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

Product feature

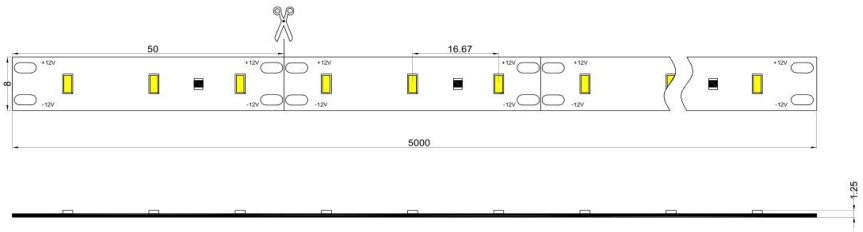
- 5 meters roll, every 60 meters lamp, the theoretical power per meter 6W ,Power rating:30W/5M , angle light 120 degrees. 13-15lm of each light bead can be customized according to needed.
- curved, soft, soft and compact, back with 3M double-sided adhesive can be installed in the concave convex surface, 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

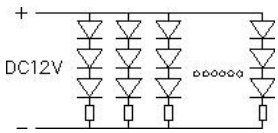
Technical parameters

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	12V/8mm 24V10mm 2Ounce
		White	6000-6500K						586LM	IP65	
		warm white	2600-2800K	12-15lm							
		warm white	3000-3200K						586LM	IP67	
		Red	617-627nm	--							
		Blue	464-474nm	--					568LM	IP68	
		Green	515-525nm	--							
		Yellow	585-600nm	--							

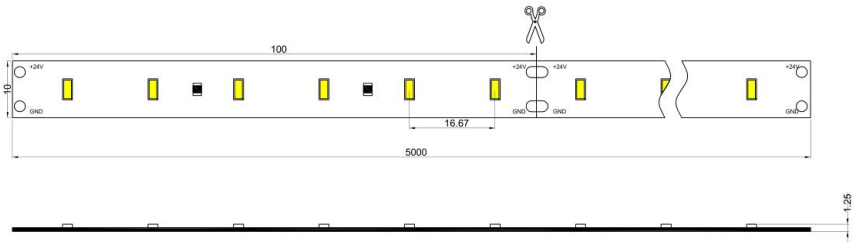
Dimension(mm/inch)

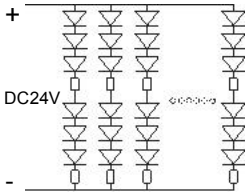
12V



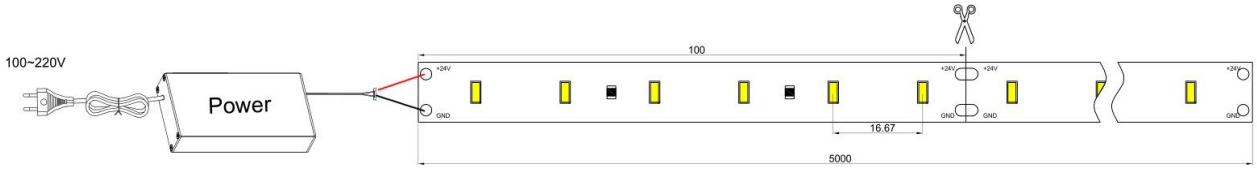


24V



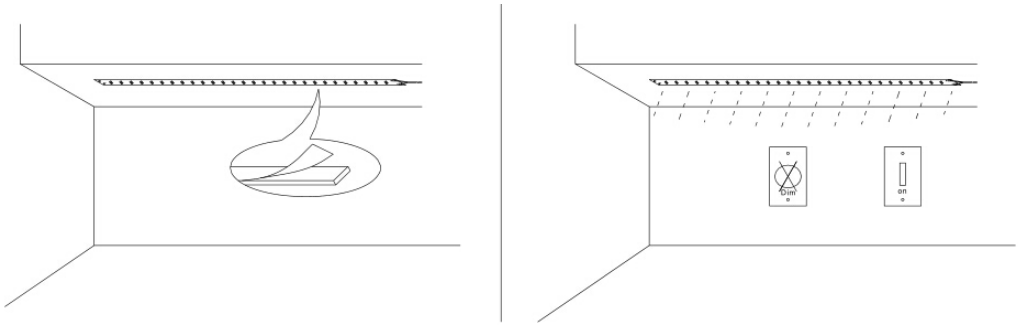


Linking operation



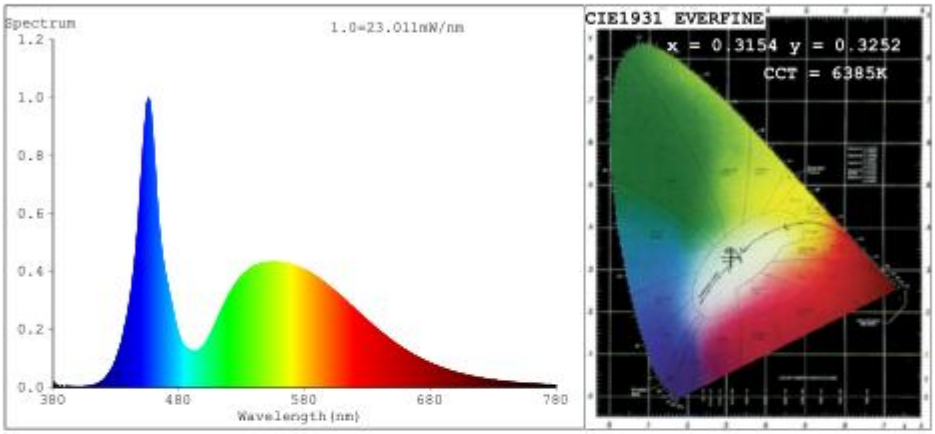
Notes: In order to better achieve product luminous effect, each 5 meters long lamp with power supply cable (regional), suggest that are connected to the power line

installation



EVERFINE CAS-200 Test Report 1 Of 1

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:

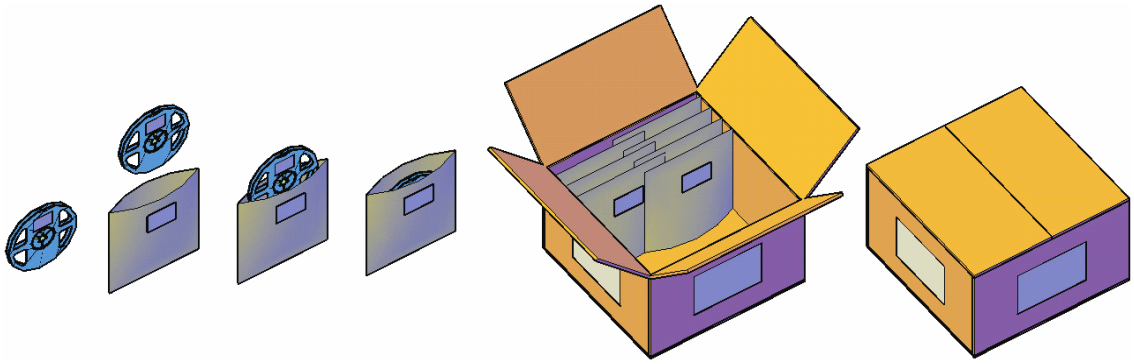
V = 11.999 V I = 0.4770 A P = 5.724 W PF = 1.000

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

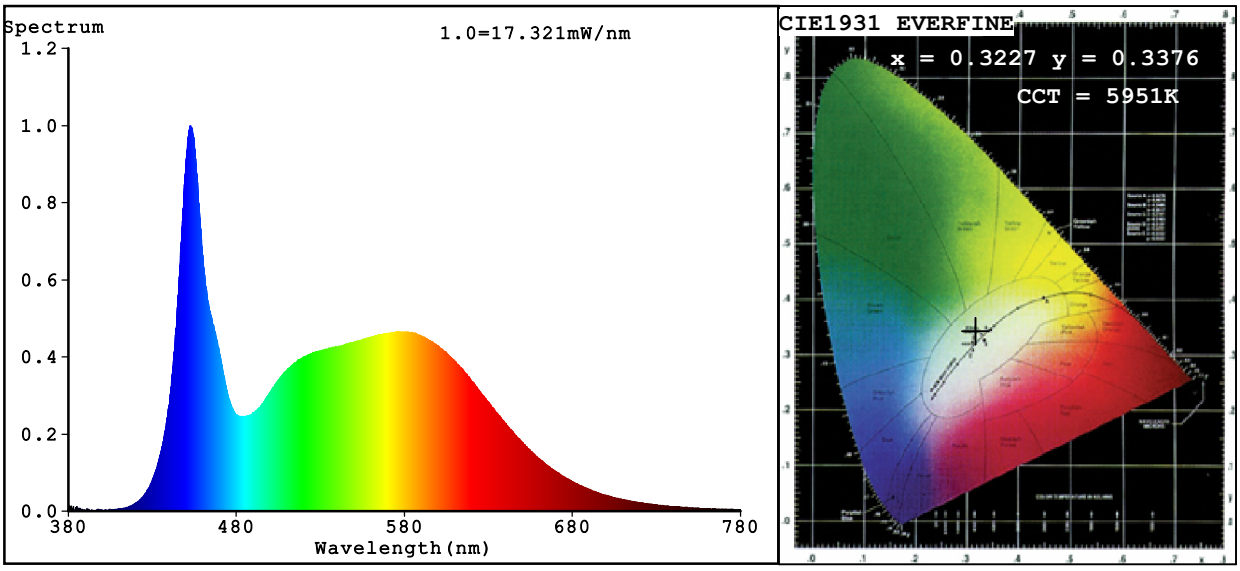
Product packaging



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=0.3227 y=0.3376/u'=0.2015 v'=0.4743

CCT=5951K(Duv=0.0027) Dominant WL:Ld =496.8nm Purity=3.4%

Ratio:R=14.1% G=80.2% B=5.6% Peak WL:Lp=452.6nm FWHM=20.9nm

Render Index:Ra=83.5

R1 =82	R2 =90	R3 =94	R4 =81	R5 =82	R6 =85	R7 =86	
R8 =67	R9 =4	R10=76	R11=81	R12=59	R13=85	R14=97	R15=77

Photo Parameters:

Flux = 514.3 lm Eff. : 108.80 lm/W Fe = 1.629 W

Photosynthetic:PPF:7.2545umol/m2/s PAR WATT:1607.5mW/m2(400-700nm)

Electrical parameters:

V = 12.098 V I = 0.3907 A P = 4.727 W PF = 1.000

LEVEL:OUT WHITE:ANSI_5700K

Status: Integral T = 394 ms Ip = 51000 (78%)

Model:LM3014-WN60-W-12V-白光-8MM Number:107
Tester:Jim Date:2019-04-26
Temperature:25.3Deg Humidity:65.0%
Manufacturer: Remarks:1M/ip20 1206/200R*1