

LED Flexible Strip 3528 Series

LM3528-60D-12V/24V



Product feature

- ◆ 5 meters roll, every 60 meters lamp, the theoretical power per meter 4.8W, Power rating:24W/5M ,angle light 120 degrees. 6-9lm 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 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 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);
- ◆ LED Life time: Mean time between failure(MTBF):50-100K hour

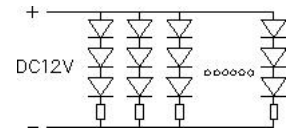
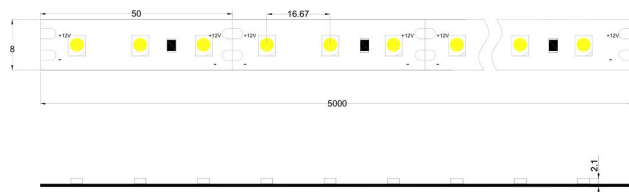


Technical parameters

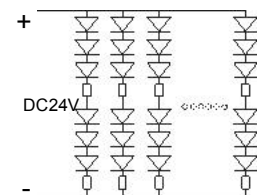
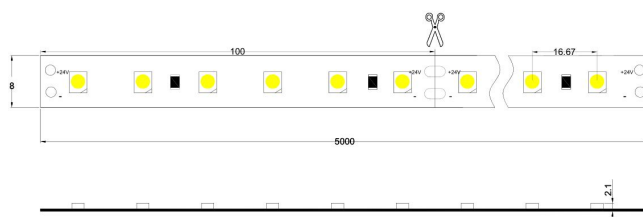
Mode	LED Q'ty/M	Color	CCT/Chromaticity	Lumen/led(lm)	CRI(Ra)	Voltage (V DC)	Current (A/m)	Max.Power Consumption(W/m)	FPC Width/thickness
LM3528-WN-60	3528SMD 60PCS/M	Natural White	4000-4200K	7-8lm	75-90	12/24V	0.4/0.2A	4.8W/m	8mm/2 Ounce
		White	6000-6500K						
		warm white	2600-2800K	6-8lm					
		warm white	3000-3200K						
		Red	617-627nm	--					
		Blue	464-474nm	--					
		Green	515-525nm	--					
		Yellow	585-600nm	--					

Dimension(mm/inch)

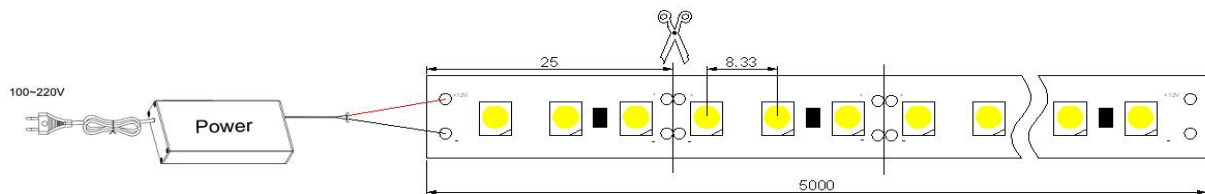
12V



24V

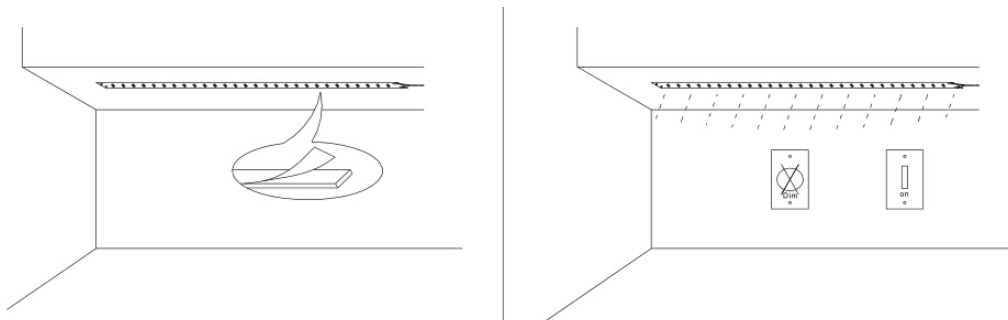


Linking operation

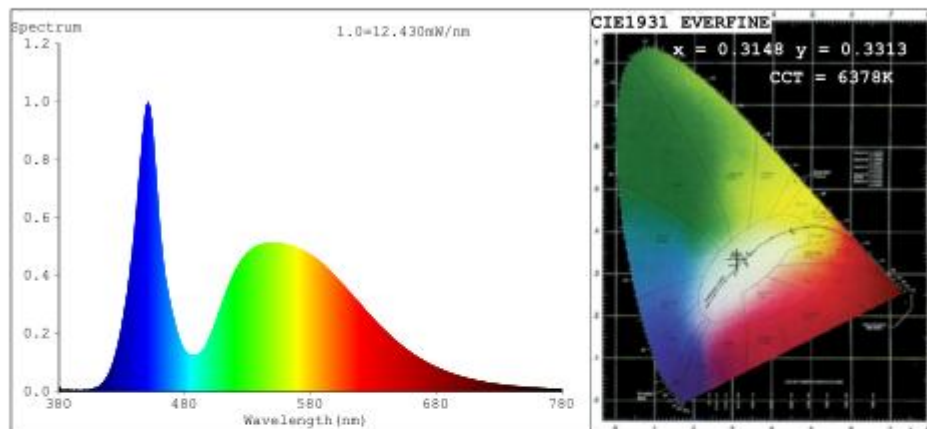


Notes: In order to better achieve product luminous effect, each 5 meters long lamp with power supply cable (regional), suggest that are connected to the power line

installation



Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3148$ $y=0.3313$ $u'=0.1984$ $v'=0.4699$

$CCT=6378K$ (Duv=0.0034) Dominant WL:Ld =490.3nm Purity=6.4%

Ratio:R=12.4% G=83.5% B=4.1% Peak WL:Lp=450.7nm FWHM=23.1nm

Render Index:Ra=73.7

R1 =72 R2 =77 R3 =79 R4 =75 R5 =72 R6 =68 R7 =83

R8 =63 R9 =-21 R10=44 R11=71 R12=42 R13=72 R14=88 R15=68

Photo Parameters:

Flux = 378.3 lm Eff. : 84.87 lm/W Fe = 1.186 W

Electrical parameters:

V = 11.999 V I = 0.3715 A P = 4.456 W PF = 1.000

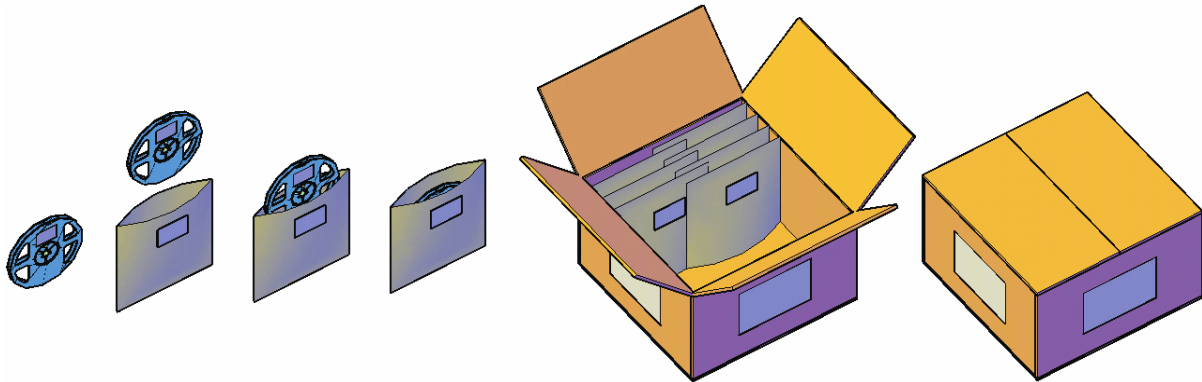
LEVEL:OUT WHITE:ANSI_6500K

Status: Integral T = 465 ms Ip = 51188 (78%)

Model:LM3528-60D-12V 6500K
Tester:LI
Temperature:25.3Deg
Manufacturer:LEOMAY

Number:73
Date:2015-09-11
Humidity:65.0%
Remarks:Size:8MM 2 Ounce 4.5W/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.