m
MN328Z196Q90-D027P6A12107N-1616ZE	71.5mm	24V	10	RGBW	N/A	N/A	N/A	N/A	IP67	5m

Optical parameter	
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2700/3000/4000/5000/5500K
Irritation Angle:	120°
Light Efficiency:	22~58Lm/w
Lumen Output/meter:	317~835Lm/m (97~255Lm/ft)

Electric parameter	
Input Current/m:	0.6(max)A/m(0.19A/ft)
Input Voltage:	DC24V
Power/M:	14.4W/m(4.39W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



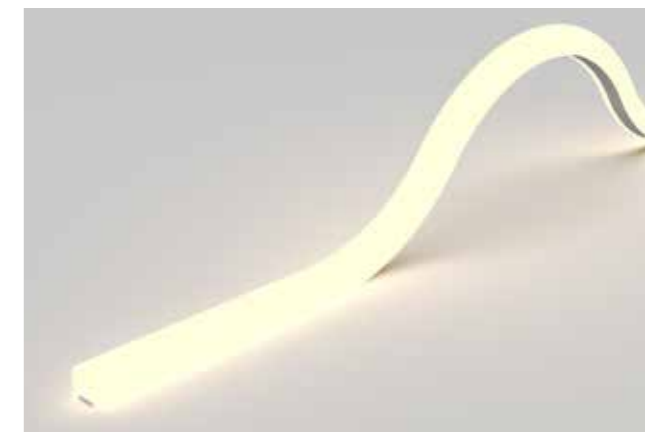
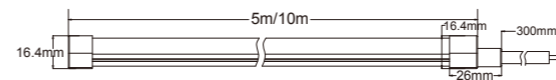
### Accessories



# NEON FLEX

## 15\*14mm(Top view)

- High quality 1514 LED Neon Flex, With full range of colors 2400-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.

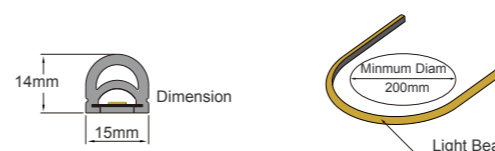


Item Code	Cutting Length (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V120A90-D027M6A12106N-1514Z	50mm	24V	10	2700k	>90	720	240	72	IP65	5m
MN328V120A90-D030M6A12106N-1514Z	50mm	24V	10	3000k	>90	760	254	76	IP65	5m
MN328V120A90-D040M6A12106N-1514Z	50mm	24V	10	4000k	>90	800	267	80	IP65	5m
MN328V120A90-D050M6A12106N-1514Z	50mm	24V	10	5000k	>90	808	270	80.8	IP65	5m
MN328V120A90-D065M6A12106N-1514Z	50mm	24V	10	5500k	>90	816	272	81.6	IP65	5m
MN350A096Q00-D000O6A12106N-1514ZE	62.5mm	24V	10	RGB	N/A	124	38	12	IP65	5m
MN328Z196Q90-D027P6A12107N-1514ZE	71.4mm	24V	10	RGBW	N/A	N/A	N/A	N/A	IP65	5m

Monochrome optical parameter	
LED Type:	SMD2835
Color Rendering Index:	>90
CCT Range:	2400K~5500K
Irritation Angle:	140°
Light Efficiency:	68~82Lm/w
Lumen Output/meter:	680~816Lm/m (207~249Lm/ft)
Energy Grade:	N/A

Monochrome electric parameter	
Input Current/m:	0.4(max)A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	6 LEDs

### Accessories

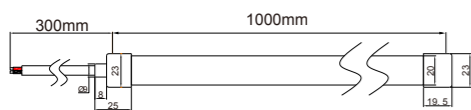




# NEON FLEX

## ● 20\*20mm (Top view)

- High quality 2020 LED Neon Flex, With full range of colors 2400-5500K;
- Light source 1Bin/2Bin ; CRI>90;
- Anti-yellowing, Anti-UV, saline-alkali-resistance;
- Uniform light, No light spot, Could be different shapes;
- 5 years warranty.



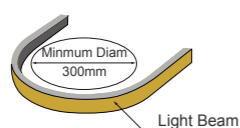
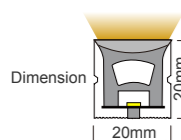
Item Code	Cutting Length (Min.)	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	Max.run length
MN328V120Q80-D027A6A12206N-2020ZA	50mm	24V	14.4	2700k	>80	864	263	60	IP67	5m
MN328V120Q80-D030A6A12206N-2020ZA	50mm	24V	14.4	3000k	>80	912	278	63	IP67	5m
MN328V120Q80-D040A6A12206N-2020ZA	50mm	24V	14.4	4000k	>80	960	293	68	IP67	5m
MN328V120Q80-D050A6A12206N-2020ZA	50mm	24V	14.4	5000k	>80	960	293	68	IP67	5m
MN328V120Q80-D065A6A12206N-2020ZA	50mm	24V	14.4	6500k	>80	960	293	69	IP67	5m
MN328W120A90-D040A6A12107C-2020ZA	50mm	CC24V	14.4	4000k	>90	864	263	60	IP67	18m
MN328U240Q90-D801N6A16106N-2020ZE	50mm	24V	10	CCT	>90	426	130	43	IP67	5m

### Monochrome optical parameter

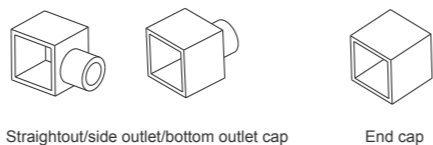
LED Type:	SMD2835
Color Rendering Index:	>80
CCT Range:	2700K~5500K
Irritation Angle:	120°
Light Efficiency:	60~69Lm/w
Lumen Output/meter:	864~990Lm/m (263~302Lm/ft)
Energy Grade:	N/A

### Monochrome Electric parameter

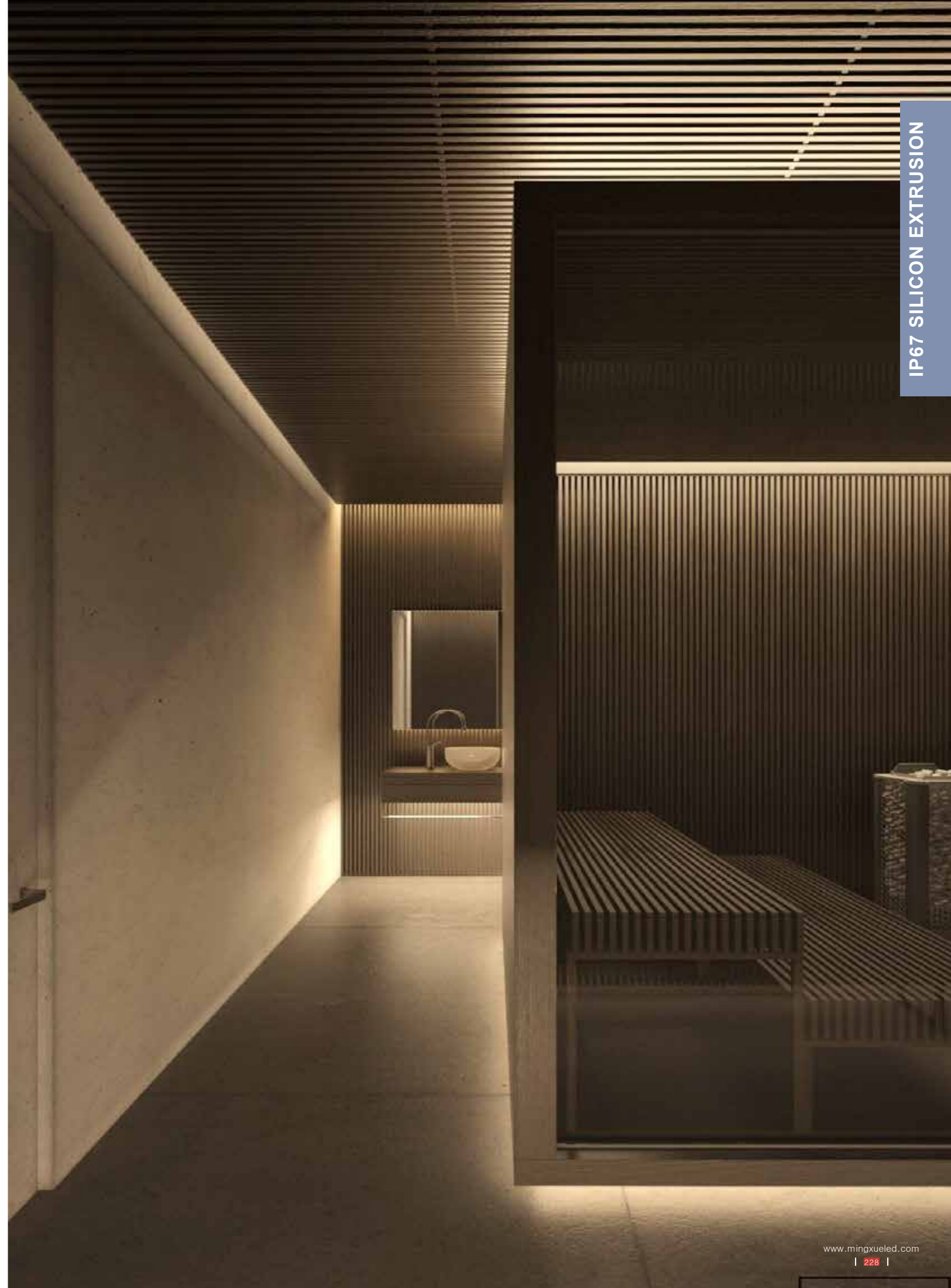
Input Current/m:	0.6(max)A/m(0.19A/ft)
Input Voltage:	DC24V
Power/M:	14.4W/m(4.39W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	6 LEDs



### Accessories



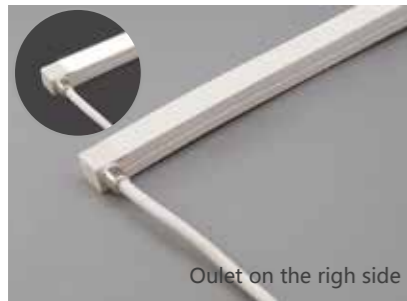
IP67 SILICON EXTRUSION



# Outlet type of the molding head

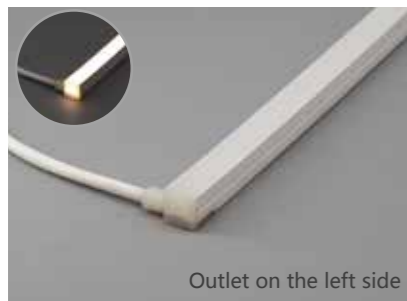
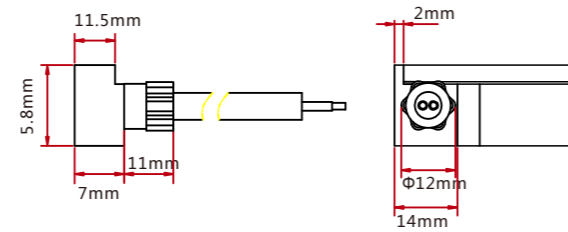
## Injection-moulded

Note: Unless otherwise stated, the tolerance of the connector is  $\pm 0.5\text{mm}$ .



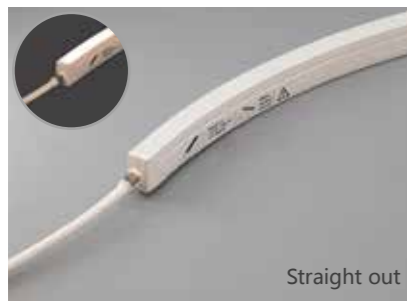
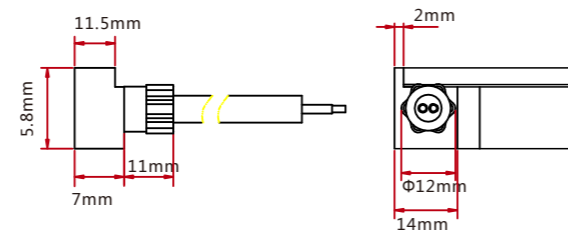
### Injection-moulded Front Connector (side)

Connects light to power supply with pre-installed side feed cable, IP67. Cable length available in 0.3m, 1m, 3m, 5m, 10m, 15m, 20m.



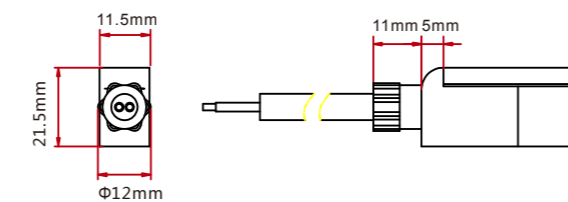
### Injection-moulded Front Connector (side)

Connects light to power supply with pre-installed side feed cable, IP67. Cable length available in 0.3m, 1m, 3m, 5m, 10m, 15m, 20m.



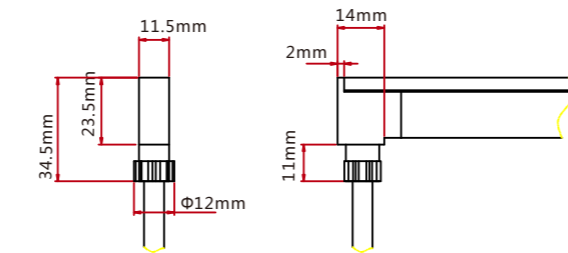
### Injection-moulded Front Connector (top end)

Connects light to power supply with pre-installed end feed cable, IP67. Cable length available in 0.3m, 1m, 3m, 5m, 10m, 15m, 20m.



### Injection-moulded Front Connector (bottom)

Connects light to power supply with pre-installed bottom feed cable, IP67. Cable length available in 0.3m, 1m, 3m, 5m, 10m, 15m, 20m.



Difference Neon dimensions are available With fast connect and install accessories.

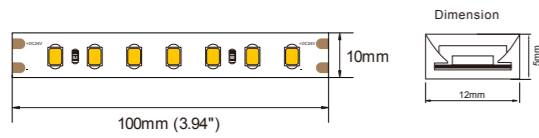
Note: For injection model, it is available for neonflex MX1212; MX1615; MX1220. We can customize both the length of the cable and neonflex according to the customer's needs.

# IP67 LED STRIP

# SILICON EXTRUSION

## 2835SMD/70LED

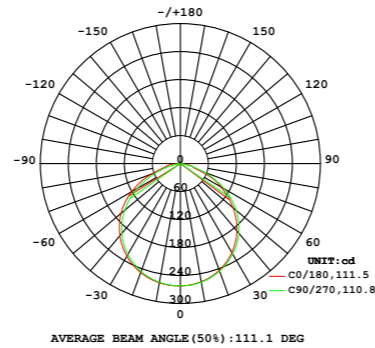
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328V070Q80-D0270M6A10107N	70	24V	6	2700k	80/90	648/576	202/180	108/96	IP67	10mm
MF328V070Q80-D030M6A10107N	70	24V	6	3000k	80/90	690/594	215/185	115/99	IP67	10mm
MF328W070Q80-D040M6A10107N	70	24V	6	4000k	80/90	720/612	225/191	120/102	IP67	10mm
MF328W070Q80-D050M6A10107N	70	24V	6	5000k	80/90	726/624	226/195	121/104	IP67	10mm
MF328W070Q80-D060M6A10107N	70	24V	6	6000k	80/90	726/624	226/195	121/104	IP67	10mm

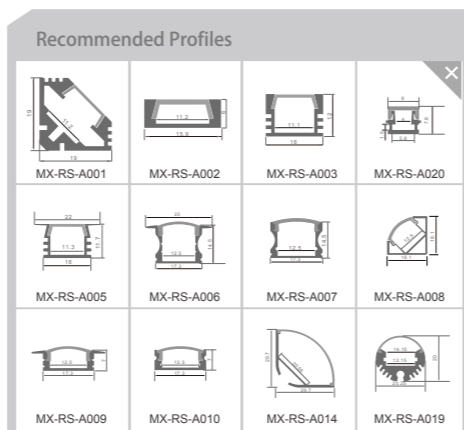
### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	96~121Lm/w
Lumen Output/meter:	576~726Lm/m (180~226Lm/ft)
Energy Grade:	E



### Electric parameter

Input Current/m:	0.25A/m(0.08A/ft)
Input Voltage:	DC24V
Power/M:	6W/m(1.8W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	70LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	7 LEDs



### Waterproof Rate

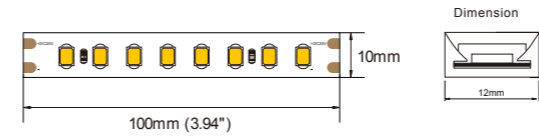


# IP67 LED STRIP

# SILICON EXTRUSION

## 2835SMD/80LED

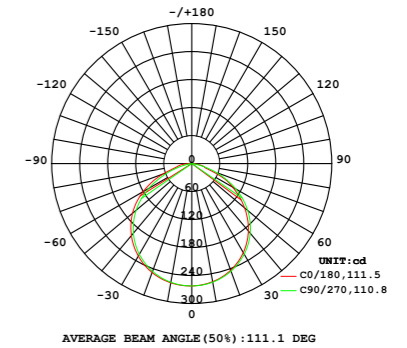
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328V080Q80-D0280M6A10108N	80	24V	7.2	2700k	80/90	891/774	271/236	124/107	IP67	10mm
MF328V080Q80-D030M6A10108N	80	24V	7.2	3000k	80/90	931/805	283/245	129/119	IP67	10mm
MF328W080Q80-D040M6A10108N	80	24V	7.2	4000k	80/90	990/855	301/260	137/119	IP67	10mm
MF328W080Q80-D050M6A10108N	80	24V	7.2	5000k	80/90	1,003/873	305/266	139/121	IP67	10mm
MF328W080Q80-D060M6A10108N	80	24V	7.2	6000k	80/90	1,017/882	310/269	141/122	IP67	10mm

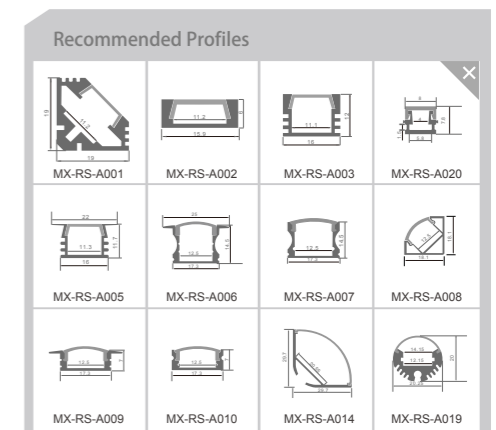
### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	107~141Lm/w
Lumen Output/meter:	774~1017Lm/m (236~310Lm/ft)
Energy Grade:	E/F



### Electric parameter

Input Current/m:	0.3A/m (0.09A/ft)
Input Voltage:	DC24V
Power/M:	7.2W/m (2.25W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	80LEDs/m
Size of Section:	100mm(3.94")
LEDs of Section	8 LEDs



### Waterproof Rate



IP67 SILICON EXTRUSION

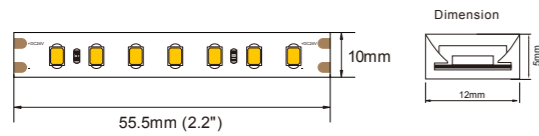


# IP67 LED STRIP

# SILICON EXTRUSION

## 2835SMD/126LED

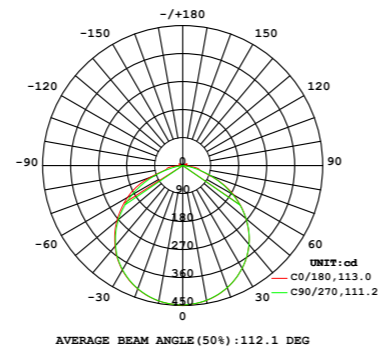
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328V126Q80-D0270M6A10107N	126	24V	10	2700k	80/90	1,180 1,010	360 307	118 101	IP67	10mm
MF328V126Q80-D030M6A10107N	126	24V	10	3000k	80/90	1,240 1,050	378 320	124 105	IP67	10mm
MF328W126Q80-D040M6A10107N	126	24V	10	4000k	80/90	1,314 1,131	400 345	131 113	IP67	10mm
MF328W126Q80-D050M6A10107N	126	24V	10	5000k	80/90	1,320 1,150	402 350	132 115	IP67	10mm
MF328W126Q80-D060M6A10107N	126	24V	10	6000k	80/90	1,325 1,155	404 352	132 115	IP67	10mm

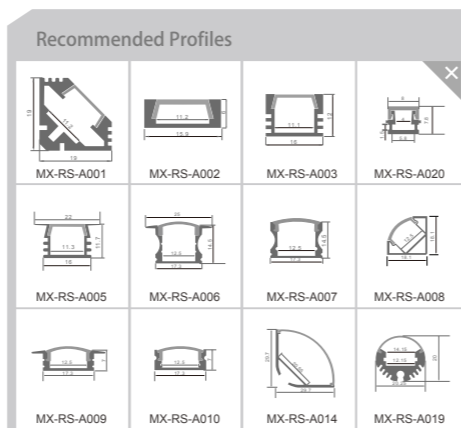
### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	101~132Lm/w
Lumen Output/meter:	1010~1325Lm/m (307~404Lm/ft)
Energy Grade:	E/F



### Electric parameter

Input Current/m:	0.42A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	10W/m(3.05W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	126LEDs/m
Size of Section:	55.5mm(2.2")
LEDs of Section	7 LEDs



### Waterproof Rate



# IP67 LED STRIP

# SILICON EXTRUSION

## 2835SMD/140LED

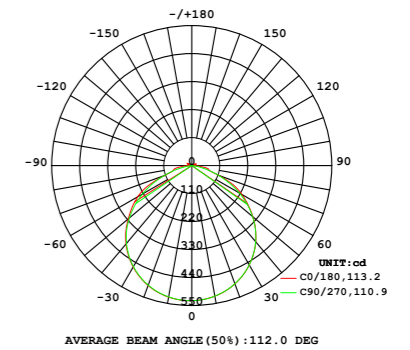
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328V140Q80-D0270M6A10107N	140	24V	12	2700k	80/90	1,269 1,200	87 323	112 88	IP67	10mm
MF328V140Q80-D030M6A10107N	140	24V	12	3000k	80/90	1,340 1,120	408 341	118 93	IP67	10mm
MF328W140Q80-D040M6A10107N	140	24V	12	4000k	80/90	1,410 1,179	430 389	118 98	IP67	10mm
MF328W140Q80-D050M6A10107N	140	24V	12	5000k	80/90	1,410 1,179	430 359	118 98	IP67	10mm
MF328W140Q80-D060M6A10107N	140	24V	12	6000k	80/90	1,410 1,179	430 359	118 98	IP67	10mm

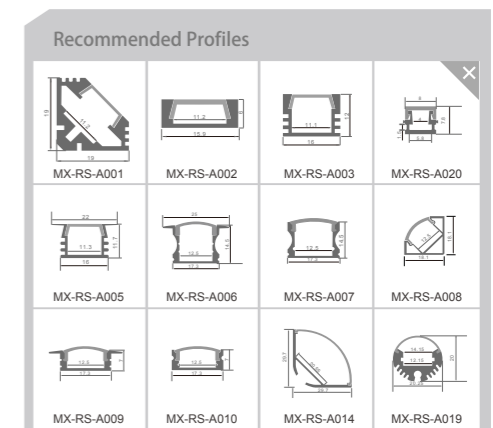
### Optical parameter

LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K/3000K/4000K/5000K/6000K
Irritation Angle:	120°
Light Efficiency:	88~118Lm/w
Lumen Output/meter:	1120~1410Lm/m (341~430Lm/ft)
Energy Grade:	E



### Electric parameter

Input Current/m:	0.5A/m (0.15A/ft)
Input Voltage:	DC24V
Power/M:	12W/m (3.65W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



### Waterproof Rate

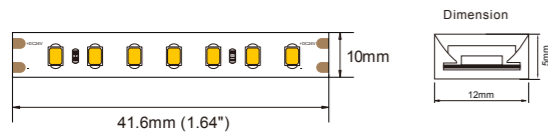


# IP67 LED STRIP

# SILICON EXTRUSION

## 2835SMD/168LED

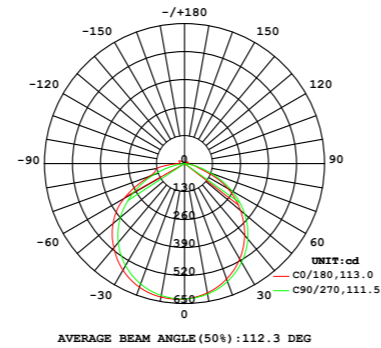
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328V168Q80-D0270M6A10107N	168	24V	14.4	2700k	80/90	1,555 1,399	474 427	108 97	IP67	10mm
MF328V168Q80-D030M6A10107N	168	24V	14.4	3000k	80/90	1,641 1,477	500 450	114 103	IP67	10mm
MF328W168Q80-D040M6A10107N	168	24V	14.4	4000k	80/90	1,728 1,555	527 474	120 108	IP67	10mm
MF328W168Q80-D050M6A10107N	168	24V	14.4	5000k	80/90	1,728 1,555	527 474	120 108	IP67	10mm
MF328W168Q80-D060M6A10107N	168	24V	14.4	6000k	80/90	1,728 1,555	527 474	120 108	IP67	10mm

### Optical parameter

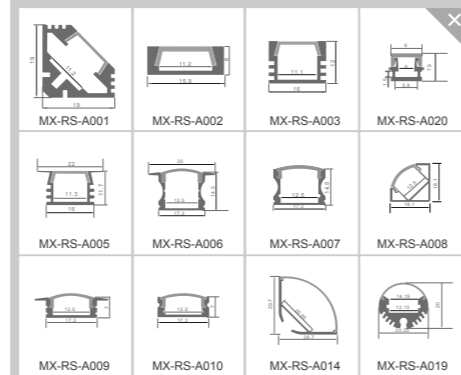
LED Type:	SMD2835
Color Rendering Index:	80/90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	97~120Lm/w
Lumen Output/meter:	1399~1728Lm/m (427~527Lm/ft)
Energy Grade:	<b>E/F</b>



### Electric parameter

Input Current/m:	0.6A/m(0.2A/ft)
Input Voltage:	DC24V
Power/M:	14.4W/m(4.39W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	168LEDs/m
Size of Section:	41.6mm(1.64")
LEDs of Section	7 LEDs

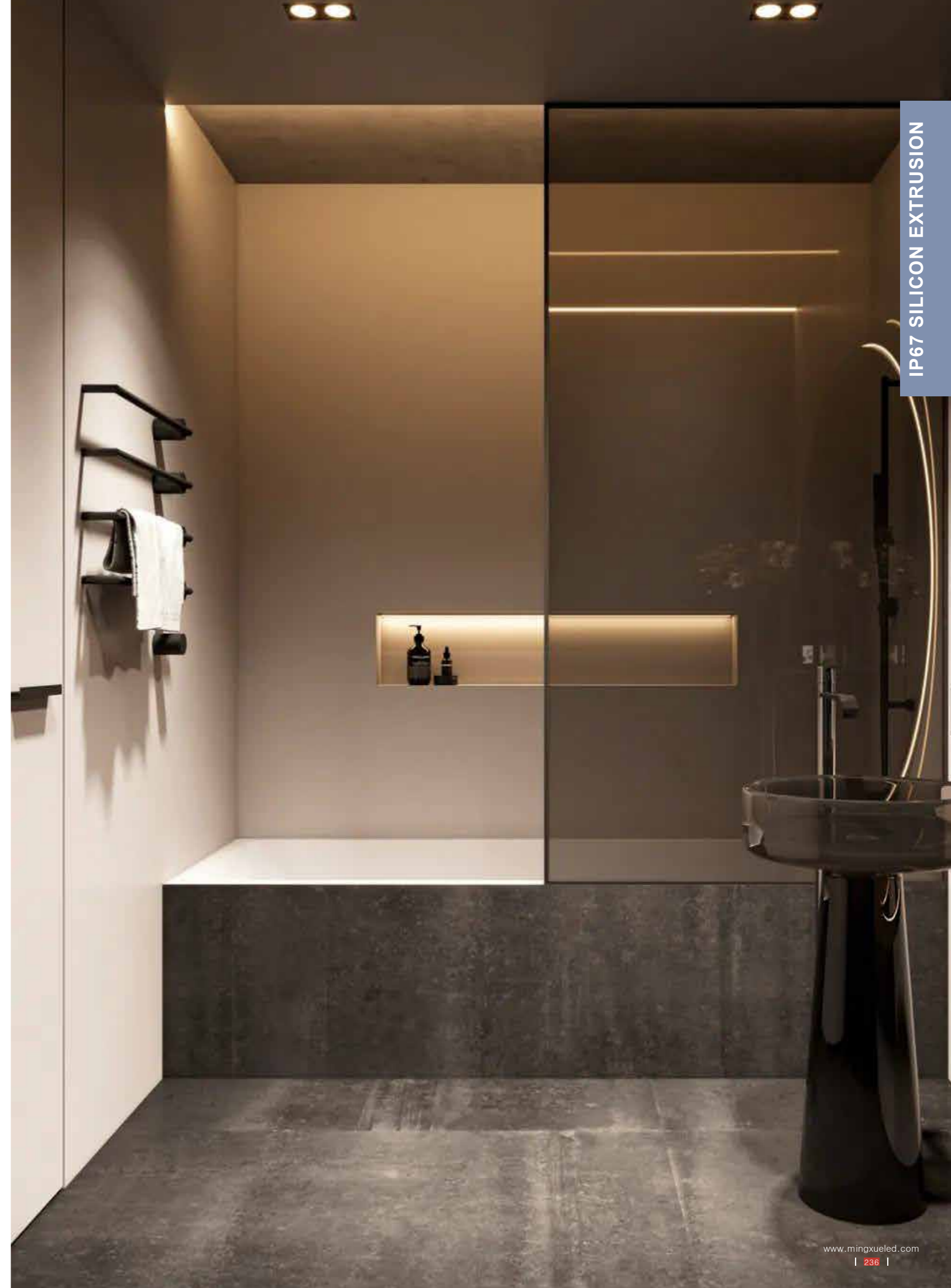
### Recommended Profiles



### Waterproof Rate



IP67 SILICON EXTRUSION

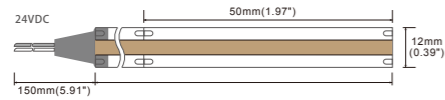


# IP67 LED STRIP

# SILICON EXTRUSION

## COB/480LEDs

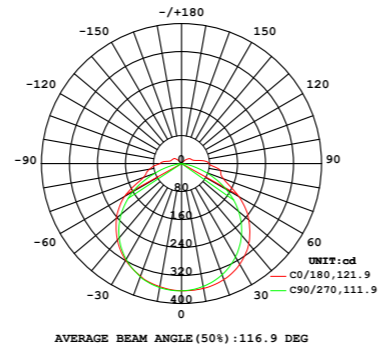
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF309V480Q90-D027M6A06124N	480	24V	12	2700k	90	1,054	329	88	IP67	10mm
MF309V480Q90-D030M6A06124N	480	24V	12	3000k	90	1,113	347	93	IP67	10mm
MF309W480Q90-D040M6A06124N	480	24V	12	4000k	90	1,171	366	96	IP67	10mm
MF309W480Q90-D050M6A06124N	480	24V	12	5000k	90	1,182	369	98	IP67	10mm
MF309W480Q90-D060M6A06124N	480	24V	12	6000k	90	1,194	373	99	IP67	10mm

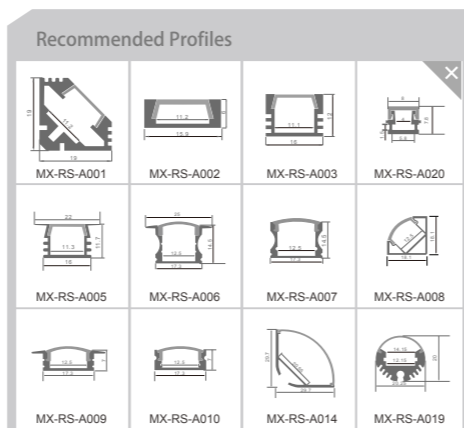
### Optical parameter

LED Type:	COB
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	88~99Lm/w
Lumen Output/meter:	1054~1194Lm/m (329~373Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameter

Input Current/m:	0.50A/m(0.16A/ft)
Input Voltage:	DC24V
Power/M:	12W/m(3.66W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	480LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	24 LEDs



### Waterproof Rate

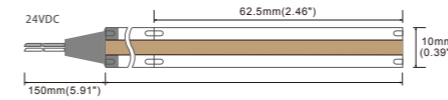


# IP67 LED STRIP

# SILICON EXTRUSION

## COB/512LEDs

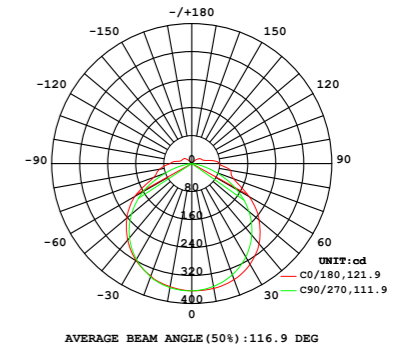
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF304V480Q90-D027M6A06124N	512	24V	12	2700k	90	1,026	312	85	IP67	10mm
MF304V480Q90-D030M6A06124N	512	24V	12	3000k	90	1,026	312	85	IP67	10mm
MF304W480Q90-D040M6A06124N	512	24V	12	4000k	90	1,140	347	95	IP67	10mm
MF304W480Q90-D050M6A06124N	512	24V	12	5000k	90	1,140	347	95	IP67	10mm
MF304W480Q90-D060M6A06124N	512	24V	12	6000k	90	1,140	347	95	IP67	10mm

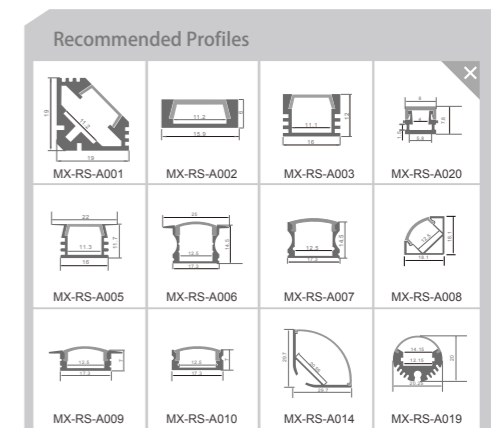
### Optical parameter

LED Type:	COB
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	85~95Lm/w
Lumen Output/meter:	1026~1140Lm/m (312~347Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameter

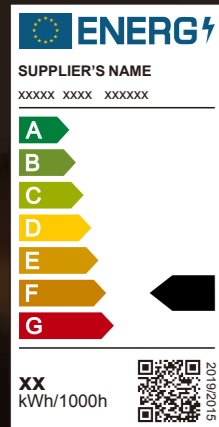
Input Current/m:	0.50A/m(0.16A/ft)
Input Voltage:	DC24V
Power/M:	12W/m(3.66W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	512LEDs/m
Size of Section:	62.5mm(2.46")
LEDs of Section	32 LEDs



### Waterproof Rate







# 10

CONSTANT CURRENT  
SERIES

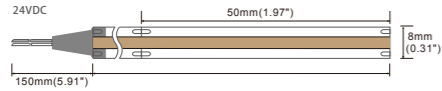
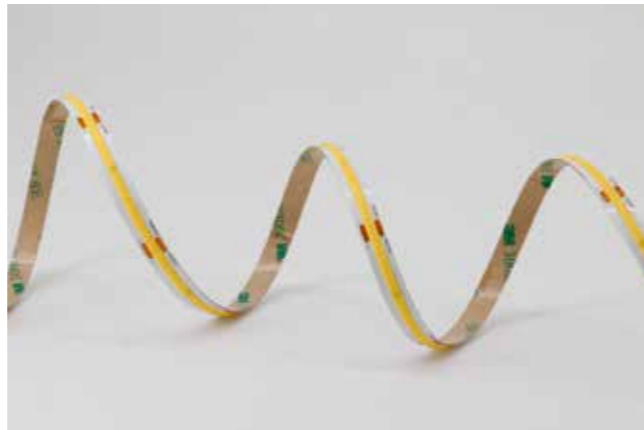
The constant current strip light maintains a constant brightness by controlling the current, ensuring the brightness and life of the lamp bead. Maintain constant output current even in the case of voltage fluctuations or bead resistance changes. Constant current strip is suitable for scenes with higher requirements for light brightness, lighting quality and stability, such as commercial lighting, landscape lighting, stage lighting, etc.



# CONSTANT CURRENT SERIES

## COB/420LED/8MM

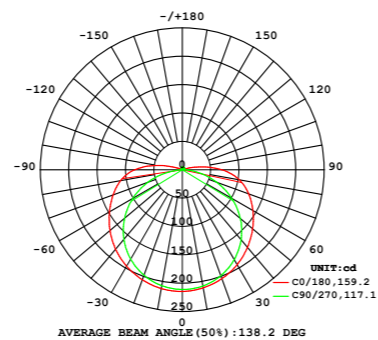
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF309W420A90-D027A6A08307C	420	24V	9.6	2700k	90	778	237	81	IP20	8mm
MF309W420A90-D030A6A08307C	420	24V	9.6	3000k	90	821	250	86	IP20	8mm
MF309W420A90-D040A6A08307C	420	24V	9.6	4000k	90	864	263	90	IP20	8mm
MF309W420A90-D050A6A08307C	420	24V	9.6	5000k	90	864	263	90	IP20	8mm
MF309W420A90-D060A6A08307C	420	24V	9.6	6000k	90	864	263	90	IP20	8mm

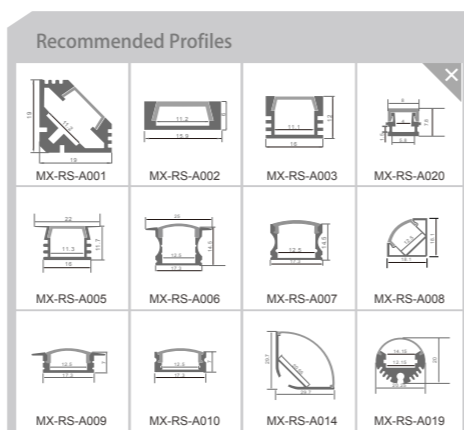
### Optical parameter

LED Type:	COB
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	140°
Light Efficiency:	81~90Lm/w
Lumen Output/meter:	778~864Lm/m (237~263Lm/ft)
Energy Grade:	<b>F</b>

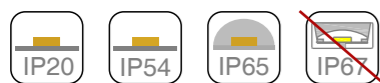


### Electric parameter

Input Current/m:	0.40A/m(0.15A/ft)
Input Voltage:	DC24V
Power/M:	9.6W/m(2.92W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	420LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	21 LEDs



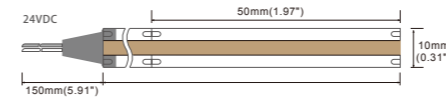
### Waterproof Rate



# CONSTANT CURRENT SERIES

## COB/420LED/10MM

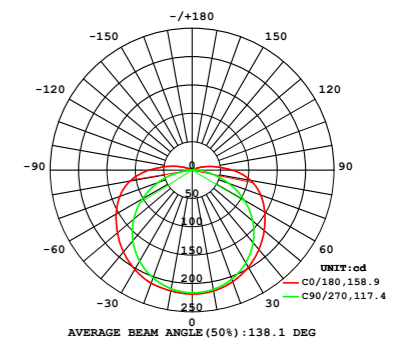
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF309W420A90-D027A6A10307C	420	24V	9.6	2700k	90	778	237	81	IP20	10mm
MF309W420A90-D030A6A10307C	420	24V	9.6	3000k	90	821	250	86	IP20	10mm
MF309W420A90-D040A6A10307C	420	24V	9.6	4000k	90	864	263	90	IP20	10mm
MF309W420A90-D050A6A10307C	420	24V	9.6	5000k	90	864	263	90	IP20	10mm
MF309W420A90-D060A6A10307C	420	24V	9.6	6000k	90	864	263	90	IP20	10mm

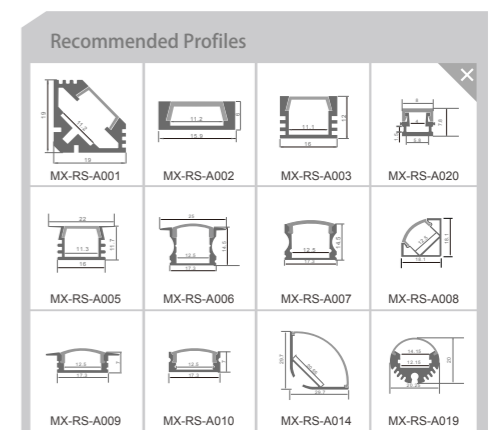
### Optical parameter

LED Type:	COB
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	140°
Light Efficiency:	81~90Lm/w
Lumen Output/meter:	778~864Lm/m (237~263Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameter

Input Current/m:	0.40A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	9.6W/m(2.92W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	420LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	21LEDs



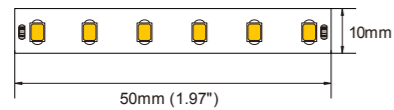
### Waterproof Rate



# CONSTANT CURRENT SERIES

## ● 2835SMD/120LED/10MM

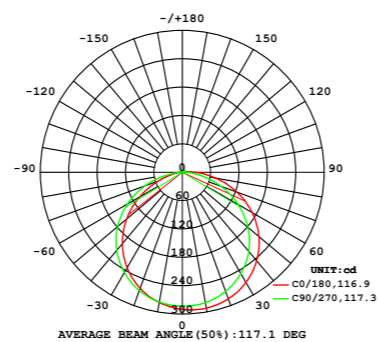
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328W120A90-D027A6A10106C	120	24V	9	2700k	90	810	247	90	IP20	10mm
MF328W120A90-D030A6A10106C	120	24V	9	3000k	90	855	261	95	IP20	10mm
MF328W120A90-D040A6A10106C	120	24V	9	4000k	90	900	274	100	IP20	10mm
MF328W120A90-D050A6A10106C	120	24V	9	5000k	90	900	274	100	IP20	10mm
MF328W120A90-D060A6A10106C	120	24V	9	6000k	90	900	274	100	IP20	10mm

### Optical parameter

LED Type:	2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter:	810~900Lm/m (247~274Lm/ft)
Energy Grade:	<b>F</b>

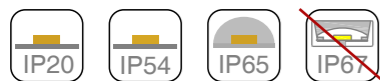


### Electric parameter

Input Current/m:	0.40A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	9W/m(2.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	6 LEDs



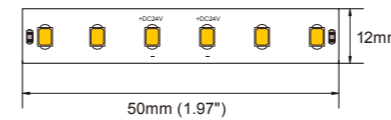
### Waterproof Rate



# CONSTANT CURRENT SERIES

## ● 2835SMD/120LED/12MM

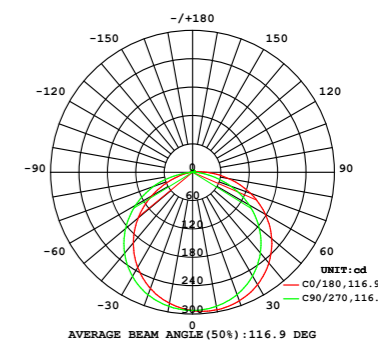
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328W120A90-D040A6A12106C	120	24V	9	2700k	90	810	247	90	IP20	12mm
MF328W120A90-D040A6A12106C	120	24V	9	3000k	90	855	261	95	IP20	12mm
MF328W120A90-D040A6A12106C	120	24V	9	4000k	90	900	274	100	IP20	12mm
MF328W120A90-D040A6A12106C	120	24V	9	5000k	90	900	274	100	IP20	12mm
MF328W120A90-D040A6A12106C	120	24V	9	6000k	90	900	274	100	IP20	12mm

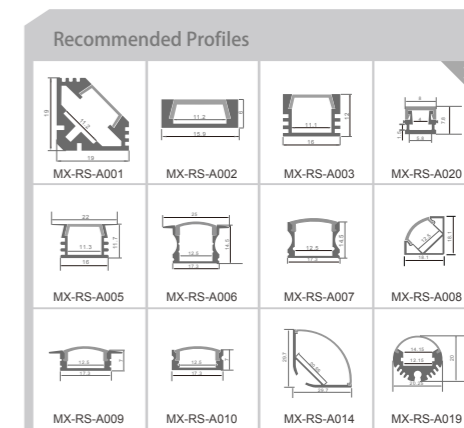
### Optical parameter

LED Type:	2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter:	810~900Lm/m (247~274Lm/ft)
Energy Grade:	<b>F</b>

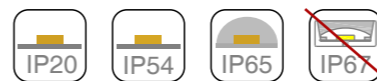


### Electric parameter

Input Current/m:	0.40A/m(0.13A/ft)
Input Voltage:	DC24V
Power/M:	9W/m(2.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	6 LEDs



### Waterproof Rate

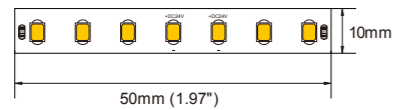




# CONSTANT CURRENT SERIES

## ● 2835SMD/140LED/10MM

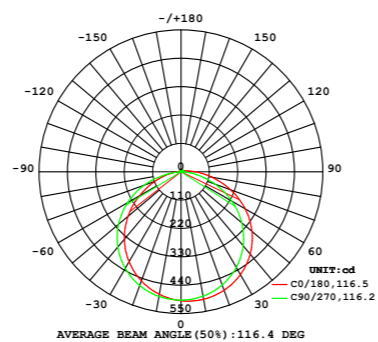
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328W120A90-D027A6A10107C	140	24V	14	2700k	90	1,449	442	104	IP20	10mm
MF328W120A90-D030A6A10107C	140	24V	14	3000k	90	1,530	466	109	IP20	10mm
MF328W120A90-D040A6A10107C	140	24V	14	4000k	90	1,610	491	115	IP20	10mm
MF328W120A90-D050A6A10107C	140	24V	14	5000k	90	1,610	491	115	IP20	10mm
MF328W120A90-D060A6A10107C	140	24V	14	6000k	90	1,610	491	115	IP20	10mm

### Optical parameter

LED Type:	2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	104~115Lm/w
Lumen Output/meter:	1449~1610Lm/m (442~491Lm/ft)
Energy Grade:	E

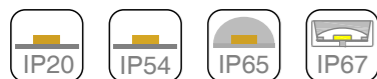


### Electric parameter

Input Current/m:	0.58A/m(0.18A/ft)
Input Voltage:	DC24V
Power/M:	14W/m(4.26W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



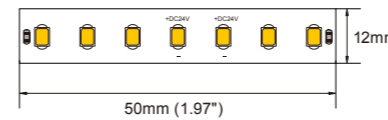
### Waterproof Rate



# CONSTANT CURRENT SERIES

## ● 2835SMD/140LED/12MM

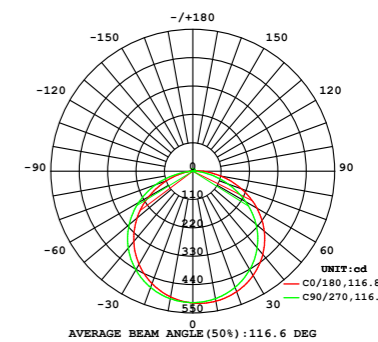
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328W120A90-D027A6A12107C	140	24V	14	2700k	90	1,449	442	104	IP20	12mm
MF328W120A90-D030A6A12107C	140	24V	14	3000k	90	1,530	466	109	IP20	12mm
MF328W120A90-D040A6A12107C	140	24V	14	4000k	90	1,610	491	115	IP20	12mm
MF328W120A90-D050A6A12107C	140	24V	14	5000k	90	1,610	491	115	IP20	12mm
MF328W120A90-D060A6A12107C	140	24V	14	6000k	90	1,610	491	115	IP20	12mm

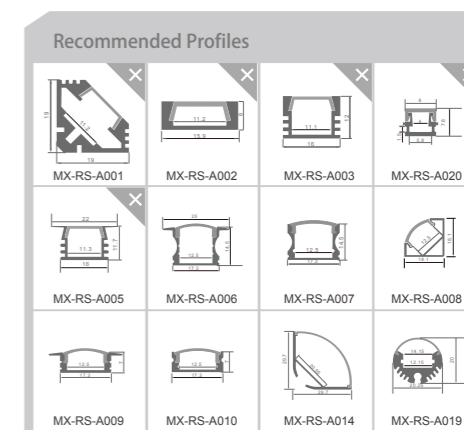
### Optical parameter

LED Type:	2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	104~115Lm/w
Lumen Output/meter:	1449~1610Lm/m (442~491Lm/ft)
Energy Grade:	E

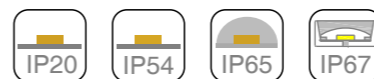


### Electric parameter

Input Current/m:	0.58A/m(0.18A/ft)
Input Voltage:	DC24V
Power/M:	14W/m(4.26W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	140LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	7 LEDs



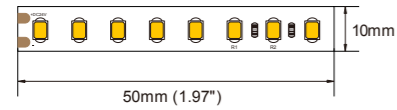
### Waterproof Rate



# CONSTANT CURRENT SERIES

## ● 2835SMD/160LED/48V

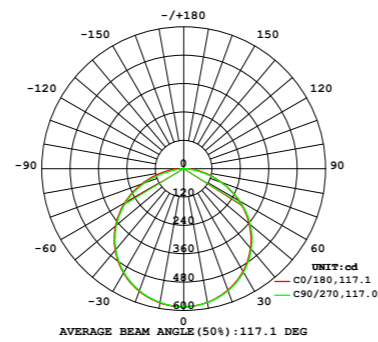
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF428W160A90-D040A6A10108C	160	48V	12.5	2700k	90	1,575	480	126	IP20	10mm
MF428W160A90-D040A6A10108C	160	48V	12.5	3000k	90	1,663	507	133	IP20	10mm
MF428W160A90-D040A6A10108C	160	48V	12.5	4000k	90	1,750	534	140	IP20	10mm
MF428W160A90-D040A6A10108C	160	48V	12.5	5000k	90	1,750	534	140	IP20	10mm
MF428W160A90-D040A6A10108C	160	48V	12.5	6000k	90	1,750	534	140	IP20	10mm

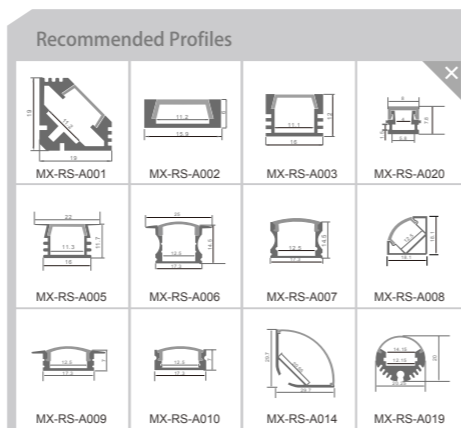
### Optical parameter

LED Type:	2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	126~140Lm/w
Lumen Output/meter:	1575~1750Lm/m (480~534Lm/ft)
Energy Grade:	<b>D</b>

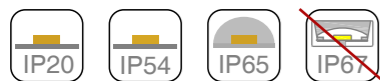


### Electric parameter

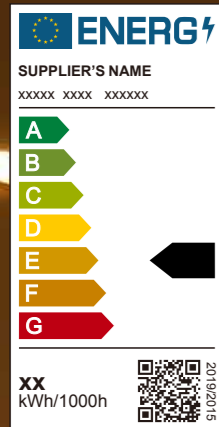
Input Current/m:	0.26A/m(0.08A/ft)
Input Voltage:	DC48V
Power/M:	12.5W/m(3.81W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	160LEDs/m
Size of Section:	50mm(1.97")
LEDs of Section	8 LEDs



### Waterproof Rate



CONSTANT CURRENT SERIES



# 11

## MINI CUT SERIES

The design of the mini cut strip allows every other chip to be cut, which makes it possible to accurately cut according to actual needs during installation, avoiding the uneven lighting problem caused by the traditional strip that cannot be accurately cut. Due to the design characteristics of one lamp and one cut strip, there will be no dark area after cutting, ensuring the uniformity and integrity of the light, especially suitable for areas requiring precise size, such as cabinets, hand cabinets, etc.

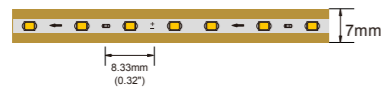




# MINI CUT SERIES

## 2025SMD/120LED/12V

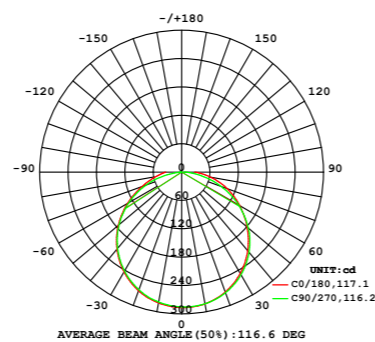
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF220W120A90-D027A1A07104N	120	12V	10	2700k	90	810	247	81	IP20	7mm
MF220W120A90-D030A1A07104N	120	12V	10	3000k	90	855	261	86	IP20	7mm
MF220W120A90-D040A1A07104N	120	12V	10	4000k	90	900	274	90	IP20	7mm
MF220W120A90-D050A1A07104N	120	12V	10	5000k	90	900	274	90	IP20	7mm
MF220W120A90-D060A1A07104N	120	12V	10	6000k	90	900	274	90	IP20	7mm

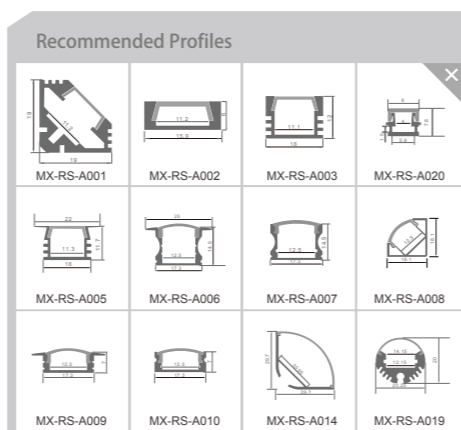
### Optical parameter

LED Type:	2025
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	81~90Lm/w
Lumen Output/meter:	810~900Lm/m (247~274Lm/ft)
Energy Grade:	<b>F</b>

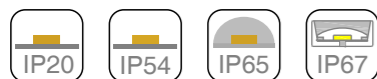


### Electric parameter

Input Current/m:	0.83A/m(0.25A/ft)
Input Voltage:	DC12V
Power/M:	10W/m(3.04W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	8.33mm(0.32")
LEDs of Section	1 LEDs



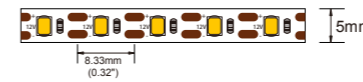
### Waterproof Rate



# MINI CUT SERIES

## 2835SMD/120LED/12V /5MM

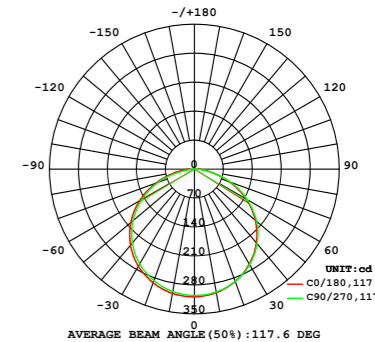
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF228W120A90-D027A1A05101N	120	12V	9	2700k	90	855	261	95	IP20	5mm
MF228W120A90-D030A1A05101N	120	12V	9	3000k	90	903	275	100	IP20	5mm
MF228W120A90-D040A1A05101N	120	12V	9	4000k	90	950	290	105	IP20	5mm
MF228W120A90-D050A1A05101N	120	12V	9	5000k	90	950	290	105	IP20	5mm
MF228W120A90-D060A1A05101N	120	12V	9	6000k	90	950	290	105	IP20	5mm

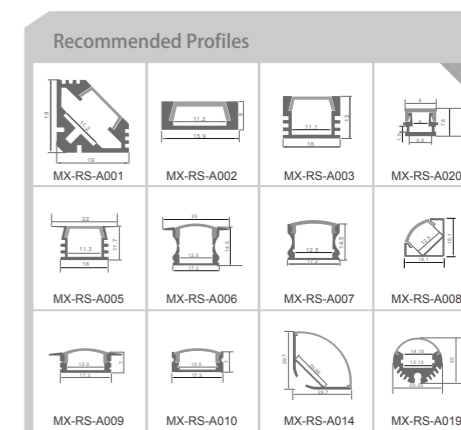
### Optical parameter

LED Type:	2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	95~105Lm/w
Lumen Output/meter:	855~950Lm/m (261~290Lm/ft)
Energy Grade:	<b>F</b>



### Electric parameter

Input Current/m:	0.75A/m(0.33A/ft)
Input Voltage:	DC12V
Power/M:	9W/m(2.74W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	8.33mm(0.32")
LEDs of Section	1 LEDs



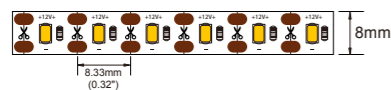
### Waterproof Rate



# MINI CUT SERIES

## ● 2835SMD/120LED/12V /8MM

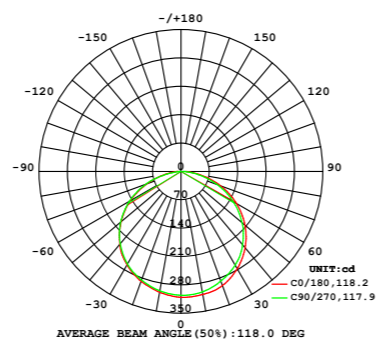
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF228W120A90-D027A1A08101N	120	12V	9	2700k	90	855	261	95	IP20	8mm
MF228W120A90-D030A1A08101N	120	12V	9	3000k	90	903	275	100	IP20	8mm
MF228W120A90-D040A1A08101N	120	12V	9	4000k	90	950	290	105	IP20	8mm
MF228W120A90-D050A1A08101N	120	12V	9	5000k	90	950	290	105	IP20	8mm
MF228W120A90-D060A1A08101N	120	12V	9	6000k	90	950	290	105	IP20	8mm

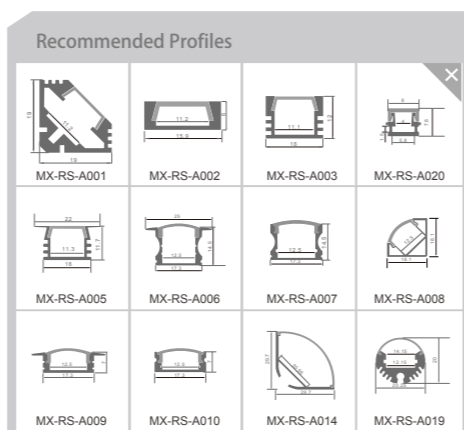
### Optical parameter

LED Type:	2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	95~100Lm/w
Lumen Output/meter:	855~950Lm/m (261~290Lm/ft)
Energy Grade:	<b>F</b>

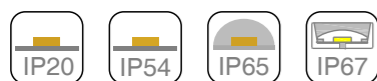


### Electric parameter

Input Current/m:	0.75A/m(0.23A/ft)
Input Voltage:	DC12V
Power/M:	9W/m(2.74W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	8.33mm(0.32")
LEDs of Section	1 LEDs



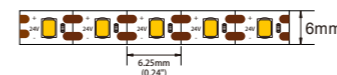
### Waterproof Rate



# MINI CUT SERIES

## ● 2835SMD/160LED/12V

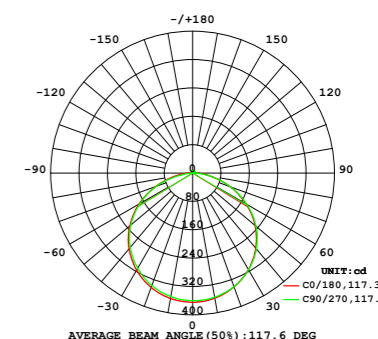
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF228W160A90-D027A1A06101N	160	12V	8	2700k	90	720	220	90	IP20	6mm
MF228W160A90-D030A1A06101N	160	12V	8	3000k	90	760	232	95	IP20	6mm
MF228W160A90-D040A1A06101N	160	12V	8	4000k	90	800	244	100	IP20	6mm
MF228W160A90-D050A1A06101N	160	12V	8	5000k	90	800	244	100	IP20	6mm
MF228W160A90-D060A1A06101N	160	12V	8	6000k	90	800	244	100	IP20	6mm

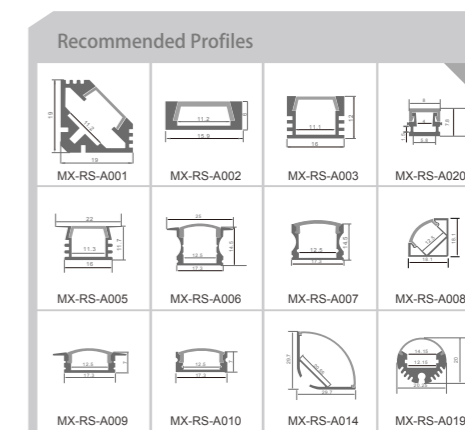
### Optical parameter

LED Type:	2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	90~100Lm/w
Lumen Output/meter:	720~800Lm/m (220~244Lm/ft)
Energy Grade:	<b>F</b>

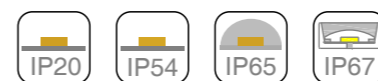


### Electric parameter

Input Current/m:	0.67A/m(0.21A/ft)
Input Voltage:	DC12V
Power/M:	8W/m(2.44W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	160LEDs/m
Size of Section:	6.25mm(0.24")
LEDs of Section	1 LEDs



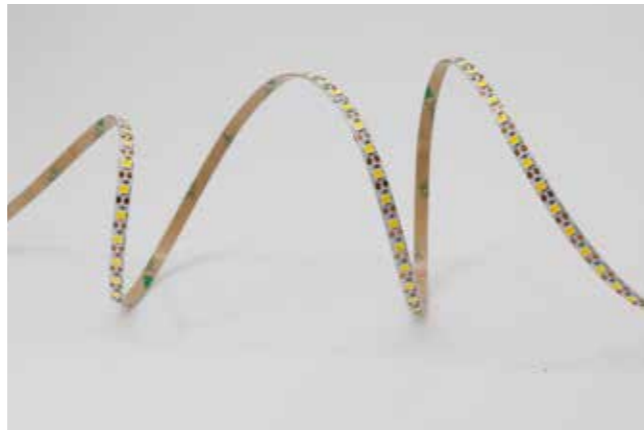
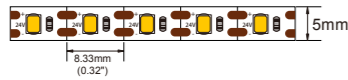
### Waterproof Rate



# MINI CUT SERIES

## 2835SMD/120LED

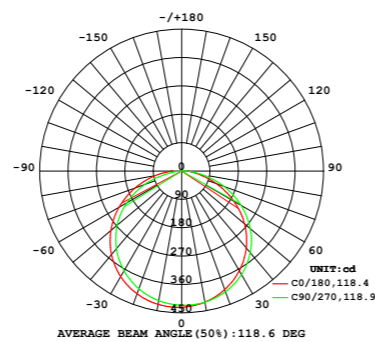
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328W120A90-D027A1A05101N	120	24V	9	2700k	90	936	285	104	IP20	5mm
MF328W120A90-D030A1A05101N	120	24V	9	3000k	90	981	299	109	IP20	5mm
MF328W120A90-D040A1A05101N	120	24V	9	4000k	90	1,035	316	115	IP20	5mm
MF328W120A90-D050A1A05101N	120	24V	9	5000k	90	1,035	316	115	IP20	5mm
MF328W120A90-D060A1A05101N	120	24V	9	6000k	90	1,035	316	115	IP20	5mm

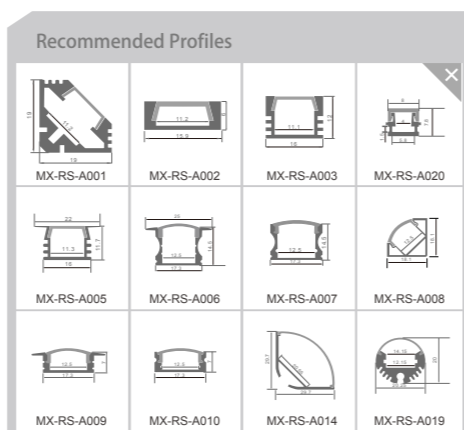
### Optical parameter

LED Type:	2835
Color Rendering Index:	90
CCT Range:	2700K~6000K
Irritation Angle:	120°
Light Efficiency:	104~115Lm/w
Lumen Output/meter:	936~1035Lm/m (285~316Lm/ft)
Energy Grade:	<b>E</b>

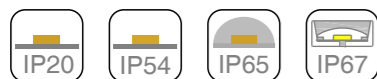


### Electric parameter

Input Current/m:	0.38A/m(0.12A/ft)
Input Voltage:	DC24V
Power/M:	9W/m(2.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	120LEDs/m
Size of Section:	8.33mm(0.32")
LEDs of Section	1 LEDs



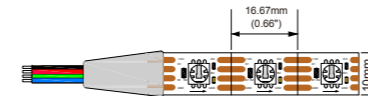
### Waterproof Rate



# MINI CUT SERIES

## 5050RGB/60LED/12V

- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF250A060A00-D000J1A10101S	60	12V	8	SPI RGB	N/A	200	61	25	IP20	10mm

### Optical parameter

LED Type:	5050
Color Rendering Index:	N/A
CCT Range:	SPI RGB(SK6813)
Irritation Angle:	120°
Light Efficiency:	25Lm/w
Lumen Output/meter:	200Lm/m (61Lm/ft)

### Controller

Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20

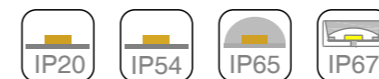


### Electric parameter

Input Current/m:	0.66A/m(0.2A/ft)
Input Voltage:	DC12V
Power/M:	8W/m(2.43W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	60LEDs/m
Size of Section:	16.67mm(0.66")
LEDs of Section	1 LEDs



### Waterproof Rate

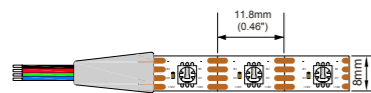




# MINI CUT SERIES

## ● 5050RGB/84LED/12V /8MM

- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF250A060A00-D000J1A08101S	84	12V	12	SPI RGB	N/A	260	79	22	IP20	8mm

### Optical parameter

LED Type:	5050
Color Rendering Index:	N/A
CCT Range:	SPI RGB(WS2815E)
Irritation Angle:	120°
Light Efficiency:	22Lm/w
Lumen Output/meter:	260Lm/m (79Lm/ft)

### Controller

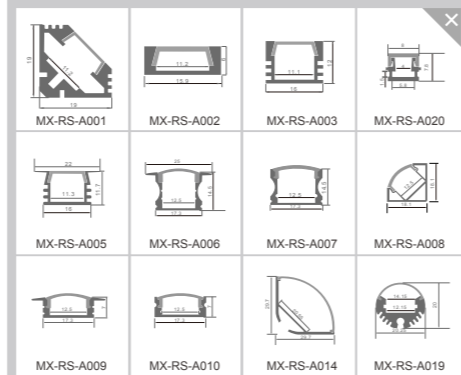
Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



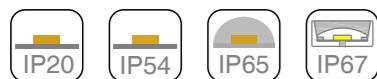
### Electric parameter

Input Current/m:	1A/m(0.3A/ft)
Input Voltage:	DC12V
Power/M:	12W/m(3.75W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	84LEDs/m
Size of Section:	11.8mm(0.46")
LEDs of Section	1 LEDs

### Recommended Profiles



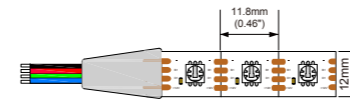
### Waterproof Rate



# MINI CUT SERIES

## ● 5050RGB/84LED/12V /12MM

- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF250A060A00-D000J1A12101S	84	12V	12	SPI RGB	N/A	260	79	22	IP20	12mm

### Optical parameter

LED Type:	5050
Color Rendering Index:	N/A
CCT Range:	SPI RGB(WS2815E)
Irritation Angle:	120°
Light Efficiency:	22Lm/w
Lumen Output/meter:	260Lm/m (79Lm/ft)

### Controller

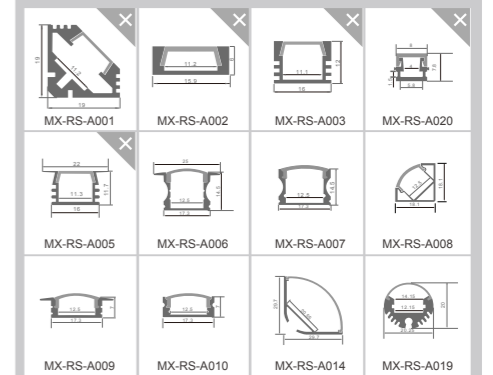
Part number:	SC+R9
Input Voltage:	12-24V DC
Pixel:	1024 dots
Output Wattage:	12V≤144W;24V≤288W
Output signal:	2.4GHz
Dimension:	107*58.5*9mm(L*W*H)
Weight:	34g
IP Rate:	IP20



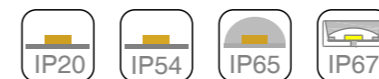
### Electric parameter

Input Current/m:	1A/m(0.3A/ft)
Input Voltage:	DC12V
Power/M:	12W/m(3.65W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	84LEDs/m
Size of Section:	11.8mm(0.46")
LEDs of Section	1 LEDs

### Recommended Profiles



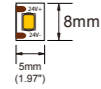
### Waterproof Rate



# MINI CUT SERIES

## 2835SMD/200LED

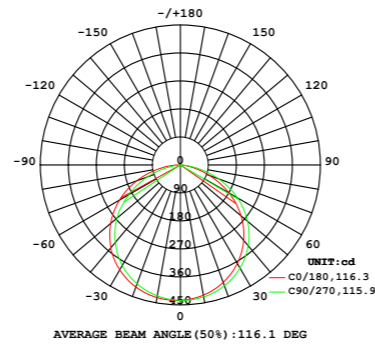
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF328V200A90-D027A1C08101N	200	24V	16.8	2700k	>90	1,850	564	110	IP20	8mm
MF328V200A90-D030A1C08101N	200	24V	16.8	3000k	>90	1,958	597	117	IP20	8mm
MF328V200A90-D040A1C08101N	200	24V	16.8	4000k	>90	2,056	627	122	IP20	8mm
MF328V200A90-D050A1C08101N	200	24V	16.8	5000k	>90	2,056	627	122	IP20	8mm
MF328V200A90-D060A1C08101N	200	24V	16.8	6000k	>90	2,056	627	122	IP20	8mm

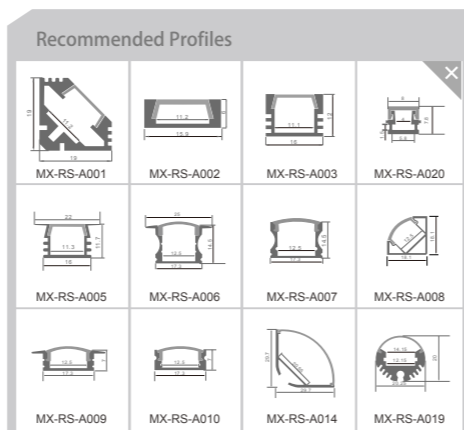
### Optical parameter

LED Type:	2835
Color Rendering Index:	>90
CCT Range:	2700/3000/4000/5000/6000K
Irritation Angle:	120°
Light Efficiency:	110~122Lm/w
Lumen Output/meter:	1850~2056Lm/m (564~627Lm/ft)

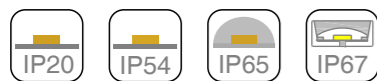


### Electric parameter

Input Current/m:	0.7A/m(0.22A/ft)
Input Voltage:	DC24V
Power/M:	16.8W/m(5.12W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	200LEDs/m
Size of Section:	5mm(0.197")
LEDs of Section	1 LEDs



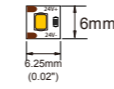
### Waterproof Rate



# MINI CUT SERIES

## 2835SMD/160LED/24V

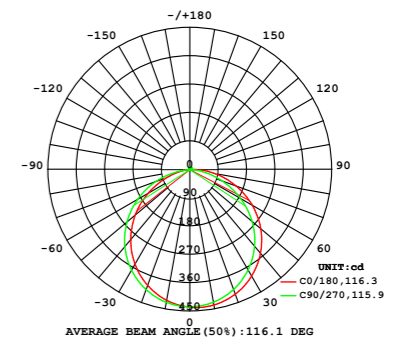
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF228W160A90-D027A1A06101N	160	24V	12	2700k	>90	1,004	306	84	IP20	6mm
MF228W160A90-D030A1A06101N	160	24V	12	3000k	>90	1,060	323	88	IP20	6mm
MF228W160A90-D040A1A06101N	160	24V	12	4000k	>90	1,116	340	93	IP20	6mm
MF228W160A90-D050A1A06101N	160	24V	12	5000k	>90	1,116	340	93	IP20	6mm
MF228W160A90-D060A1A06101N	160	24V	12	6000k	>90	1,116	340	93	IP20	6mm

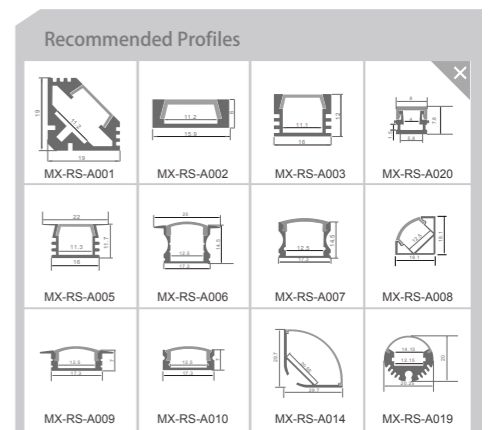
### Optical parameter

LED Type:	2835
Color Rendering Index:	>90
CCT Range:	2700~6000K
Irritation Angle:	120°
Light Efficiency:	84~93Lm/w
Lumen Output/meter:	1004~1116Lm/m (306~340Lm/ft)

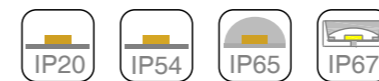


### Electric parameter

Input Current/m:	0.5A/m(0.15A/ft)
Input Voltage:	DC24V
Power/M:	12W/m(3.65W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	160LEDs/m
Size of Section:	6.25mm(0.02")
LEDs of Section	1 LEDs



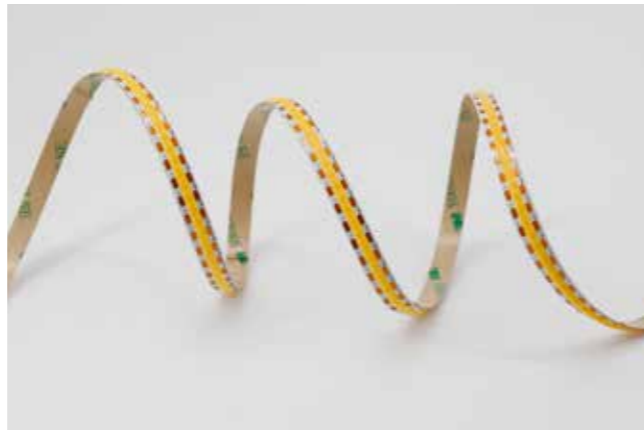
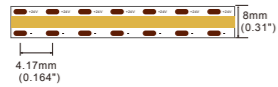
### Waterproof Rate



# MINI CUT SERIES

## COB/480LED

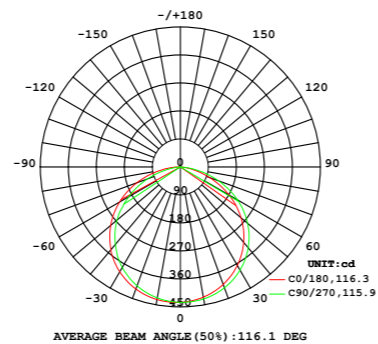
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF309W480A90COB-D027A1A08A1	480	24V	11	2700k	>90	573	175	52	IP20	8mm
MF309W480A90COB-D030A1A08A1	480	24V	11	3000k	>90	598	182	54	IP20	8mm
MF309W480A90COB-D040A1A08A1	480	24V	11	4000k	>90	630	192	57	IP20	8mm
MF309W480A90COB-D050A1A08A1	480	24V	11	5000k	>90	636	194	58	IP20	8mm
MF309W480A90COB-D060A1A08A1	480	24V	11	6000k	>90	643	196	58	IP20	8mm

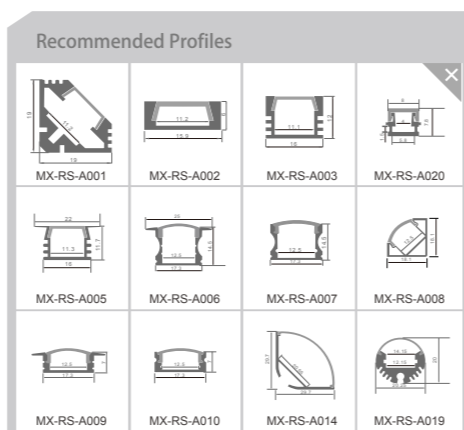
### Optical parameter

LED Type:	COB
Color Rendering Index:	>90
CCT Range:	2700/3000/4000/5000/6000K
Irritation Angle:	140°
Light Efficiency:	52~58Lm/w
Lumen Output/meter:	573~644Lm/m (175~196Lm/ft)

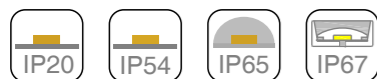


### Electric parameter

Input Current/m:	0.46A/m(0.14A/ft)
Input Voltage:	DC24V
Power/M:	11W/m(3.36W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	480LEDs/m
Size of Section:	4.17mm(0.164")
LEDs of Section	2 LEDs



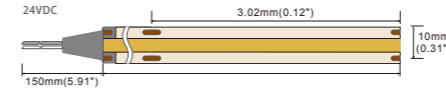
### Waterproof Rate



# MINI CUT SERIES

## COB/1328LED

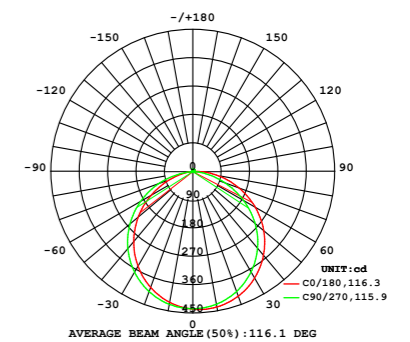
- High Quality products with full range of colors from 1800K-6500K;
- Provide 1BIN/2BIN,SDCM<3/SDCM<5;
- CRI80,CRI90,CRI95+Branded 3M tape for installation;
- 5 years warranty.



Item Code	LEDs meter	Input voltage	Watt/m	CCT/K	Color Rendering Index	Lm/m	Lm/ft	LM/w	IP Rate	PCB Width
MF209V1328A90COB-D027T1A10	1328	12V	12	2700k	>90	699	213	58	IP20	10mm
MF209V1328A90COB-D030T1A10	1328	12V	12	3000k	>90	739	225	62	IP20	10mm
MF209V1328A90COB-D040T1A10	1328	12V	12	4000k	>90	776	237	65	IP20	10mm
MF209V1328A90COB-D050T1A10	1328	12V	12	5000k	>90V	776	237	65	IP20	10mm
MF209V1328A90COB-D060T1A10	1328	12V	12	6000k	>90	776	237	65	IP20	10mm

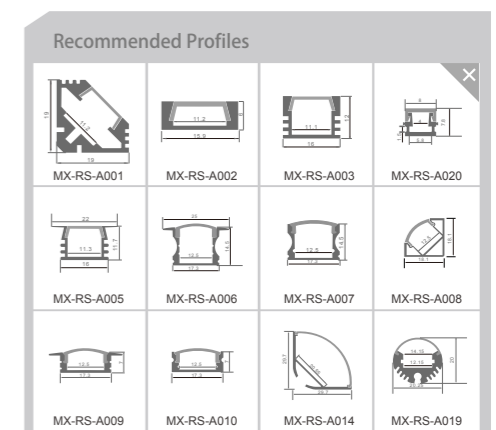
### Optical parameter

LED Type:	COB
Color Rendering Index:	>90
CCT Range:	2700/3000/4000/5000/6000K
Irritation Angle:	140°
Light Efficiency:	58~65Lm/w
Lumen Output/meter:	699~776Lm/m (213~237Lm/ft)

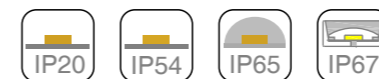


### Electric parameter

Input Current/m:	1A/m(0.31A/ft)
Input Voltage:	DC12V
Power/M:	12W/m(3.65W/ft)
Static Electricity:	1000V (ESD)
LEDs/Meter:	1328LEDs/m
Size of Section:	3.02mm(0.12")
LEDs of Section	4 LEDs



### Waterproof Rate







## DESK/WALL TYPE DRIVER SERIES

Product picture	Model	AC Input Voltage(V)	Rated Power(W)	Output Voltage(V)	Output Current(A)	PF	IPRating	(MM)Dimension (L*W*H)
	MX-12020A2	170-250V	20W	12V/24V	1.67A/0.83A	>0.5	IP67	153*30*20
	MX-12030A	170-250V	30W	12V/24V	2.5A/1.25A	>0.5	IP67	182*30*20
	MX-12045B	170-250V	45W	12V/24V	3.75A/1.87A	>0.5	IP67	222*29*20
	MX-12060C4	90-264V	60W	12V/24V	5A/2.5A	>0.5	IP67	192*47*35
	MX-12080C	90-264V	80W	12V/24V	6.6A/3.3A	>0.5	IP67	199*66*52
	MX-12100Z1	170-250V	100W	12V/24V	8.3A/4.2A	>0.5	IP67	213*68*39
	MX-12150S	170-250V	150W	12V/24V	12.5A/6.25A	>0.5	IP67	220*95*50
	MX-12200S1	170-250V	200W	12V/24V	16.7A/8.3A	>0.5	IP67	215*131*58

Product picture	Model	Brand	AC Input Voltage(V)	Rated Power(W)	Output Voltage(V)	Output Current(A)	PF	Working Temperature	(MM)Dimension (L*W*H)
	MX-35-LRS	Mean Well(MW)	110V/220V	35W	12V/24V	3A/1.5A	>0.5	(-)25 C (+)70 C	99*82*30mm
	MX-50-LRS	Mean Well(MW)	110V/220V	50W	12V/24V	4.2A/2.2A	>0.5	(-)25 C (+)70 C	99*82*30mm
	MX-75-LRS	Mean Well(MW)	110V/220V	75W	12V/24V	6A/3.2A	>0.5	(-)25 C (+)70 C	99*97*30mm
	MX-100-LRS	Mean Well(MW)	110V/220V	100W	12V/24V	8.5A/4.5A	>0.5	(-)25 C (+)70 C	129*97*30mm
	MX-150-LRS	Mean Well(MW)	110V/220V	150W	12V/24V	12.5A/6.5A	>0.5	(-)25 C (+)70 C	159*97*30mm
	MX-200-LRS	Mean Well(MW)	110V/220V	200W	12V/24V	17A/8.8A	>0.5	(-)25 C (+)70 C	215*115*30mm
	MX-350-LRS	Mean Well(MW)	110V/220V	350W	12V/24V	29A/14.6A	>0.5	(-)25 C (+)70 C	215*115*30mm

# DESK-TYPE DRIVER SERIES

Product picture	Model	AC Input Voltage(V)	Rated Power(W)	Output Voltage(V)	Output Current(A)	PF	DC size(MM)
	MX1202000 (Wall-type)	100V-240V (50/60Hz)	24W	12V	2A	>0.5	5.5*2.1*11MM
	MX-1202000 (Desktop-type)	100V-240V (50/60Hz)	24W	12V	2A	>0.5	5.5*2.1*11MM
	MX0631203000E (Wall-type)	100V-240V (50/60Hz)	36W	12V	3A	>0.5	5.5*2.1*11MM
	MX0631203000 (Desktop-type)	100V-240V (50/60Hz)	36W	12V	3A	>0.5	5.5*2.1*11MM
	MX0631204000E (Wall-type)	100V-240V (50/60Hz)	48W	12V	4A	>0.5	5.5*2.1*11MM
	MX0631204000 (Desktop-type)	100V-240V (50/60Hz)	48W	12V	4A	>0.5	5.5*2.1*11MM
	MX1205000 (Desktop-type)	100V-240V (50/60Hz)	60W	12V	5A	>0.5	5.5*2.1*11MM
	MX1206000 (Desktop-type)	100V-240V (50/60Hz)	72W	12V	6A	>0.5	5.5*2.1*11MM
	MX2401000 (Desktop-type)	100V-240V (50/60Hz)	24W	24V	1A	>0.5	5.5*2.1*11MM
	MX0422401500 (Wall&Desktop-type)	100V-240V (50/60Hz)	36W	24V	1.5A	>0.5	5.5*2.1*11MM
	MX0422401500 (Desktop-type)	100V-240V (50/60Hz)	36W	24V	1.5A	>0.5	5.5*2.1*11MM
	MX0632402000 (Wall&Desktop-type)	100V-240V (50/60Hz)	48W	24V	2A	>0.5	5.5*2.1*11MM
	MX0632402000 (Desktop-type)	100V-240V (50/60Hz)	48W	24V	2A	>0.5	5.5*2.1*11MM
	MX0682402500 (Desktop-type)	100V-240V (50/60Hz)	60W	24V	2.5A	>0.5	5.5*2.1*11MM
	MX2403000 (Desktop-type)	100V-240V (50/60Hz)	72W	24V	3A	>0.5	5.5*2.1*11MM
	MX1002404000 (Desktop-type)	100V-240V (50/60Hz)	96W	24V	4A	>0.5	5.5*2.1*11MM

# QUICK CONNECTOR

Ltem No.	Picture	Series	Strip's max LEDs/m	Max Working current	Ltem No.	Picture	Series	Strip's max LEDs/m	Max Working current
MX-04-000384		8mm IP20 Single Color	120LED/M	<3A	MX-04-000385		10mm IP20 Single Color	120LED/M	<3A
MX-04-000382		8mm IP20 Single Color	120LED/M	<3A	MX-04-000383		10mm IP20 Single Color	120LED/M	<3A
MX-04-000505		8mm IP20 Single Color	120LED/M	<3A	MX-04-000381		10mm IP20 Single Color	120LED/M	<3A
MX-04-000389		10mm IP20 Single Color	60LED/M	<3A	MX-A1-000134		10mm IP65 Single Color	60LED/M	<3A
MX-04-000386		10mm IP20 Single Color	60LED/M	<3A	MX-A1-000135		10mm IP65 Single Color	60LED/M	<3A
MX-04-000388		10mm IP20 Single Color	60LED/M	<3A	MX-A1-000136		10mm IP65 Single Color	60LED/M	<3A
MX-A1-000128		8mm IP65 Single Color	120LED/M	<3A	MX-A1-000131		10mm IP65 Single Color	120LED/M	3A
MX-A1-000129		8mm IP65 Single Color	120LED/M	<3A	MX-A1-000132		10mm IP65 Single Color	120LED/M	3A
MX-A1-000130		8mm IP65 Single Color	120LED/M	<3A	MX-A1-000133		10mm IP65 Single Color	120LED/M	3A
MX-A1-002322 strip-strip		10mm IP20 Single Color	120LED/M	3A	MX-04-002322 strip-strip		10mm IP20 Single Color	120LED/M	3A
MX-04-001328 wire-strip		10mm IP20 Single Color	120LED/M	3A	MX-04-001328 wire-strip		10mm IP20 Single Color	120LED/M	3A
MX-A1-000137 strip-strip		10mm IP20 Single Color	240LED/M	3A	MX-A1-000137 strip-strip		10mm IP20 Single Color	240LED/M	3A
MX-04-002324 wire-strip		10mm IP20 Single Color	240LED/M	3A	MX-04-002324 wire-strip		10mm IP20 Single Color	240LED/M	3A

# QUICK CONNECTOR

Ltem No.	Picture	Series	Strip's max LEDs/m	Max Working current
MX-04-001404 strip-strip		10mm IP20 Single Color	120LED/M	3A
MX-04-001402 wire-strip		10mm IP20 Single Color	120LED/M	3A
MX-04-001407 strip-strip		10mm IP20 Single Color	240LED/M	3A
MX-04-001386 wire-strip		10mm IP20 Single Color	240LED/M	3A
MX-04-001389 strip-strip		10mm IP20 Single Color	120LED/M	3A
MX-04-001401 wire-strip		10mm IP20 Single Color	120LED/M	3A
MX-04-001404 strip-strip		10mm IP20 Single Color	240LED/M	3A
MX-04-001403 wire-strip		10mm IP20 Single Color	240LED/M	3A
MX-04-001327 strip-strip		12mm IP20 Single Color	60LED/M	3A
MX-04-001329 wire-strip		12mm IP20 Single Color	60LED/M	3A
MX-04-001400 strip-strip		8mm IP65 Single Color	120LED/M	3A
MX-04-001399 wire-strip		8mm IP65 Single Color	120LED/M	3A
MX-04-001408 strip-strip		10mm IP65 Single Color	60LED/M	3A
MX-04-001406 wire-strip		10mm IP65 Single Color	60LED/M	3A
MX-04-001410 strip-strip		12mm IP65 Single Color	60LED/M	3A
MX-04-001409 wire-strip		12mm IP65 Single Color	60LED/M	3A

Ltem No.	Picture	Spec.	Workable Wire	Max Working current
MX-A1-000138		Cable Joiner in 1Pin	AWG22-AWG18	9A
MX-A1-000139		Cable Joiner in 2Pin	AWG22-AWG18	9A
MX-A1-000140		T cable joiner in 1Pin	AWG22-AWG18	9A
MX-A1-000141		T cable joiner in 2Pin	AWG22-AWG18	9A
Ltem No.	Picture	Series		
MX-A1-000142		8mm IP20 Strip Holder		
MX-A1-000143		10mm IP20 Strip Holder		
MX-A1-000144		8mm IP65 Strip Holder		
MX-A1-000145		10mm IP65 Strip Holder		