

LED Flexible Strip 3014 Series

LM3014-204D-24V

Product feature



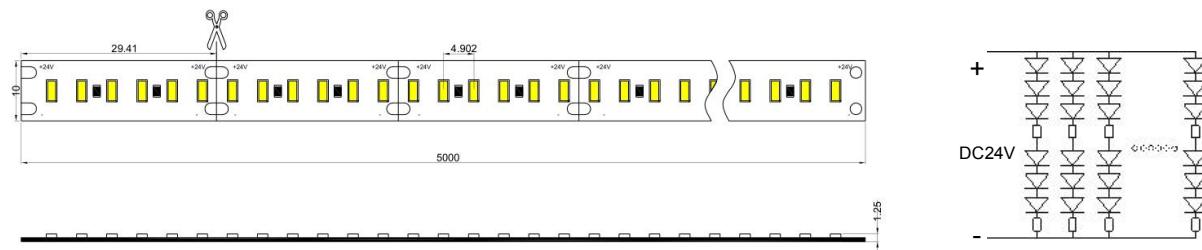
- ◆ 5 meters roll, every 204 meters lamp, the theoretical power per meter 20.4W, Power rating: 102W/5M , angle light 120 degrees. 13-15lm of each light bead can be customized according to needed.
- ◆ curved, soft, soft and compact, back with 3M double-sided adhesive can be installed in the concave convex surface, easy to install.
- ◆ Lamp strip supports external light regulator type: 0/1-10V PWM Dali Dimmable inductive switch controller.
- ◆ each 2.94cm , 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



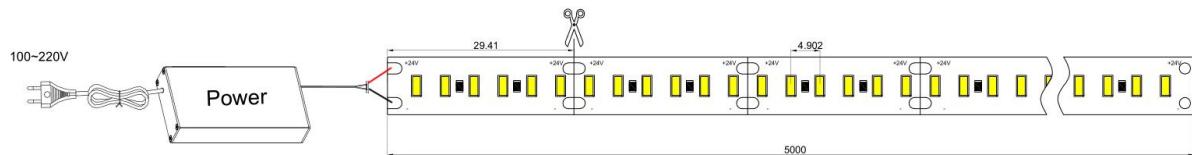
Technical parameters

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-204	3014SMD 204PCS/M	Natural White	4000-4200K	13-15lm	75-90	24V	0.75A	18W/m	1892LM	IP20				
		White	6000-6500K						1850LM					
		warm white	2600-2800K	12-15lm					1850LM	IP65				
		warm white	3000-3200K						1850LM					
		Red	617-627nm	--					1800LM	IP67				
		Blue	464-474nm	--					1800LM					
		Green	515-525nm	--					1800LM	IP68				
		Yellow	585-600nm	--					1800LM					

Dimension(mm/inch)

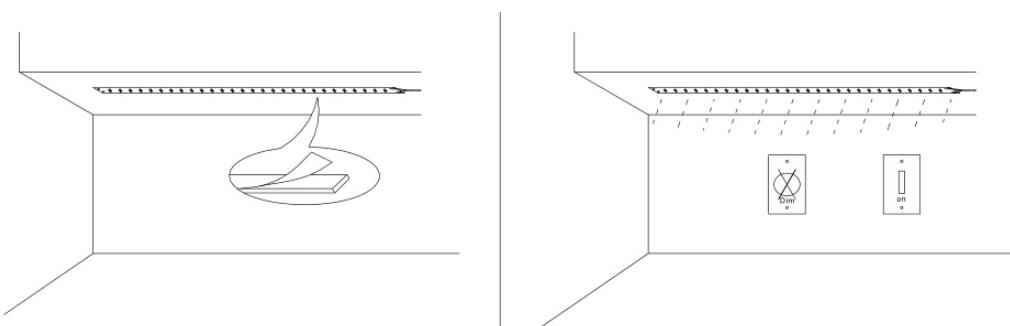


Linking operation



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



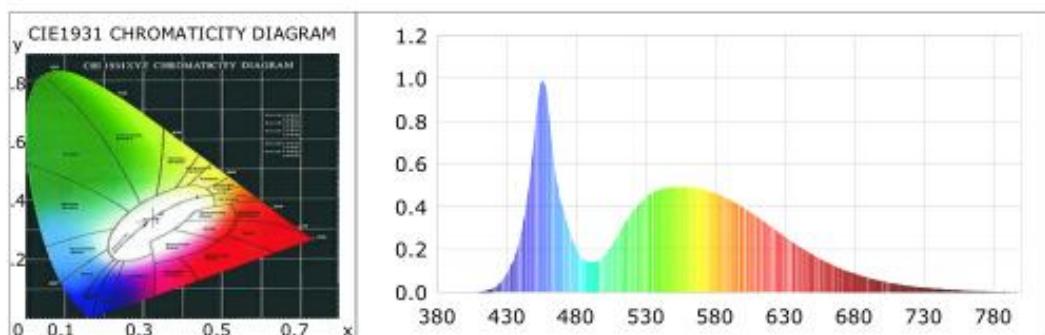
Lightsource Test Report

Product Information

Product Type: Product Number: 12

CIE Colorimetric Parameters

Chromaticity coordinates: x=0.3230 y=0.3409 u(u')=0.2004 v=0.3174 v'=0.4761
CCT: Tc=5930K (duv=0.00426) Color Ratio: R=0.131 G=0.822 B=0.047
Peak Wavelength: 456nm Half Bandwidth: 20.8nm
Dominant Wavelength: 501.5nm Color Purity: 0.032
CRI: Ri: Ra= 78.0
R1 =77 R2 =81 R3 =78 R4 =80 R5 =75 R6 =70 R7 =91 R8 =73
R9 =3 R10=48 R11=75 R12=34 R13=77 R14=87 R15=76



Photometric Parameters

Luminous Flux: 1891.79 lm Efficiency: 103.96 lm/W Radiant Power: 5.859 W

Electric Parameters

Voltage: 23.999V Current: 0.7583A Power: 18.20W
Power Factor: 1.0000 Frequency: 0.00Hz

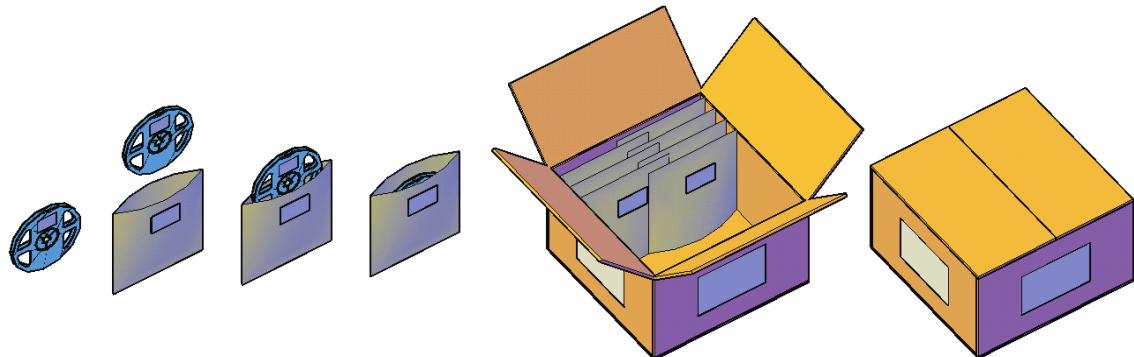
Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer
Stabilization Time: 0 ms Photometric Condition: Sphere diameter: 1.50m, 4π
Max of Signal: 44459 (3816) CCD Integration Time: 96.75 ms

Condition: Tx:31.9'C, Ti:30.7'C, R.H.:60%
Test Lab:
Operator:

Test Device: Inventfine CMS-2S (Plus)
Test Time: 2015-05-19 15:22:32
Inspector:

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.