



LED Flexible Strip 5730 Series LM5730-60D-12V/24V



Product feature

- ◆ 5 meters roll, every 60 meters lamp, the theoretical power per meter 12V 15W, 24V 18W ,Power rating:12V 75W/5M 24V 90W/5M,angle light 120 degrees. 55-62lm of each light bead can be customized according to needed.
- ◆ curved, soft, soft and compact, back with 3M double-sided adhesive can be installed in the concave convex surface, easy to install.
- ◆ each 5 or 10cm , three or six beads can be used as a unit of shear, cut does not affect other parts. 5 meters in length can be adjusted according to production requirements.
- ◆ low voltage 12V, 24V safe DC voltage drive, people and animals can be directly contact, safe and reliable.
- ◆ low power consumption, low fever, no glare, impact resistance, energy saving and environmental protection.
- ◆ can be customized to glue dust (IP65), (IP66), silicone casing waterproof glue waterproof (IP68);

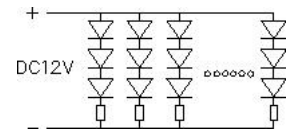
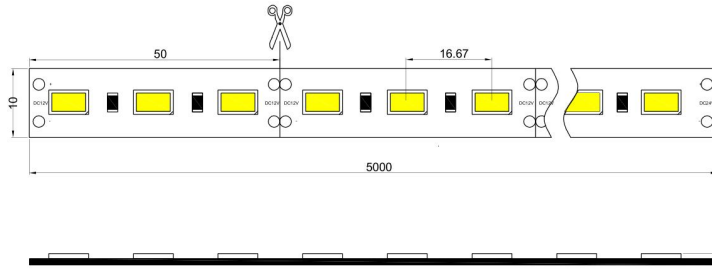


Technical parameters

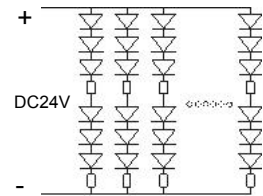
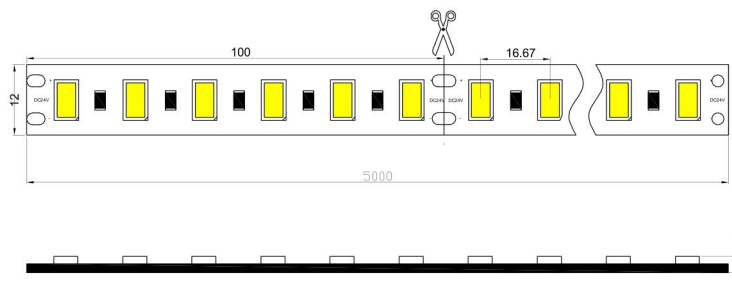
Mode	LED Q'ty/M	Color	CCT/Chromaticity	Lumen/led(lm)	CRI(Ra)	Voltage (V DC)	Current (A/m)	Max.Power Consumption(W/m)	FPC Width/thickness
LM5730-WN-60	5630SMD 60PCS/M	Natural White	4000-4200K	57-62lm	75-90	12/24V	1.25A/0.75A	12V 15W/m 24V 18-21W/m	10mm/12V 2Ounce 12mm/24V 4Ounce
		White	6000-6500K	57-62lm					
		warm white	2600-2800K	55-60lm					
		warm white	3000-3200K	55-60lm					
		Red	617-627nm	--					
		Blue	464-474nm	--					
		Green	515-525nm	--					
		Yellow	585-600nm	--					

Dimension(mm/inch)

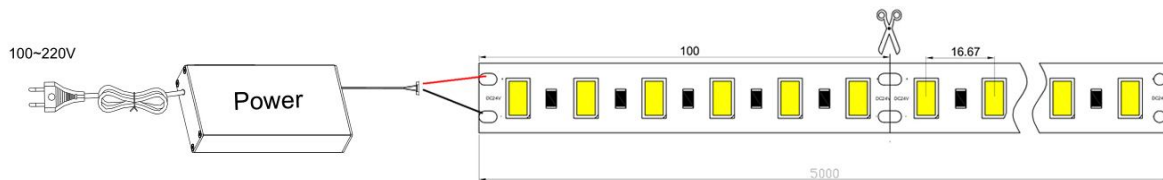
12V



24V

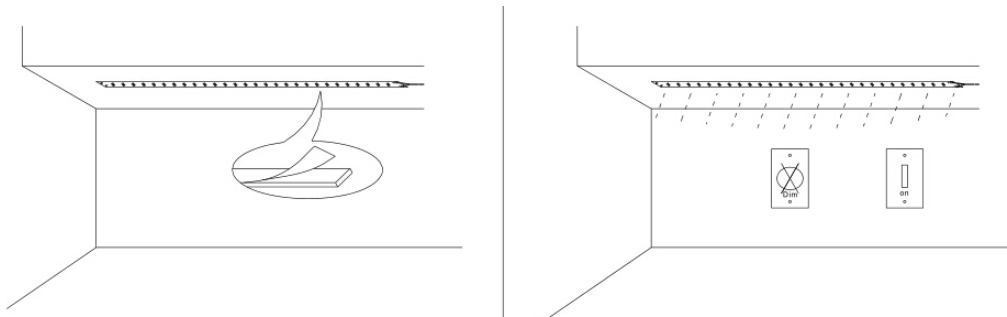


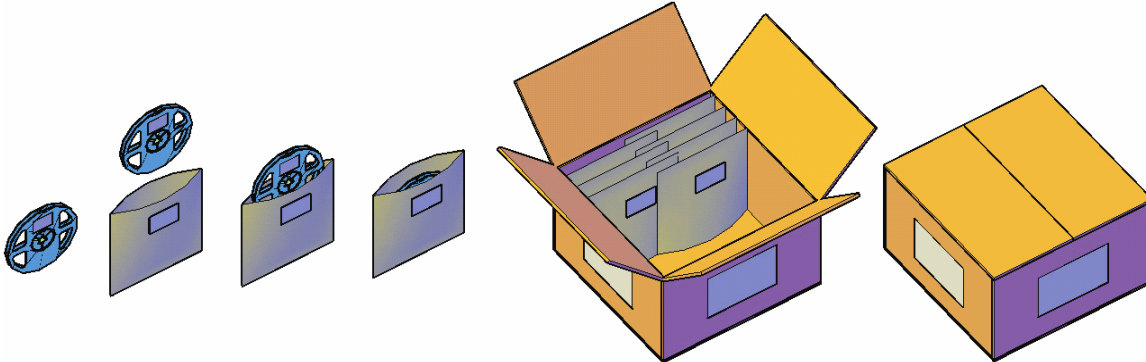
Linking operation



Notes: In order to better achieve product luminous effect, each 5 meters long lamp with power supply cable (regional), suggest that are connected to the power line

installation

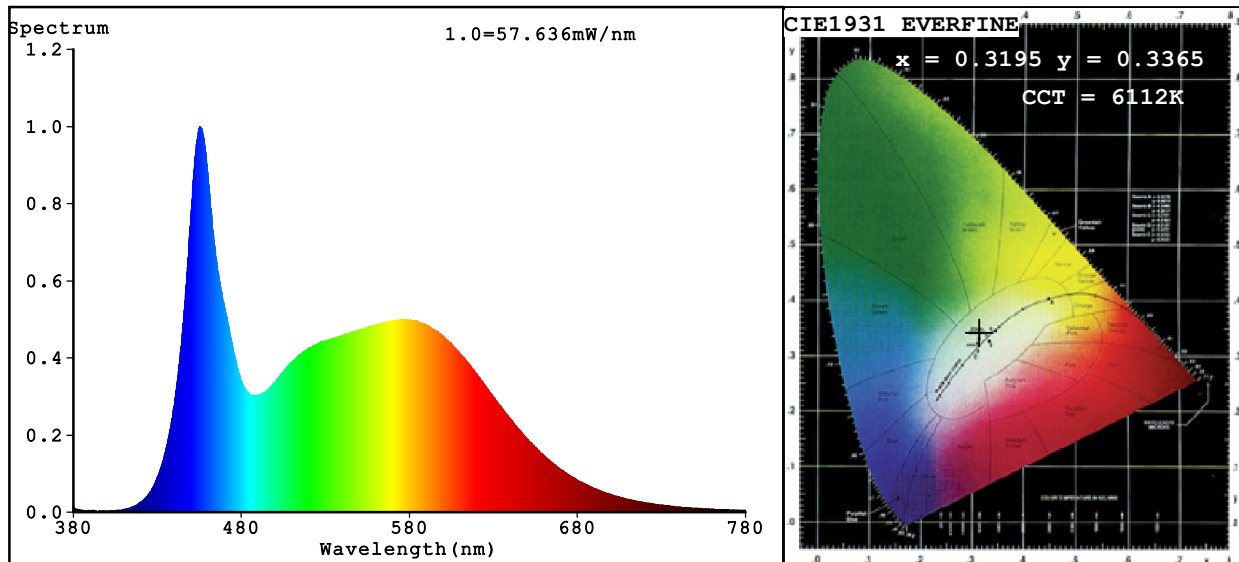




Safety Information

- The strip itself and all its components may not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED ribbon (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Correct electrical polarity needs to be observed. Wrong polarity may destroy the strip.
- Parallel connection is highly recommended as safe electrical operation mode.
- Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the strip.
- Please ensure that the power supply is of adapters power to operate the total load.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
- Pay attention to standard ESD precautions when installing the strip.
- Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3195$ $y=0.3365$ $u'=0.1997$ $v'=0.4733$
 CCT=6112K (Duv=0.0037) Dominant WL:Ld =494.6nm Purity=4.5%
 Ratio:R=13.9% G=79.9% B=6.2% Peak WL:Lp=455.3nm FWHM=25.9nm
 Render Index:Ra=83.7
 R1 =82 R2 =93 R3 =94 R4 =79 R5 =82 R6 =87 R7 =85
 R8 =66 R9 =6 R10=81 R11=78 R12=60 R13=86 R14=97 R15=77

Photo Parameters:

Flux = 1843 lm Eff. : 97.12 lm/W Fe = 5.900 W
 Photosynthetic:PPF:26.216umol/m2/s PAR WATT:5818.1mW/m2 (400-700nm)

Electrical parameters:

V = 23.999 V I = 0.7908 A P = 18.98 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 84 ms Ip = 38247 (58%)

Model:LM5730-WN60-W-24V-白光
 Tester:Jim
 Temperature:25.3Deg
 Manufacturer:

Number:120
 Date:2019-04-26
 Humidity:65.0%
 Remarks:1M/ip20 1206/20R*4