



LED Flexible Strip 3014 Series LM3014-60D-12V/24V



Product feature

- ◆ 5 meters roll, every 60 meters lamp, the theoretical power per meter 6W ,Power rating:30W/5M , angle light 120 degrees. 13-15lm 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.
- ◆ Lamp strip supports external light regulator type: 0/1-10V PWM Dali Dimmable inductive switch controller.
- ◆ each 5 or 10 cm , 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 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);
- ◆ LED Life time: Mean time between failure(MTBF):50-100K hour

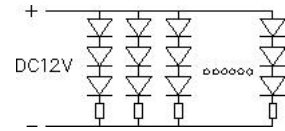
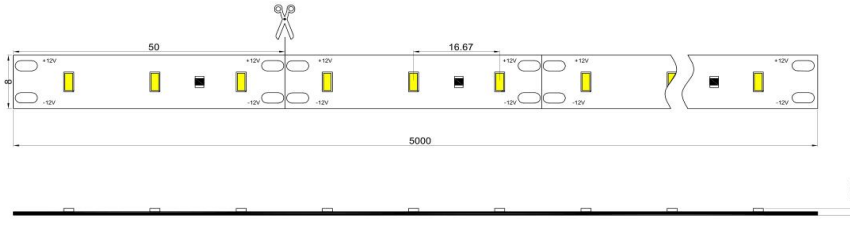


Technical parameters

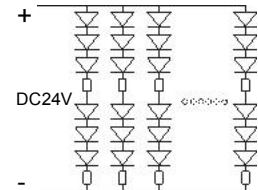
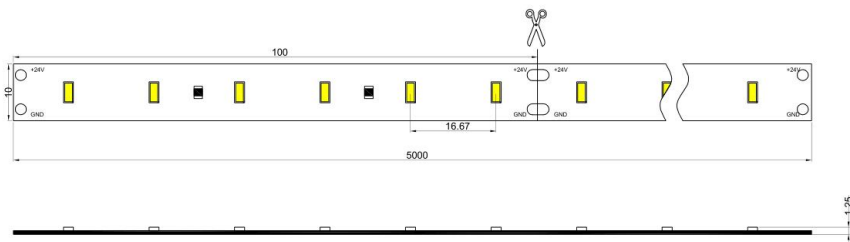
Mode	LED Q'ty/M	Color	CCT/Chromaticity	Lumen/led (lm)	CRI(Ra)	Voltage (V DC)	Electric current (A/m)	Power± 10%(W/m)	Lm/m ± 10%	FPCWidth /thickness
LM3014-WN-60	3014SMD 60PCS/M	Natural White	4000-4200K	13-15lm	75-90	12/24V	0.5/0.25A	6W/m	598LM	IP20
		White	6000-6500K							
		warm white	2600-2800K	12-15lm					586LM	IP65
		warm white	3000-3200K							
		Red	617-627nm	--					586LM	IP67
		Blue	464-474nm	--						
		Green	515-525nm	--					568LM	IP68
		Yellow	585-600nm	--						

Dimension(mm/inch)

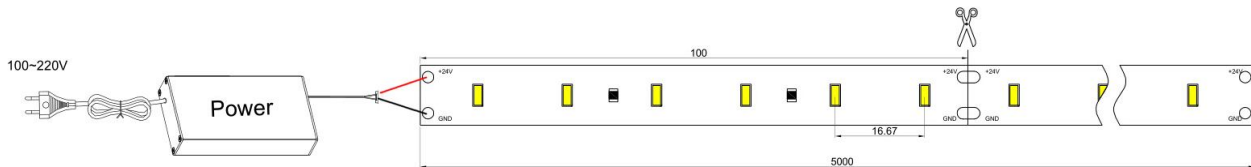
12V



24V

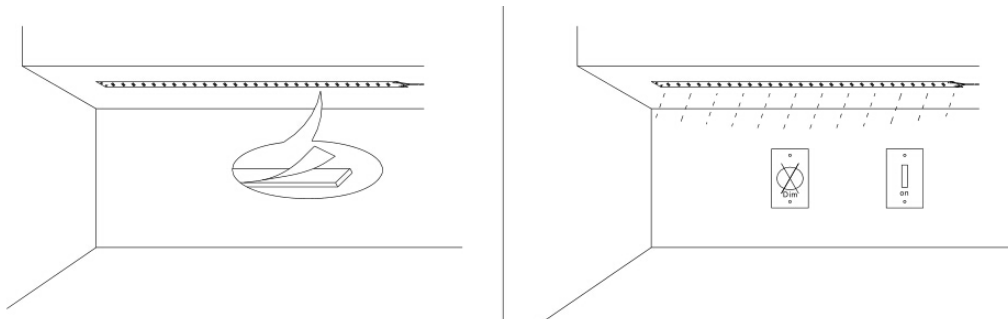


Linking operation

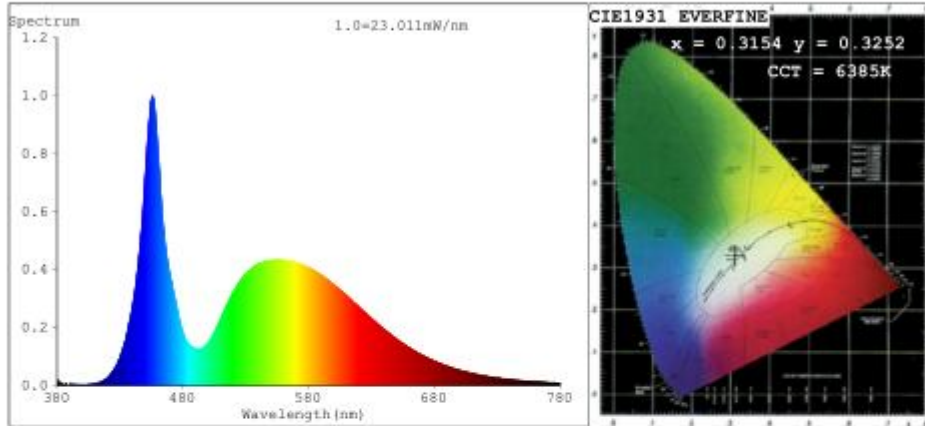


Notes: In order to better achieve product luminous effect, each 5 meters long lamp with power supply cable (regional), suggest that are connected to the power line

installation



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3154$ $y=0.3252/u'=0.2012$ $v'=0.4667$
 CCT=6385K(Duv=-0.0001) Dominant WL:Ld =485.7nm Purity=6.7%
 Ratio:R=13.2% G=81.8% B=5.0% Peak WL:Lp=456.1nm FWHM=19.9nm
 Render Index:Ra=78.2
 R1 =77 R2 =84 R3 =85 R4 =75 R5 =76 R6 =75 R7 =87
 R8 =67 R9 =0 R10=58 R11=70 R12=43 R13=79 R14=91 R15=75

Photo Parameters:

Flux = 597.7 lm Eff. : 104.43 lm/W Fe = 1.930 W

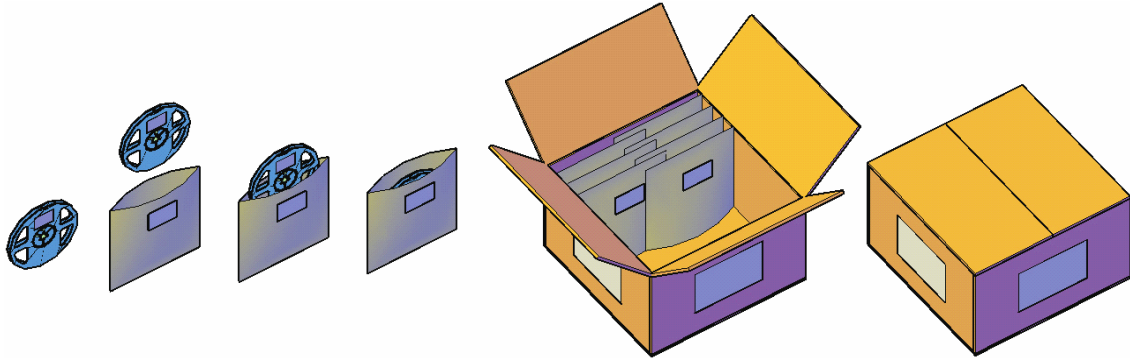
Electrical parameters:

V = 11.999 V I = 0.4770 A P = 5.724 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 215 ms Ip = 48119 (73%)

Model:LM301-60D-12V 6500K	Number:19
Tester:LI	Date:2015-09-09
Temperature:25.3Deg	Humidity:65.0%
Manufacturer:LEOMAY	Remarks:Size:8MM 2 Ounce 5.7W/M

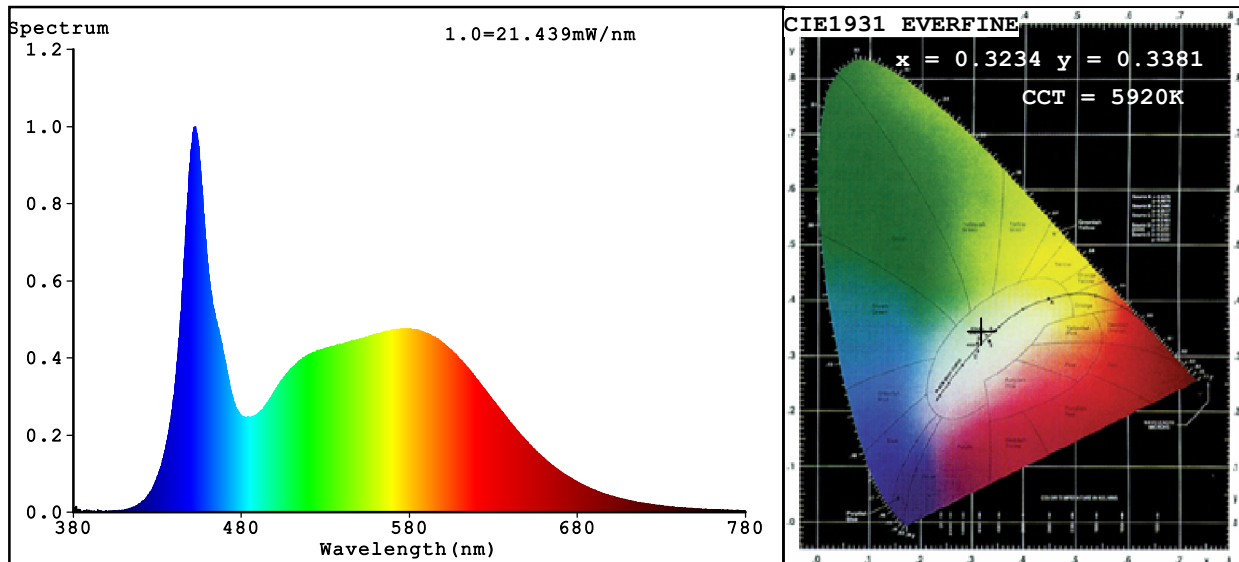
Product packaging



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: $x=0.3234$ $y=0.3381$ / $u'=0.2018$ $v'=0.4747$
 CCT=5920K (Duv=0.0026) Dominant WL: $L_d = 497.9nm$ Purity=3.1%
 Ratio: R=14.1% G=80.3% B=5.6% Peak WL: $L_p=452.4nm$ FWHM=21.2nm
 Render Index: Ra=83.3
 R1 =81 R2 =90 R3 =94 R4 =82 R5 =82 R6 =85 R7 =87
 R8 =67 R9 =4 R10=75 R11=81 R12=59 R13=84 R14=97 R15=76

Photo Parameters:

Flux = 650.2 lm Eff. : 105.70 lm/W Fe = 2.056 W
 Photosynthetic: PPF: 9.1576 $\mu mol/m^2/s$ PAR WATT: 2029.1 mW/m^2 (400-700nm)

Electrical parameters:

V = 23.999 V I = 0.2563 A P = 6.151 W PF = 1.000
 LEVEL: OUT WHITE: ANSI_5700K

Status: Integral T = 232 ms Ip = 36651 (56%)

Model: LM3014-WN60-W-24V-白光
 Tester: Jim
 Temperature: 25.3Deg
 Manufacturer:

Number: 108
 Date: 2019-04-26
 Humidity: 65.0%
 Remarks: 1M/ip20 1206/150R*2