



FINELED CATALOGUE



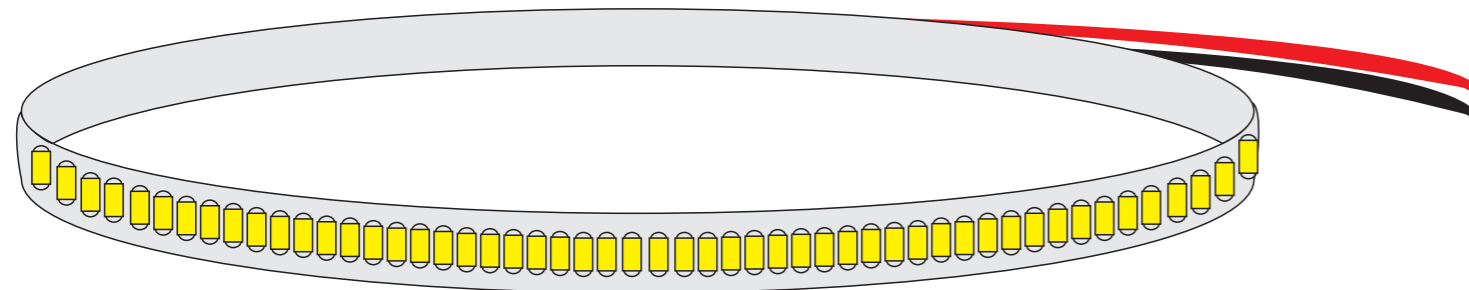
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We focus on High Quality LED Strip

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COMPANY PROFILE

FINELED was founded in 2010, is one professional manufacturer that specializing in production and marketing of LED Strip, we have about 120 staffs and have qualified and talented R & D engineers, QA engineers, QC engineers that provide high reliability and high stability products, we have successfully obtained certificates of ISO9001, CE, RoHS, FCC and UL, FINELED also equipped many professional machines for quality test, for example, Salty & humidity testing, High & low temperature testing, Twist testing and UV testing etc.

We select the best raw materials including LED packages, PCBs, Tins, Resistors, 3M adhesive tapes and so on, our concepts are continually creating One order One BIN, the color consistency and color temperature control is a premier important for FINELED.

We offer excellent marketing and after service to over 30 countries in the world and winning a great reputation with our LED Flexible Strip.

-  120
-  2010
-  7000 m²
-  500K m/y

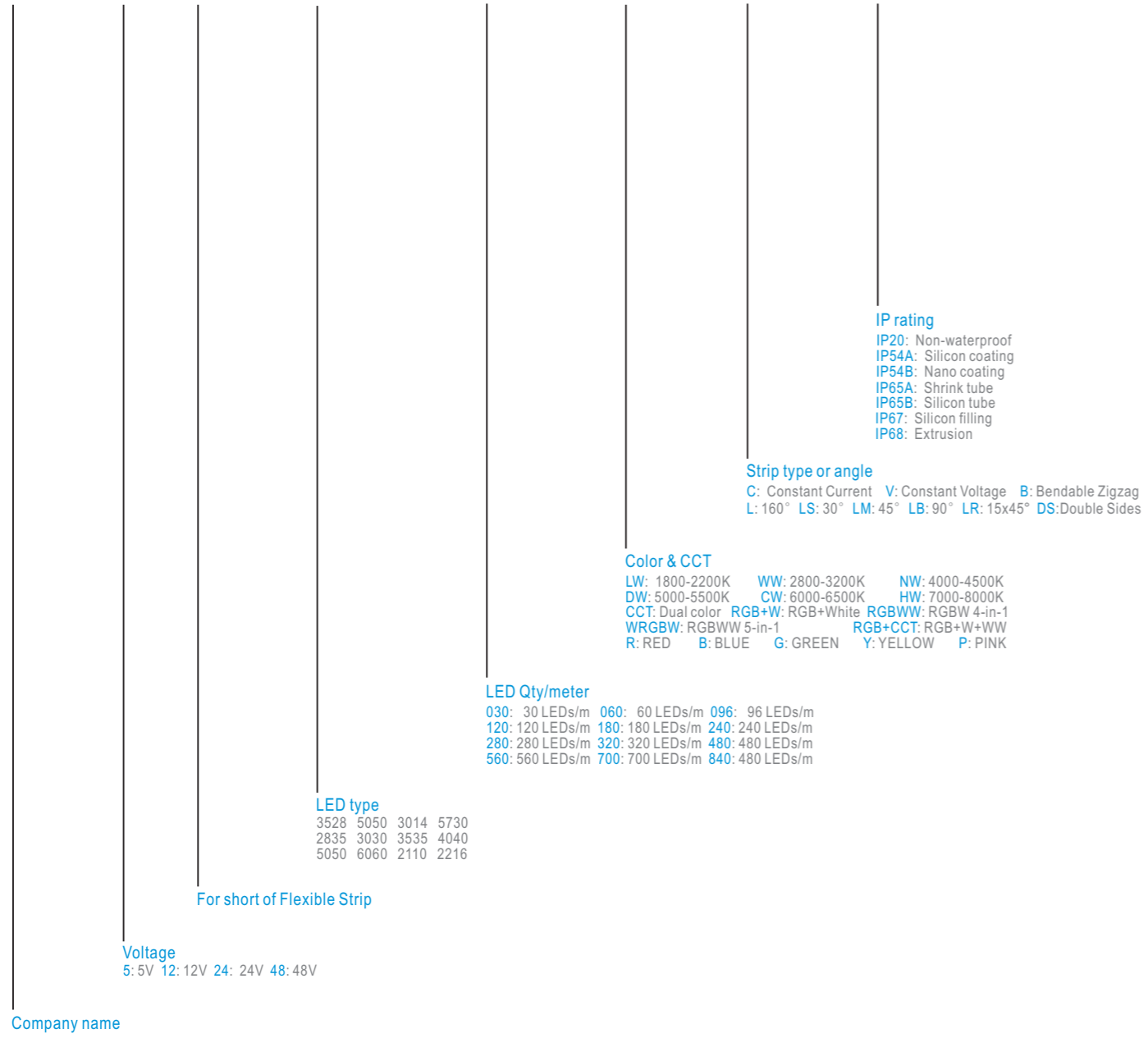


CERTIFICATION



Product Nomenclature

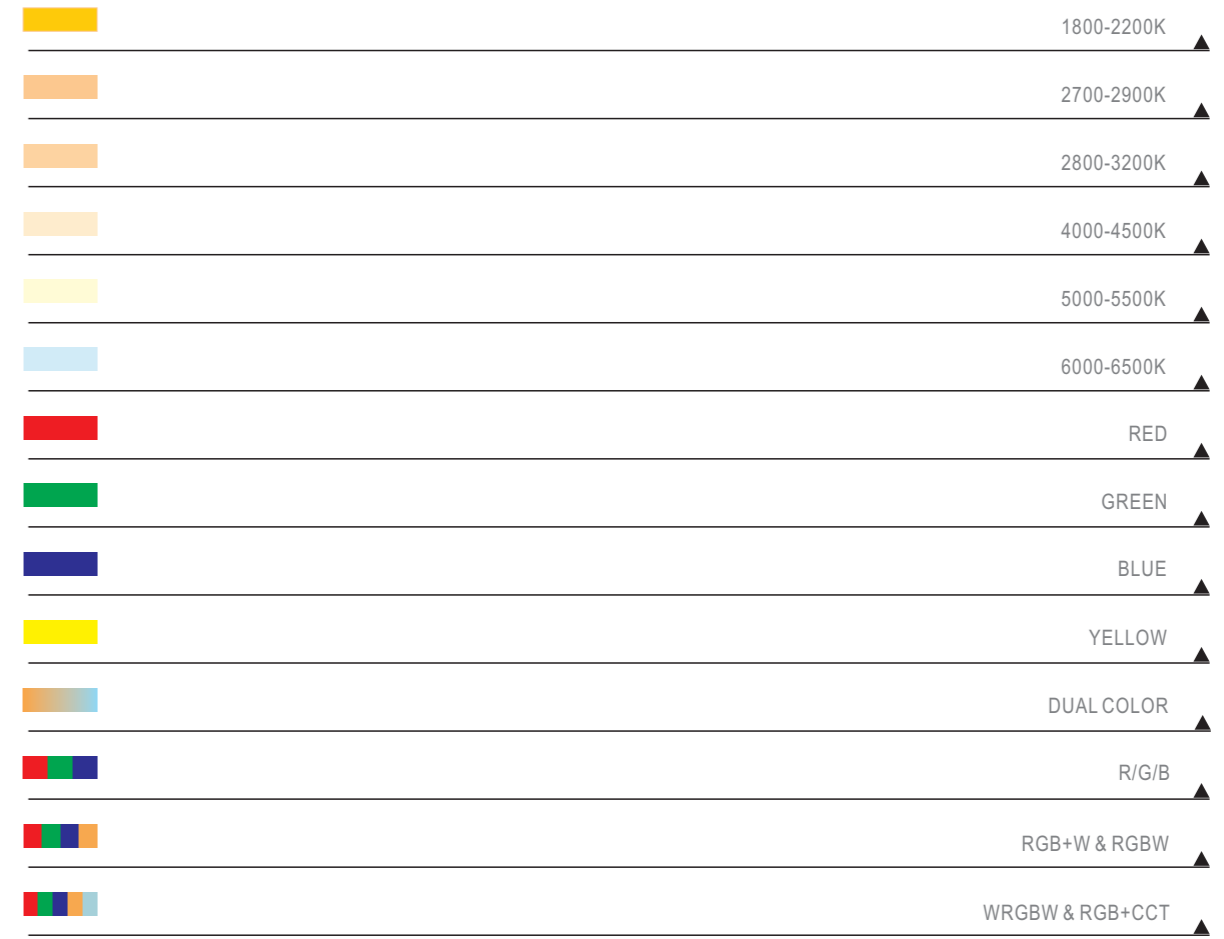
FL - XX **FS** XXXX - XXX - XX - XX - **IP** XX



IP Rating Code for FINELED



Color & CCT for FINELED



CRI for FINELED

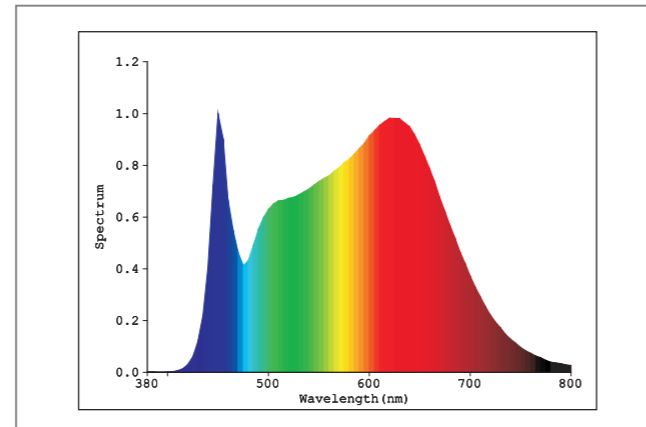
Ra >80	Ra >90	Ra 95+
CRI>80	CRI>90	CRI>95

Color Rendering Index (CRI) for Single Color

CRI>80 or CRI>90 is our premier choice.
 Under a low CRI, the colors agent right;
 Under a high CRI, the colors appear as they were originally intended;
 Under daylight, the candy looks the way it was supposed to...



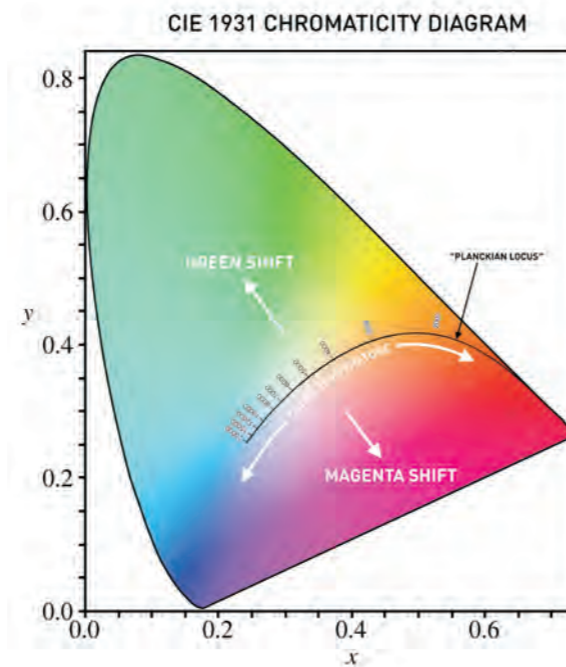
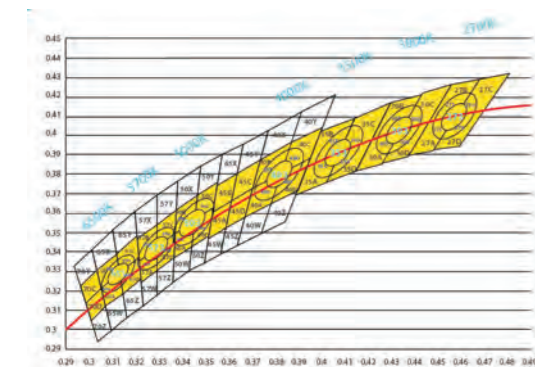
High CRI Vs. Low CRI



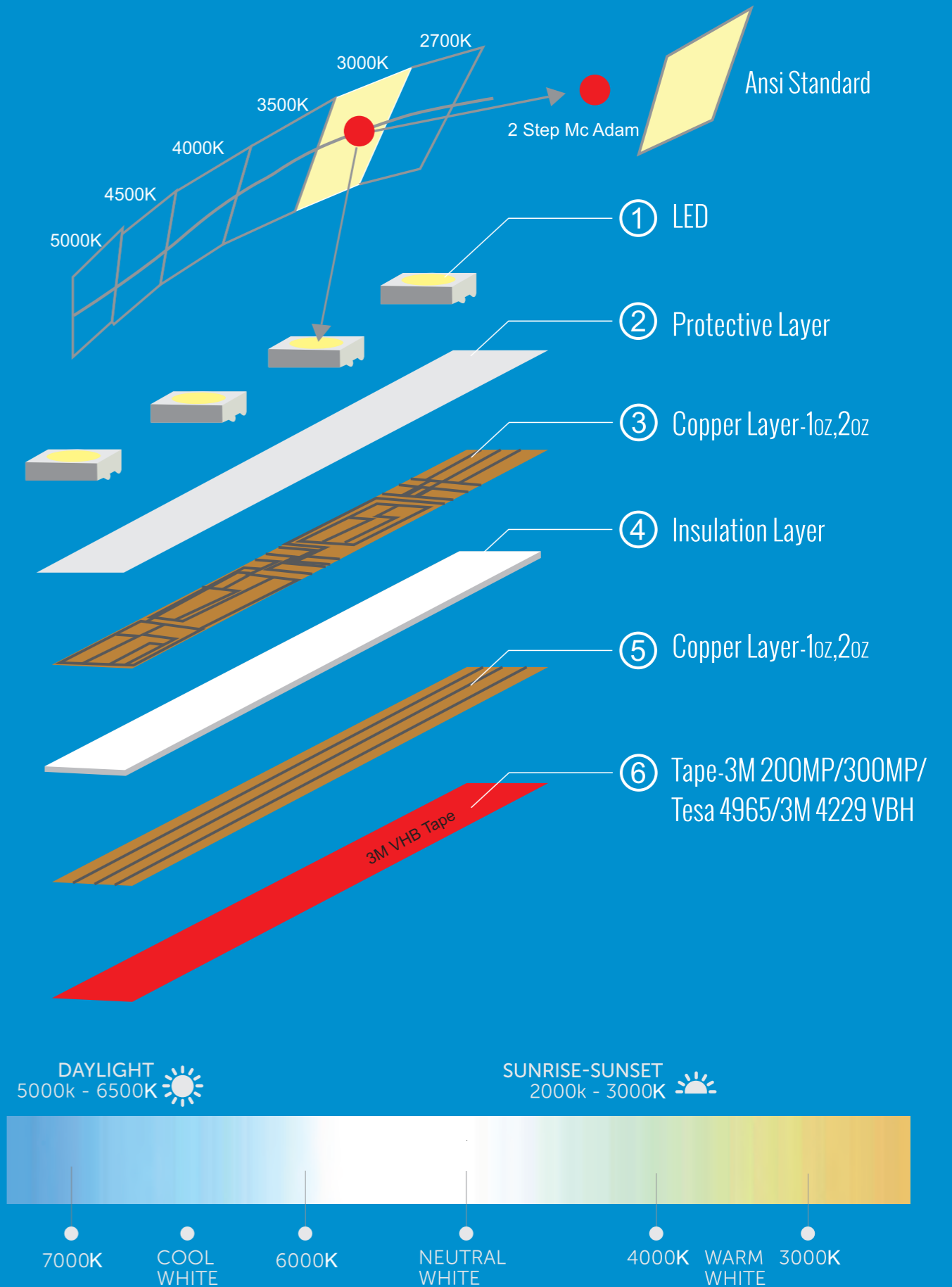
High CRI Spectrum

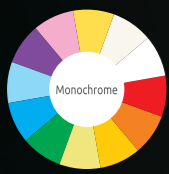
BIN & SDCM of FINELED

BIN of FINELED is sorted based on ANSI and good SDCM level.
 One order, One BIN, SDCM<5 or SDCM<3 for option.



LED STRIP STRUCTURE





LED NEON STRIP SIDE VIEW SMALL S0612C



FEATURES

- ◆ Ultra-mini type 6mm only, horizontal bending, flat surface
- ◆ Safe low voltage 24Vdc
- ◆ Dual-color silicon extrusion materials
- ◆ Enhanced SMD 2835 LED especially for neon strip products
- ◆ 120 LEDs 9w/m, can be cut with the smallest cutmark every 6 LEDs(50mm)
- ◆ UV resistant and salt mist proof
- ◆ Minimum bending diameter 3cm
- ◆ Wider application for signage, architectural decoration and local illumination
- ◆ 3 years warranty

TECHNICAL DATA

Part Number	Color	Voltage (VDC)	Dimension (mm)	LED Qty (Pcs/m)	Light Output (lm)	Cutting Unit (mm)	Length (m)	Power (watt/m)	View Angle (°)	CRI
FL-S0612C-W	W	24V	6x12	120pcs 2835	405lm	6 LEDs	5	9W	120°	>80
FL-S0612C-NW	NW	24V	6x12	120pcs 2835	380lm	6 LEDs	5	9W	120°	>80
FL-S0612C-WW	WW	24V	6x12	120pcs 2835	345lm	6 LEDs	5	9W	120°	>80
FL-S0612C-R	Red	24V	6x12	120pcs 2835	60lm	6 LEDs	5	9W	120°	/
FL-S0612C-G	Green	24V	6x12	120pcs 2835	130lm	6 LEDs	5	9W	120°	/
FL-S0612C-B	Blue	24V	6x12	120pcs 2835	40lm	6 LEDs	5	9W	120°	/

* The above measurements are based on IP65 which may have a 10% tolerance

Ra Option

Ra >80 Ra >90 Ra 95+

Color Option

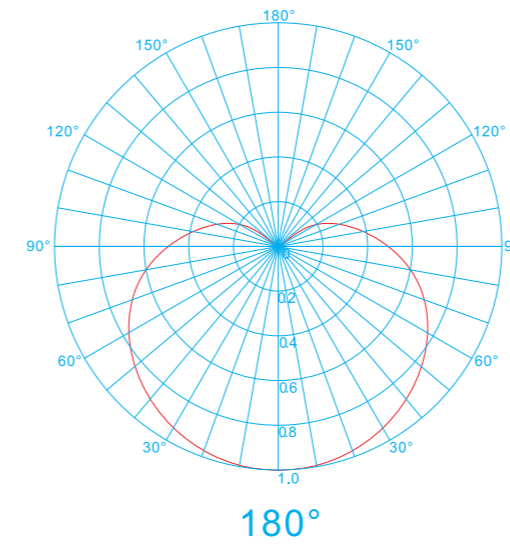
2200K 2700K 3000K
4000K 5000K 6000K
Red Green Blue

IP Grade Option

IP65B

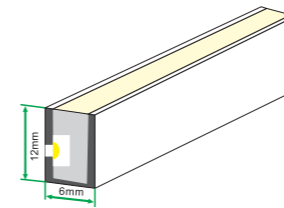
Icons: Warranty, 120° Beam, UV Resistant, Dimmable, 5m, Cuttable, CE, RoHS, UL LISTED E487408

LIGHT DISTRIBUTION CURVE

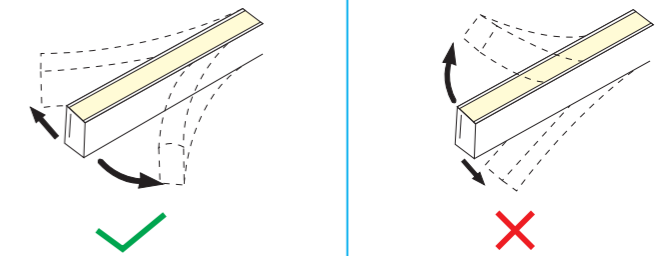


NEON FLEX PROFILE

Light profile

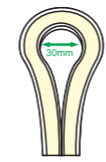


Bending Direction

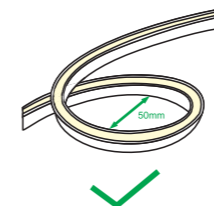


MINIMUM BENDING DIAMETER

Correct bending way



Face to the light surface, fold the strip, the minimum bending diameter is 30mm.



Light surface upwards, the strip is bendable to right or left naturally, the minimum bending diameter is 50mm.

Incorrect bending way



Face to the side surface, (as the picture shows) Donot bend downward to damage the strip.

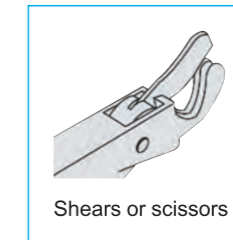


Face to the side surface, (as the picture shows) Donot bend upward to damage the strip.

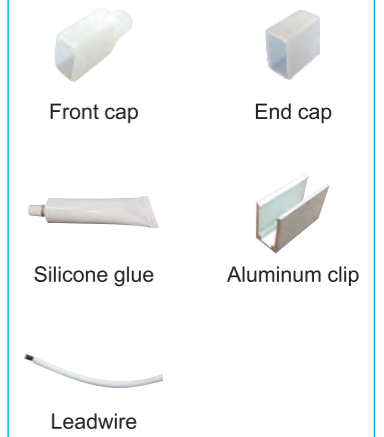


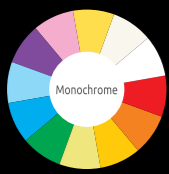
(as the picture shows) please do not twist the strip, or it will be damaged.

Self-provided Tools



Optional Parts





LED NEON STRIP DOMED SMALL S0817D



FEATURES

- ◆ Standard 8mm only, horizontal bending, flat surface
- ◆ Safe low voltage 24Vdc
- ◆ Dual-color silicon extrusion materials
- ◆ Enhanced SMD 2835 LED especially for neon strip products
- ◆ 120 LEDs 9w/m, can be cut with the smallest cutmark every 6 LEDs(50mm)
- ◆ UV resistant and salt mist proof
- ◆ Minimum bending diameter 5cm
- ◆ Wider application for signage, architectural decoration and local illumination
- ◆ 3 years warranty

TECHNICAL DATA

Part Number	Color	Voltage (VDC)	Dimension (mm)	LED Qty (Pcs/m)	Light Output (lm)	Cutting Unit (mm)	Length (m)	Power (watt/m)	View Angle (°)	CRI
FL-S0817D-W	W	24V	8x17	120pcs 2835	405lm	6 LEDs	5	9W	120°	>80
FL-S0817D-NW	NW	24V	8x17	120pcs 2835	380lm	6 LEDs	5	9W	120°	>80
FL-S0817D-WW	WW	24V	8x17	120pcs 2835	345lm	6 LEDs	5	9W	120°	>80
FL-S0817D-R	Red	24V	8x17	120pcs 2835	405lm	6 LEDs	5	9W	120°	/
FL-S0817D-G	Green	24V	8x17	120pcs 2835	380lm	6 LEDs	5	9W	120°	/
FL-S0817D-B	Blue	24V	8x17	120pcs 2835	345lm	6 LEDs	5	9W	120°	/

* The above measurements are based on IP65 which may have a 10% tolerance

Ra Option

Ra >80 Ra >90 Ra 95+

Color Option

2200K 2700K 3000K
4000K 5000K 6000K

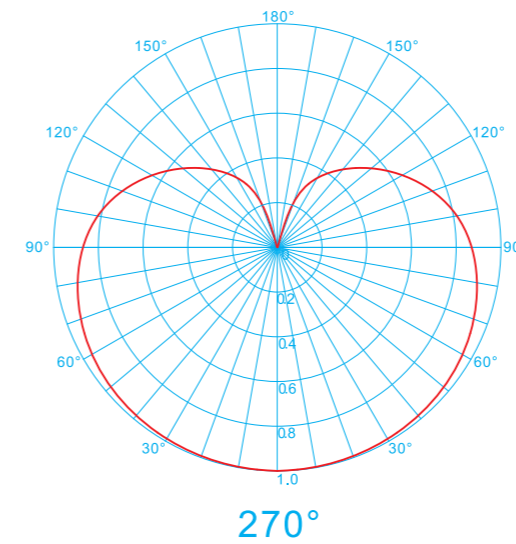
Red Green Blue

IP Grade Option

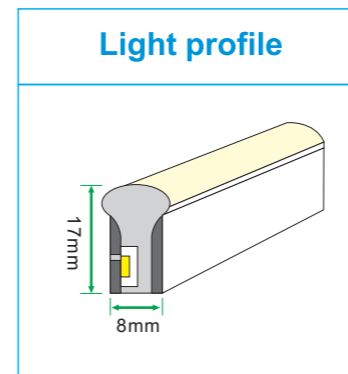
IP65B

Icons: Warranty, 120° Beam, UV Resistant, Dimmable, 5m, Cuttable, CE, RoHS, UL LISTED E487408

LIGHT DISTRIBUTION CURVE

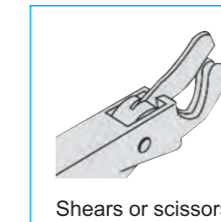


NEON FLEX PROFILE

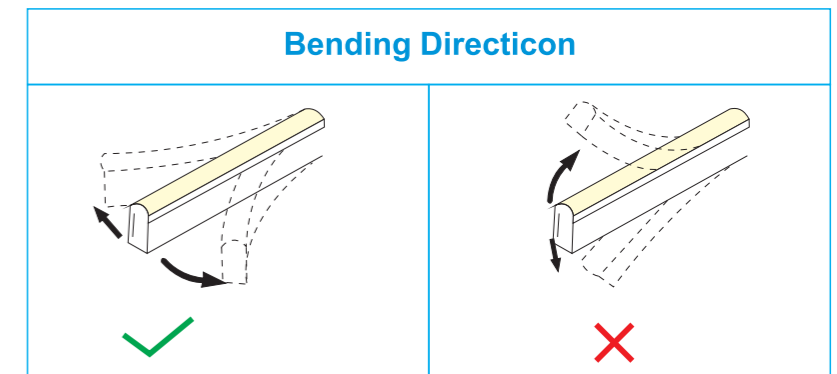
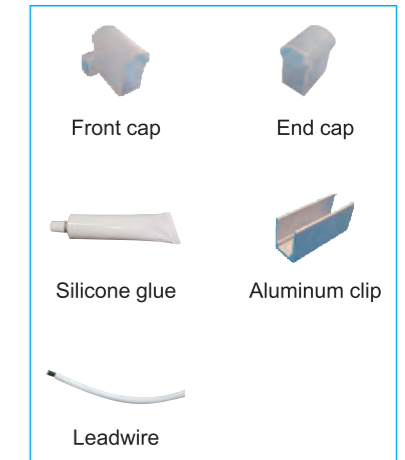


ACCESSORIES

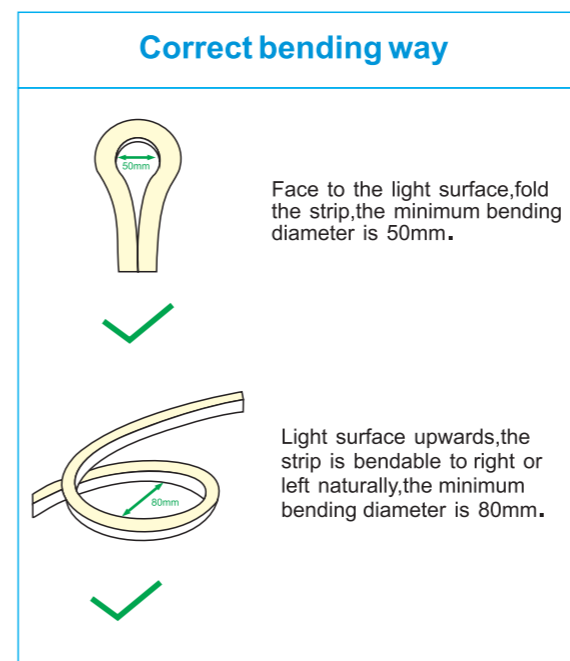
Self-provided Tools



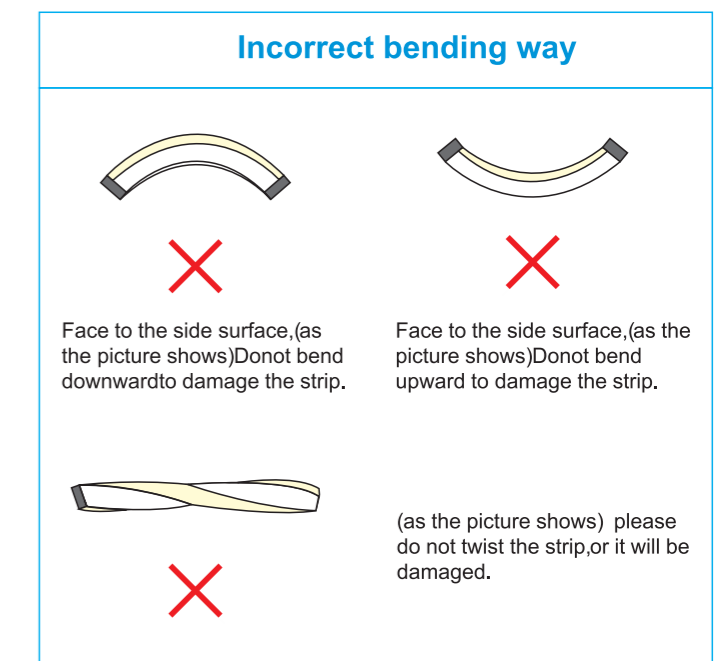
Optional Parts

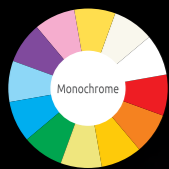


MINIMUM BENDING DIAMETER

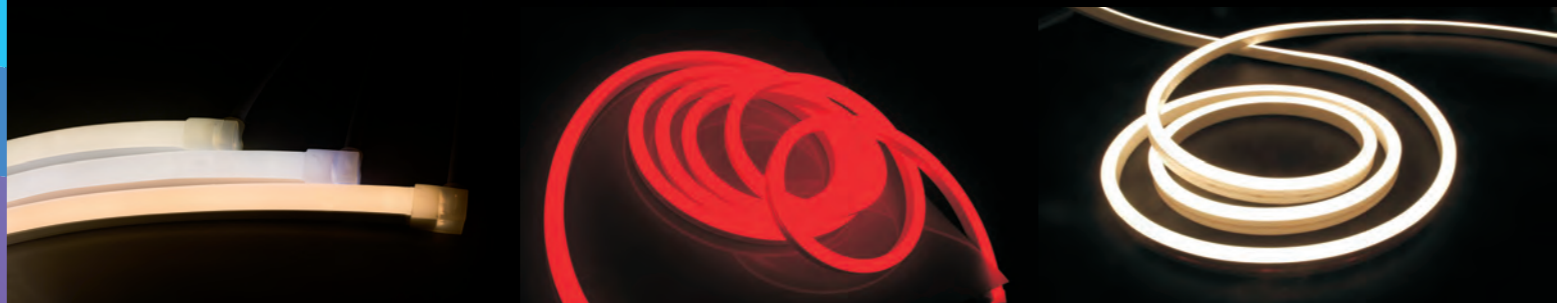


* The above measurements are based on IP20 which may have a 10% tolerance





LED NEON STRIP DOMED STANDARD S1225D



FEATURES

- ◆ Standard 12mm only, horizontal bending, flat surface
- ◆ Safe low voltage 24Vdc
- ◆ Dual-color silicon extrusion materials
- ◆ Enhanced SMD 2835 LED especially for neon strip products
- ◆ 120 LEDs 12w/m, can be cut with the smallest cutmark every 6 LEDs(50mm)
- ◆ UV resistant and salt mist proof
- ◆ Minimum bending diameter 8cm
- ◆ Wider application for signage, architectural decoration and local illumination
- ◆ 3 years warranty

TECHNICAL DATA

Part Number	Color	Voltage (VDC)	Dimension (mm)	LED Qty (Pcs/m)	Light Output (lm)	Cutting Unit (mm)	Length (m)	Power (watt/m)	View Angle (°)	CRI
FL-S1225D-W	W	24V	12x25	120pcs 2835	535lm	6 LEDs	5	9W	135°	>80
FL-S1225D-NW	NW	24V	12x25	120pcs 2835	470lm	6 LEDs	5	9W	135°	>80
FL-S1225D-WW	WW	24V	12x25	120pcs 2835	425lm	6 LEDs	5	9W	135°	>80
FL-S1225D-R	Red	24V	12x25	120pcs 2835	75lm	6 LEDs	5	9W	270°	/
FL-S1225D-G	Green	24V	12x25	120pcs 2835	150lm	6 LEDs	5	9W	270°	/
FL-S1225D-B	Blue	24V	12x25	120pcs 2835	50lm	6 LEDs	5	9W	270°	/

* The above measurements are based on IP65 which may have a 10% tolerance

Ra Option

Ra >80 Ra >90 Ra 95+

Color Option

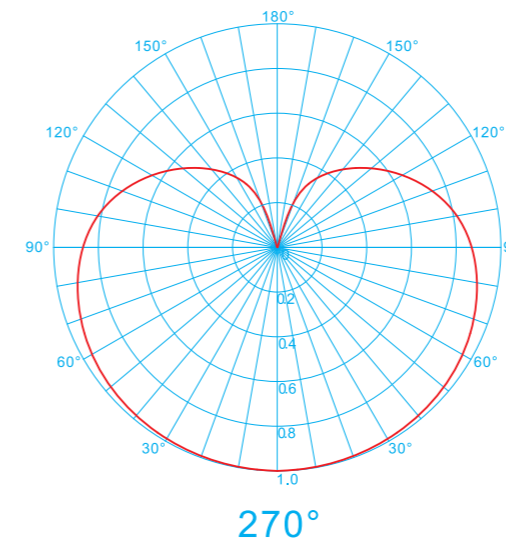
2200K 2700K 3000K
4000K 5000K 6000K
Red Green Blue

IP Grade Option

IP65B

Icons: Warranty, Beam, Dimmable, 5m, Cuttable, CE, RoHS, UL LISTED E487408

LIGHT DISTRIBUTION CURVE

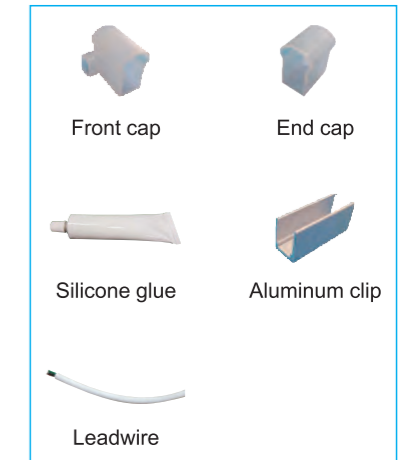


ACCESSORIES

Self-provided Tools

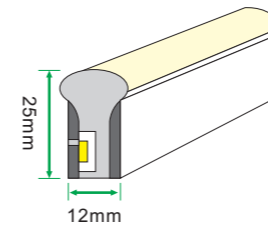


Optional Parts

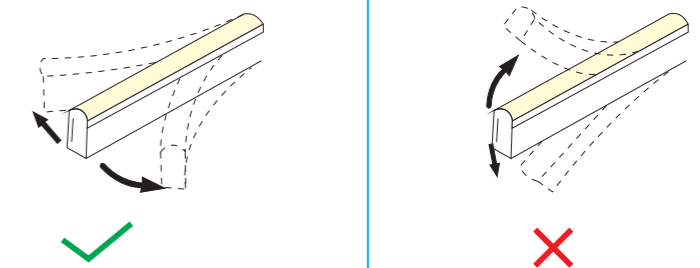


NEON FLEX PROFILE

Light profile

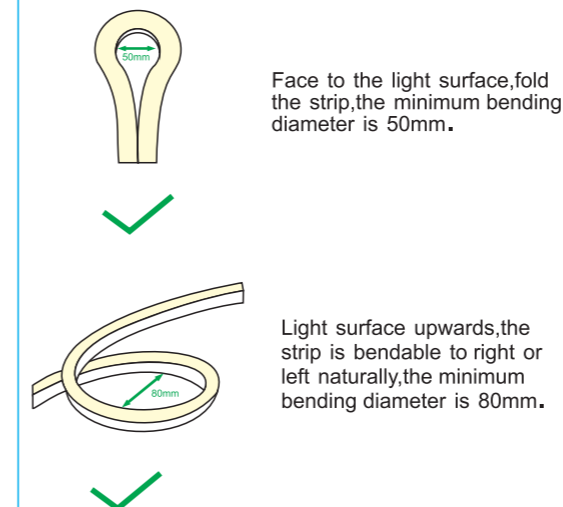


Bending Directicon

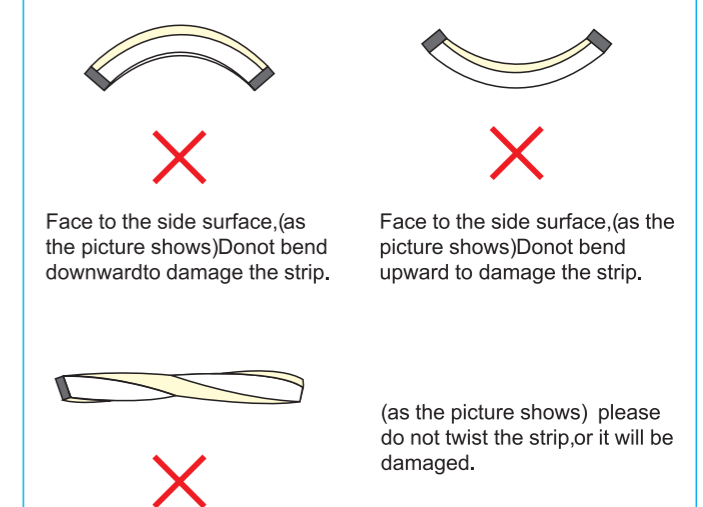


MINIMUM BENDING DIAMETER

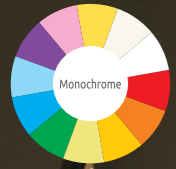
Correct bending way



Incorrect bending way



* The above measurements are based on IP20 which may have a 10% tolerance



LED NEON STRIP

TOP VIEW STANDARD S1010A



FEATURES

- ◆ Square shape 10x10mm only, horizontal bending, flat surface
- ◆ Safe low voltage 24Vdc
- ◆ Dual-color silicon extrusion materials
- ◆ Enhanced SMD 2835 LED especially for neon strip products
- ◆ 168 LEDs 9w/m, can be cut with the smallest cutmark every 6 LEDs(50mm)
- ◆ UV resistant and salt mist proof, waterproof ip65
- ◆ Minimum bending diameter 5cm
- ◆ Wider application for signage, architectural decoration and local illumination
- ◆ 3 years warranty

TECHNICAL DATA

Part Number	Color	Voltage (VDC)	Dimension (mm)	LED Qty (Pcs/m)	Light Output (lm)	Cutting Unit (mm)	Length (m)	Power (watt/m)	View Angle (°)	CRI
FL-S1010A-W	W	24V	10x10	168pcs 2835	635lm	6 LEDs	5	9W	120°	>80
FL-S1010A-NW	NW	24V	10x10	168pcs 2835	580lm	6 LEDs	5	9W	120°	>80
FL-S1010A-WW	WW	24V	10x10	168pcs 2835	525lm	6 LEDs	5	9W	120°	>80
FL-S1010A-R	Red	24V	10x10	168pcs 2835	315lm	6 LEDs	5	9W	120°	/
FL-S1010A-G	Green	24V	10x10	168pcs 2835	540lm	6 LEDs	5	9W	120°	/
FL-S1010A-B	Blue	24V	10x10	168pcs 2835	135lm	6 LEDs	5	9W	120°	/

* The above measurements are based on IP65 which may have a 10% tolerance

Ra Option

Ra >80 Ra >90 Ra 95+

Color Option

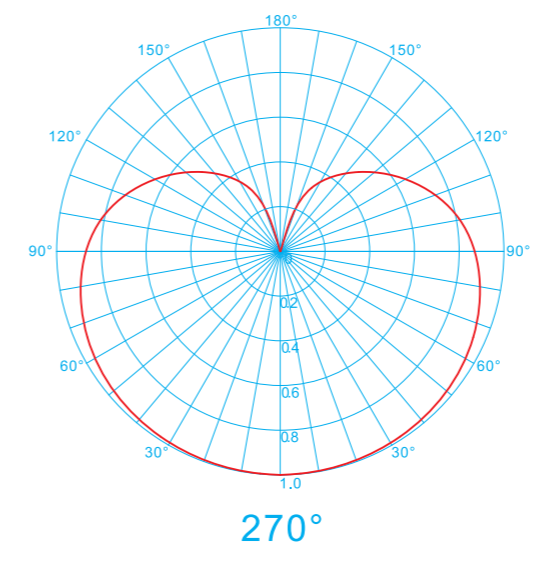
2200K 2700K 3000K
 4000K 5000K 6000K
 Red Green Blue

IP Grade Option

IP65B

Icons: Warranty, 120° Beam, Dimmable, 5m, Cuttable, CE, RoHS, UL LISTED E487408

LIGHT DISTRIBUTION CURVE



ACCESSORIES

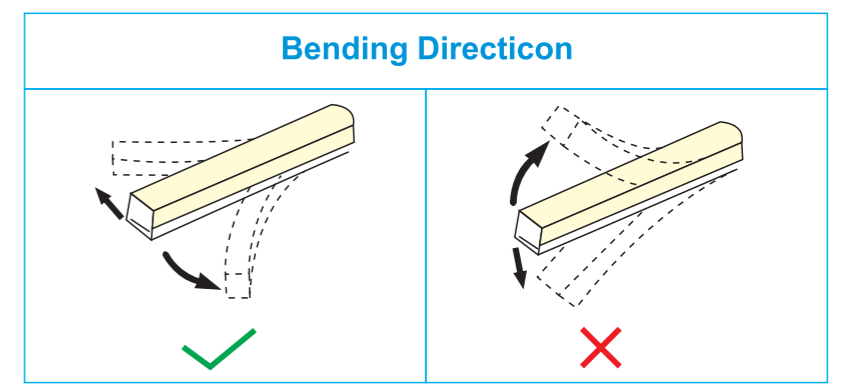
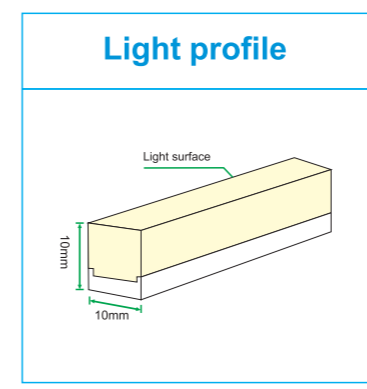
Self-provided Tools

Shears or scissors

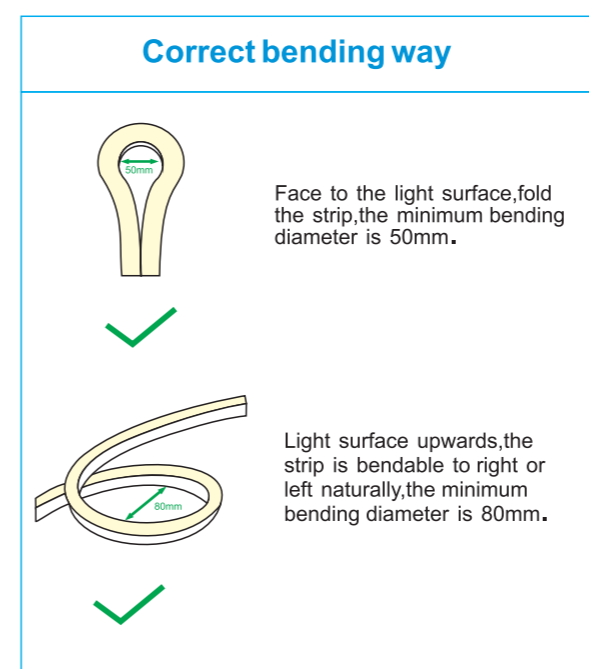
Optional Parts

Front cap End cap
 Silicone glue Aluminum clip
 Leadwire

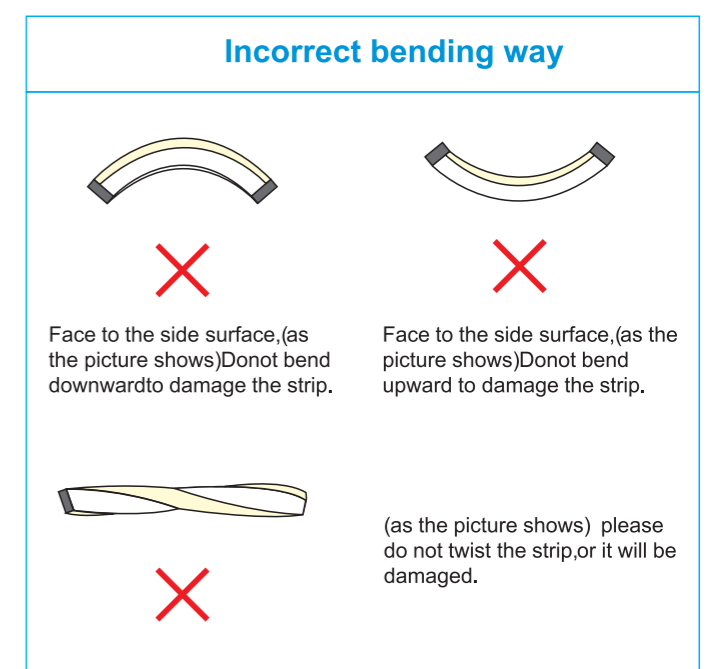
NEON FLEX PROFILE

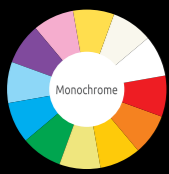


MINIMUM BENDING DIAMETER



* The above measurements are based on IP20 which may have a 10% tolerance





LED NEON STRIP SIDE VIEW STANDARD S1220C



FEATURES

- Standard 12mm only, horizontal bending, flat surface
- Safe low voltage 24Vdc
- Dual-color silicon extrusion materials
- Enhanced SMD 2835 LED especially for neon strip products
- 120 LEDs 12w/m, can be cut with the smallest cutmark every 6 LEDs(50mm)
- UV resistant and salt mist proof
- Minimum bending diameter 3cm
- Wider application for signage, architectural decoration and local illumination
- 3 years warranty

TECHNICAL DATA

Part Number	Color	Voltage (VDC)	Dimension (mm)	LED Qty (Pcs/m)	Light Output (lm)	Cutting Unit (mm)	Length (m)	Power (watt/m)	View Angle (°)	CRI
FL-S1220C-W	W	24V	12x20	120pcs 2835	535lm	6 LEDs	5	12W	120°	>80
FL-S1220C-NW	NW	24V	12x20	120pcs 2835	470lm	6 LEDs	5	12W	120°	>80
FL-S1220C-WW	WW	24V	12x20	120pcs 2835	425lm	6 LEDs	5	12W	120°	>80
FL-S1220C-R	Red	24V	12x20	120pcs 2835	75lm	6 LEDs	5	12W	120°	/
FL-S1220C-G	Green	24V	12x20	120pcs 2835	150lm	6 LEDs	5	12W	120°	/
FL-S0612C-B	Blue	24V	12x20	120pcs 2835	50lm	6 LEDs	5	12W	120°	/

* The above measurements are based on IP65 which may have a 10% tolerance

Ra Option

Ra >80 Ra >90 Ra 95+

Color Option

2200K 2700K 3000K

4000K 5000K 6000K

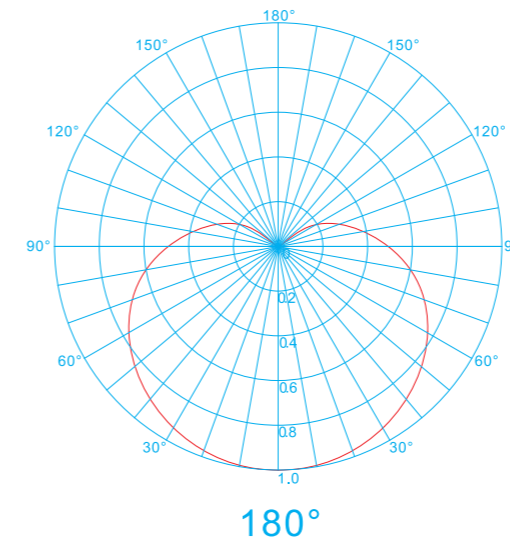
Red Green Blue

IP Grade Option

IP65B

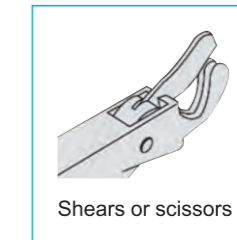
Icons: Warranty, 120° Beam, UV Resistant, Dimmable, 5m, Cuttable, CE, RoHS, UL LISTED E487408

LIGHT DISTRIBUTION CURVE

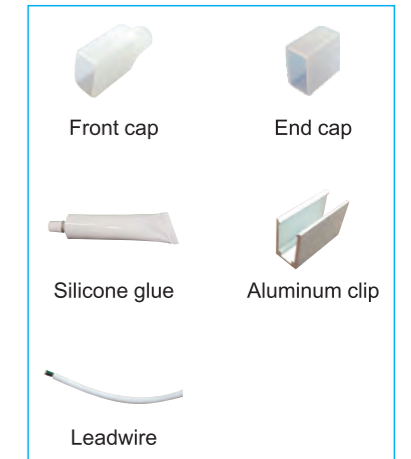


ACCESSORIES

Self-provided Tools

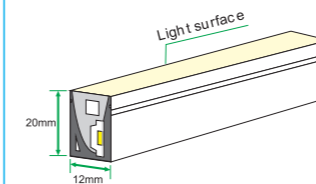


Optional Parts

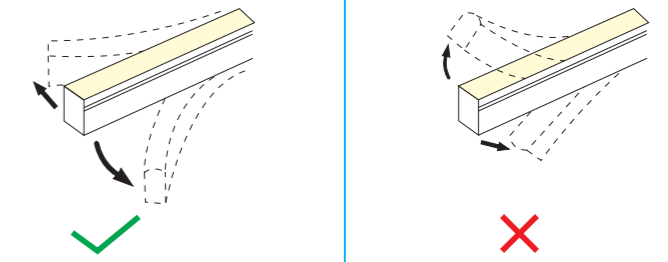


NEON FLEX PROFILE

Light profile



Bending Directicon

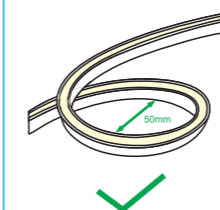


MINIMUM BENDING DIAMETER

Correct bending way

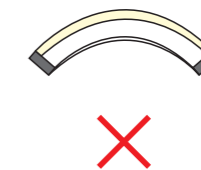


Face to the light surface, fold the strip, the minimum bending diameter is 30mm.

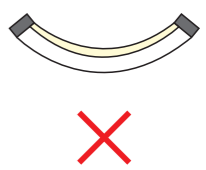


Light surface upwards, the strip is bendable to right or left naturally, the minimum bending diameter is 50mm.

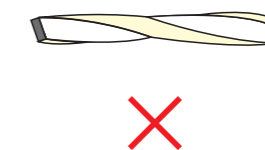
Incorrect bending way



Face to the side surface, (as the picture shows) Donot bend downward to damage the strip.



Face to the side surface, (as the picture shows) Donot bend upward to damage the strip.

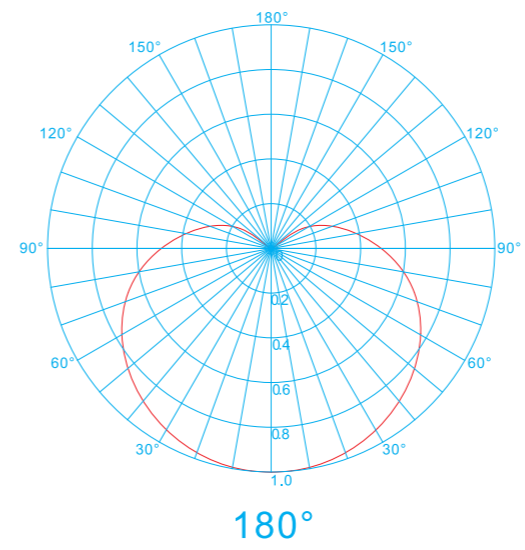


(as the picture shows) please do not twist the strip, or it will be damaged.

* The above measurements are based on IP20 which may have a 10% tolerance



LIGHT DISTRIBUTION CURVE

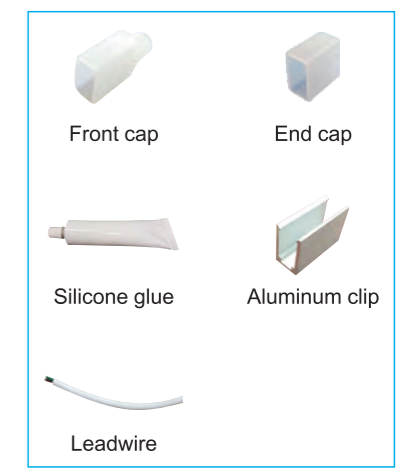


ACCESSORIES

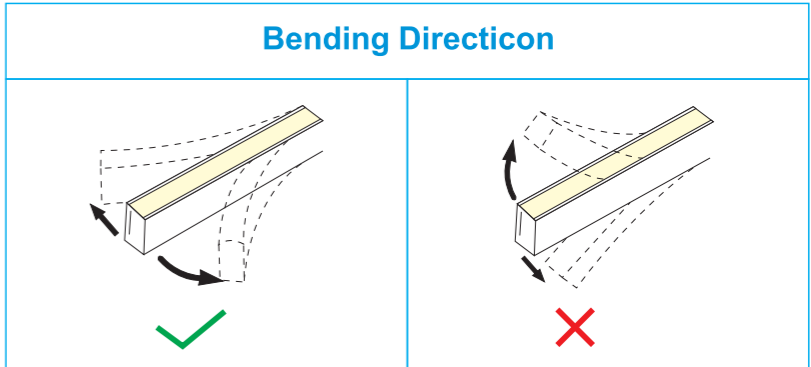
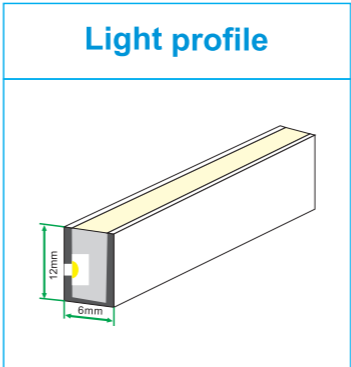
Self-provided Tools



Optional Parts



NEON FLEX PROFILE



LED NEON STRIP SIDE VIEW SMALL S0612C RGB

FEATURES

- Ultra-mini type 3mm only, horizontal bending, RGB colorful color changing
- Safe low voltage 5Vdc
- Dual-color silicon extrusion materials
- Enhanced SMD 2025 LED and IC 2811 especially for neon strip products
- 96 LEDs 17.5w/m, can be cut with the smallest cutmark every 6 LEDs(50mm)
- UV resistant and salt mist proof and waterproof ip65
- Minimum bending diameter 3cm
- Wider application for signage, architectural decoration and local illumination
- 3 years warranty

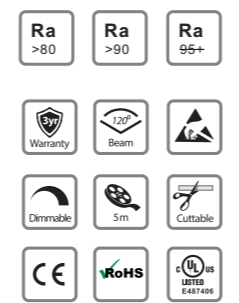
Color Option



IP Grade Option



Ra Option

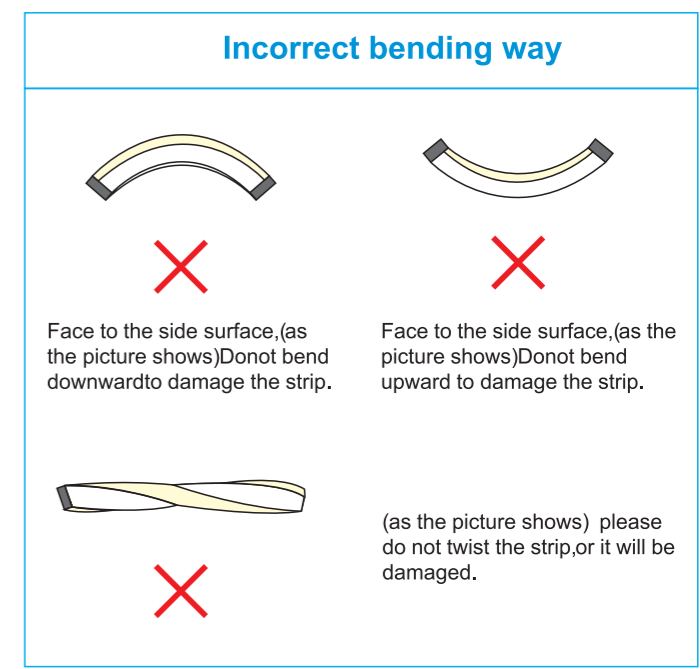
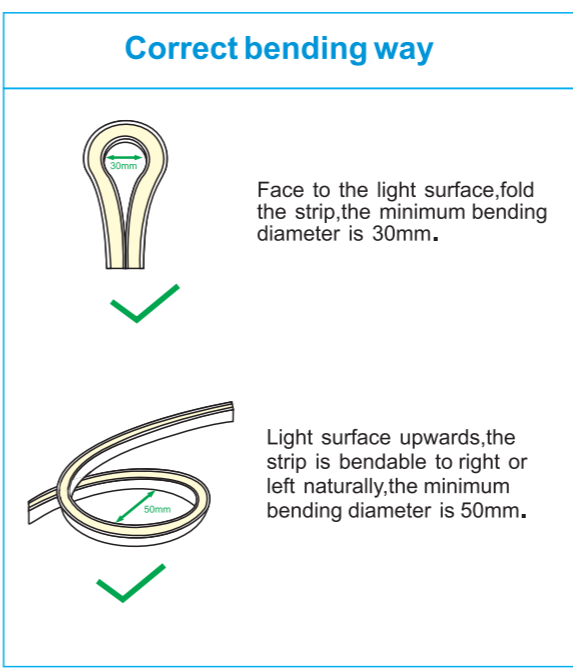


TECHNICAL DATA

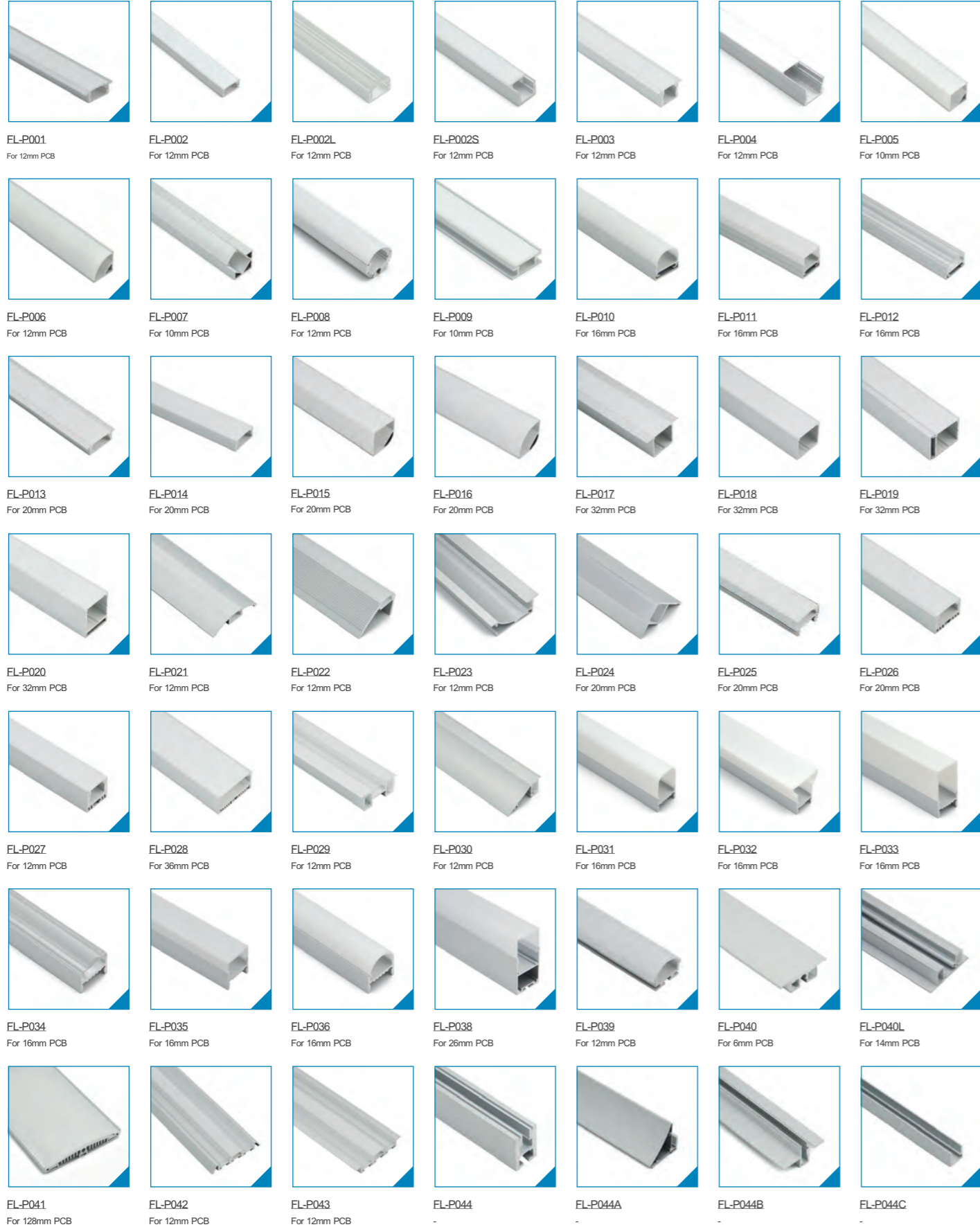
Part Number	Color	Voltage (VDC)	Dimension (mm)	LED Qty (Pcs/m)	IC Type	Cutting Unit (mm)	Length (m)	Power (watt/m)	View Angle (°)	CRI
FL-S0612C-ARGBI	RGB	5V	6x12	96pcs 2025	2811	6 LEDs	5	17.5W	180°	>80

* The above measurements are based on IP65 which may have a 10% tolerance

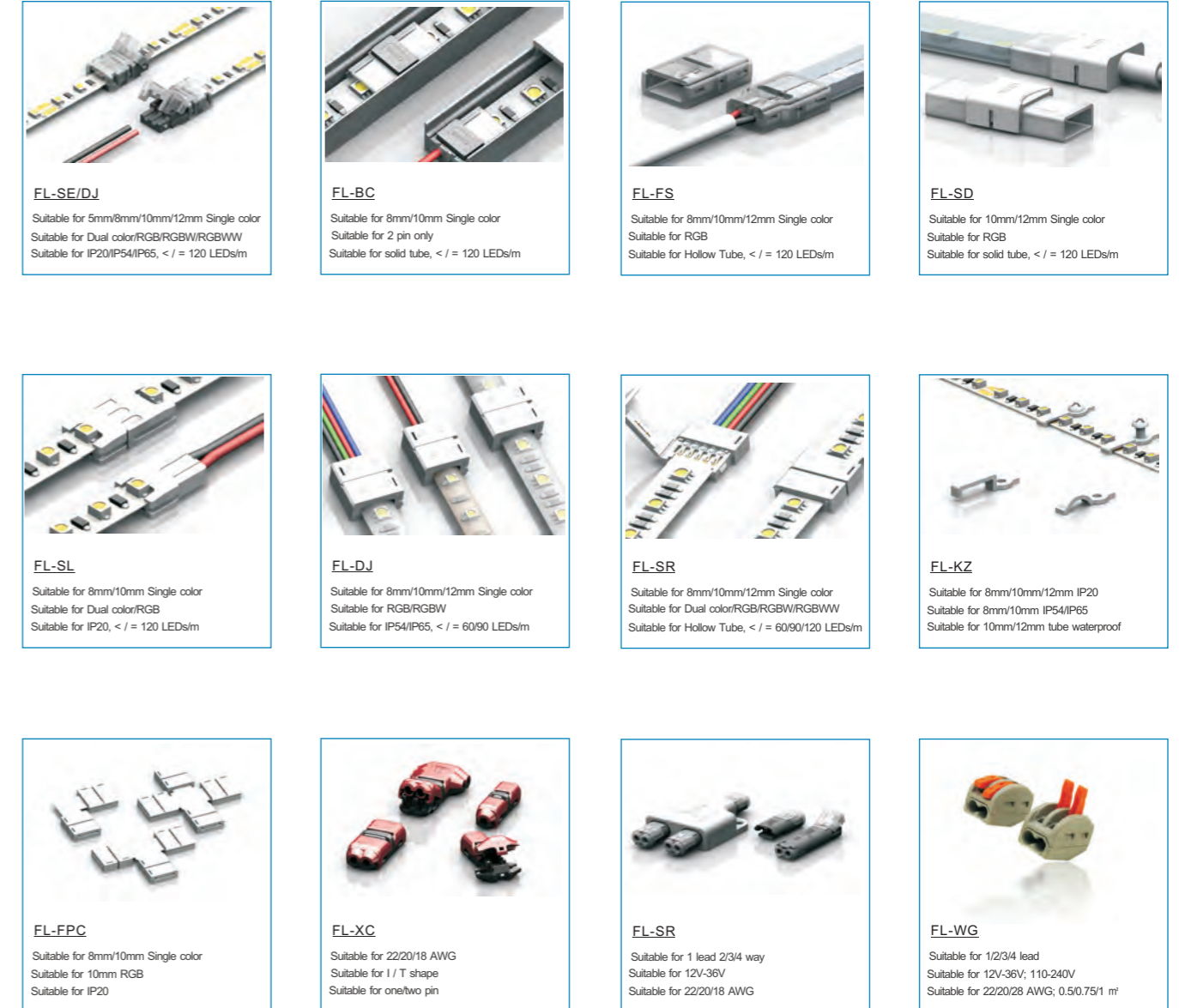
MINIMUM BENDING DIAMETER



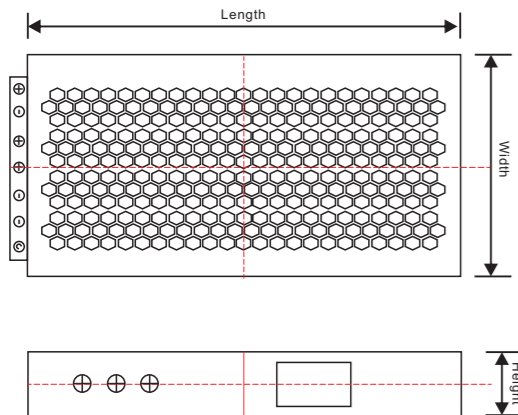
PROFILES FOR LED STRIPS



CONNECTORS



NON WATERPROOF POWER SUPPLY



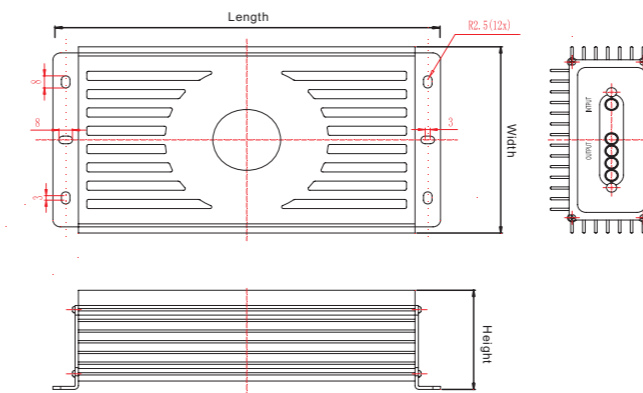
Model	Length (mm)	Width (mm)	Height (mm)
FL-12030G	110	78	38
FL-12060G	159	98	38
FL-12100G	199	98	38
FL-12150G	199	98	38

TECHNICAL DATA

Model	Color	Power (W)	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Power Efficiency (PF)	Typical Efficiency	Temperature (°C)	Certificates	Warranty (y)
FL-12030G	/	30W	220-240V	12V/24V	2.5A/1.25A	>0.9	85%	-40-50	CE RoHS	3
FL-12060G	/	60W	220-240V	12V/24V	5A/2.5A	>0.9	85%	-40-50	CE RoHS	3
FL-12100G	/	100W	220-240V	12V/24V	8.3A/5A	>0.9	88%	-40-50	CE RoHS	3
FL-12150G	/	150W	220-240V	12V/24V	12.5A/6.25A	>0.9	90%	-40-50	CE RoHS	3

* The above measurements are based on IP65 which may have a 10% tolerance

WATERPROOF POWER SUPPLY



Model	Length (mm)	Width (mm)	Height (mm)
FL-12030Q	222	29	20
FL-12060Q	180	68	53
FL-12100Q	242	68	53
FL-12150Q	242	68	53

TECHNICAL DATA

Model	Color	Power (W)	Input Voltage (V)	Output Voltage (V)	Output Current (A)	Power Efficiency (PF)	Typical Efficiency	Temperature (°C)	Certificates	Warranty (y)
FL-12030Q	/	30W	220-240V	12V/24V	2.5A/1.25A	>0.9	85%	-40-50	CE RoHS	3
FL-12060Q	/	60W	220-240V	12V/24V	5A/2.5A	>0.9	85%	-40-50	CE RoHS	3
FL-12100Q	/	100W	220-240V	12V/24V	8.3A/5A	>0.9	88%	-40-50	CE RoHS	3
FL-12150Q	/	150W	220-240V	12V/24V	12.5A/6.25A	>0.9	90%	-40-50	CE RoHS	3

* The above measurements are based on IP65 which may have a 10% tolerance

**SMART
LED STRIP
CONTROLLERS**



**Model No.: LS1
4 IN 1 Smart LED Controller**

Model No.	Input Voltage	Output	Working Temperature	Control Distance	Size
LS1	DC12V-24V	Max. 6A/Channel Total output Max.15A	-20-60°C	30m	138*22.5*35mm

Features

2.4GHz RF remote controllable, WiFi enabled smart phone control. Dimmable & color temperature adjustable color changing & saturation control. With the function of automatic signal transmitting, one can send signal to another, which makes the distance limitless.

- 99-Zone**
One remote can control many track lights at the same time or individually, totally up to 99-zone, up to 9999 lights.
- Optional: RGBW / Dual White / Single White**
Dimmable & Color temperature Adjustable, Color Changing & Saturation Control.
- Auto-transmitting function**
One can send signal to another, which makes the distance limitless.

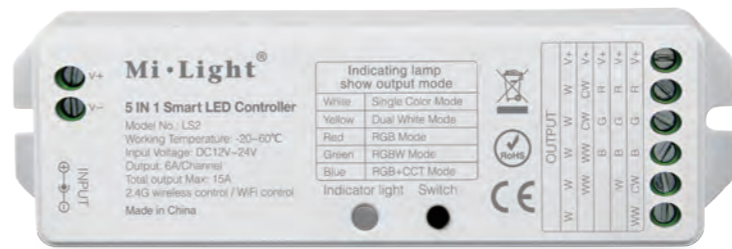
- 2.4GHz RF Transmission Tech**
Low power consumption, long distance control, anti-interference, and high communication speed.
- Smart phone App control**
Mi-Light WiFi iBox is needed



Remote Controller Model No.: FUT090



APP control Mi-Light WiFi iBox is needed

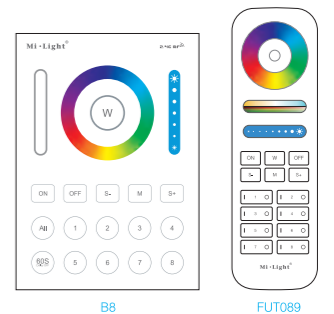


**Model No.: LS2
5 IN 1 Smart LED Controller**

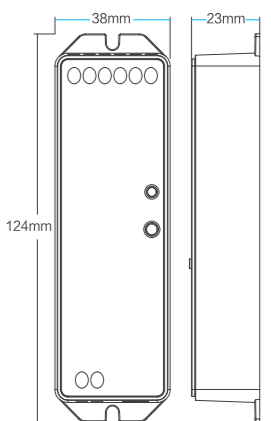
Model No.	Input Voltage	Output	Working Temperature	Control Distance	Size
LS2	DC12V-24V	Max. 6A/Channel Total output Max.15A	-20-60°C	30m	124*38*23mm

5 in 1 (RGB+CCT / RGBW / Dual White / Single White), controlled by wireless remote controller, also with smart phone control and 4G long distance control (need WiFi box). Dimmable & Color temperature Adjustable, Color Changing & Saturation Control. The controller has auto-transmitting and auto-synchronizing function

- 2.4GHz RF Transmission Tech**
Low power consumption, long distance control, anti-interference, and high communication speed.
- Optional: RGB+CCT / RGBW / Dual White / Single White**
Dimmable & Color temperature Adjustable, Color Changing & Saturation Control.
- Smart phone App control**
Mi-Light WiFi iBox is needed
- Auto-transmitting function**
One can send signal to another, which makes the distance limitless.



B8 FUT089



**Model No.: LS3
Dual White Panel Light Control System**

Model No.	Input Voltage	Output Voltage	Output Current	Working Temperature	Control Distance	Size
LS3	DC42V-45V	DC30V-40V	900mA	-20-60°C	30m	124*38*23mm

The controller has auto-transmitting function and with CCT and Brightness output mode. Controlled by wireless 2.4GHz RF remote controller, also with smart phone control and 4G long distance control (need WiFi box).

- 2.4GHz RF Transmission Tech**
Low power consumption, long distance control, anti-interference, and high communication speed.
- Optional: Dual White / Single White**
Dimmable & Color temperature adjustable
- Smart phone App control**
Mi-Light WiFi iBox is needed
- Auto-transmitting function**
One can send signal to another, which makes the distance limitless.

