



# LED Flexible Strip 3014 Series LM3014-70D-24V



## Product feature

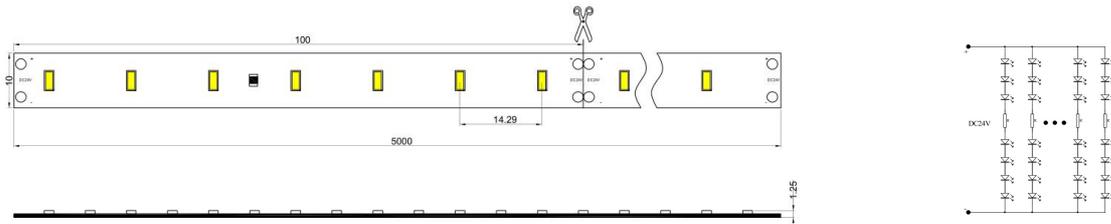
- ◆ 5 meters roll, every 70 meters lamp, the theoretical power per meter 7W ,Power rating:35W/5M , angle light 120 degrees. 13-15lm of each light bead can be customized according to needed.
- ◆ curved, soft, soft and compact, back with 3M double-sided adhesive can be installed in the concave convex surface, easy to install.
- ◆ each 10 cm , seven 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 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);
- ◆ LED Life time: Mean time between failure(MTBF):50-100K hour



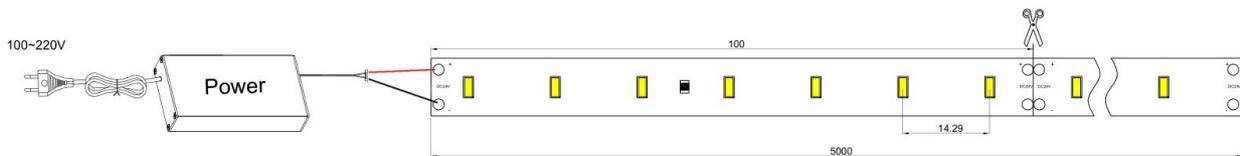
## Technical parameters

Mode	LED Q'ty/M	Color	CCT/Chromaticity	Lumen/led(lm)	CRI(Ra)	Voltage (V DC)	Current (A/m)	Max.Power Consumption(W/m)	FPC Width/thickness
LM3014-WN-70	3014SMD 70PCS/M	Natural White	4000-4200K	13-14lm	75-90	24V	0.29A	7W/m	10mm/2 Ounce
		White	6000-6500K	13-15lm					
		warm white	2600-2800K	13-15lm					
		warm white	3000-3200K	13-15lm					
		Red	617-627nm	--					
		Blue	464-474nm	--					
		Green	515-525nm	--					
		Yellow	585-600nm	--					

## Dimension(mm/inch)

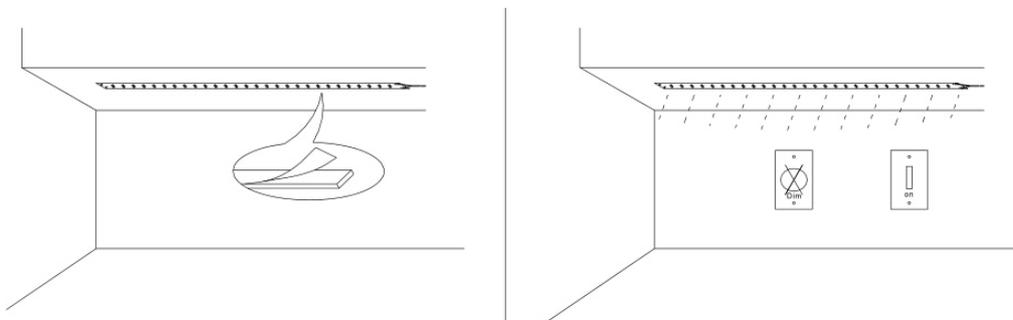


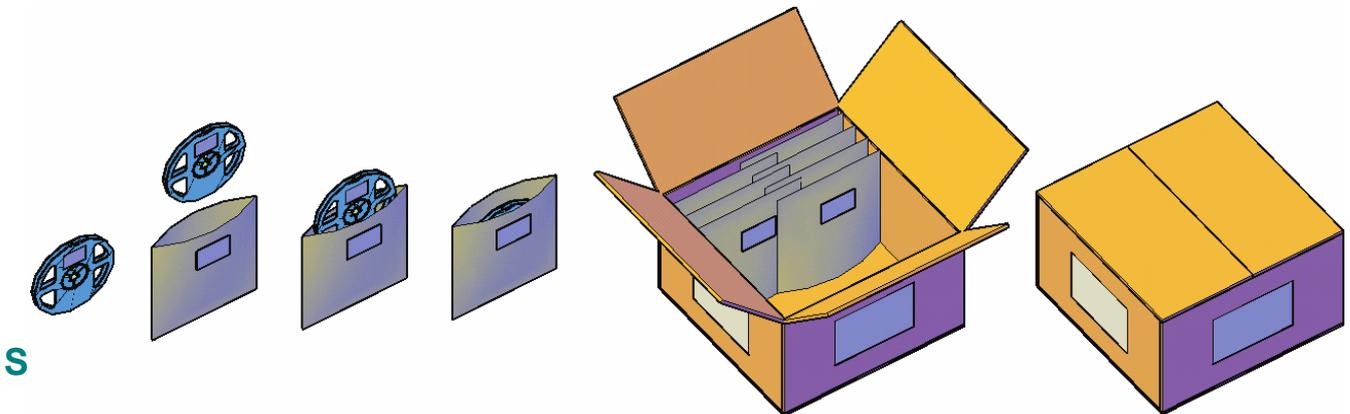
## Linking operation



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

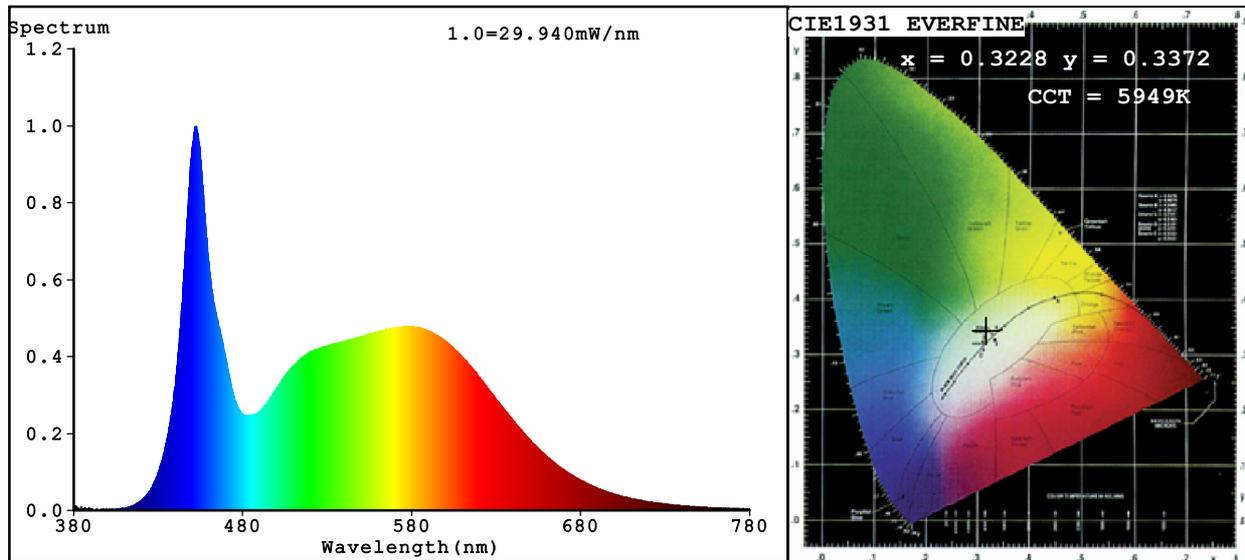
## installation





- 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:  $x=0.3228$   $y=0.3372$   $u'=0.2017$   $v'=0.4741$   
 CCT=5949K (Duv=0.0025) Dominant WL:Ld =496.4nm Purity=3.4%  
 Ratio:R=14.1% G=80.3% B=5.6% Peak WL:Lp=452.4nm FWHM=21.7nm  
 Render Index:Ra=83.3  
 R1 =82 R2 =90 R3 =93 R4 =82 R5 =82 R6 =84 R7 =87  
 R8 =67 R9 =4 R10=75 R11=81 R12=59 R13=84 R14=97 R15=76

**Photo Parameters:**

Flux = 914.1 lm Eff. : 123.54 lm/W Fe = 2.898 W  
 Photosynthetic:PPF:12.896umol/m2/s PAR WATT:2858.8mW/m2 (400-700nm)

**Electrical parameters:**

V = 23.999 V I = 0.3083 A P = 7.399 W PF = 1.000  
 LEVEL:OUT WHITE:ANSI\_5700K

Status: Integral T = 232 ms Ip = 51050 (78%)

Model:LM3014-WN70-W-24V-白光  
 Tester:Jim  
 Temperature:25.3Deg  
 Manufacturer:

Number:110  
 Date:2019-04-26  
 Humidity:65.0%  
 Remarks:1M/ip20 1206/150R\*1