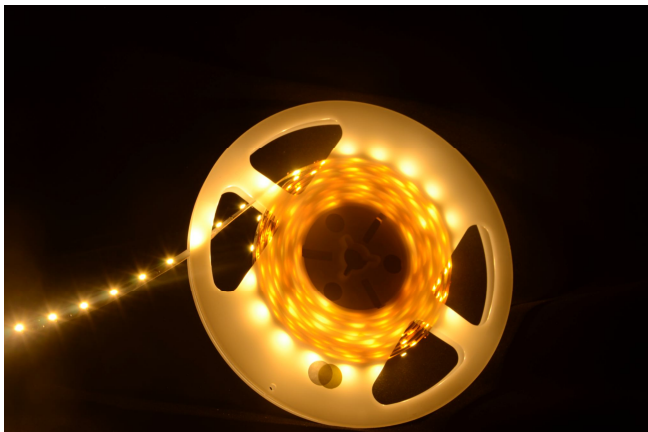




# LED Flexible Strip 3528 Series LM3528-96D-12V/24V



## Product feature

- ◆ 5 meters roll, every 96 meters lamp, the theoretical power per meter 7.68W , Power rating:38W/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.
- ◆ Lamp strip supports external light regulator type: 0/1-10V PWM Dali Dimmable inductive switch controller
- ◆ each 3.125 or 6.25 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

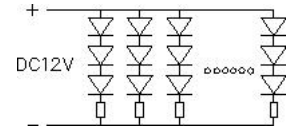
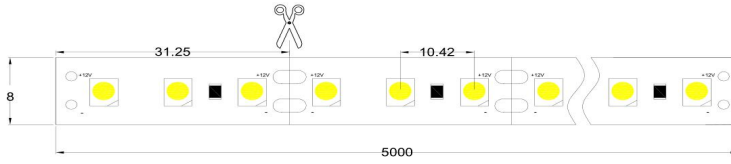
## Technical parameters



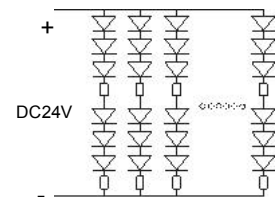
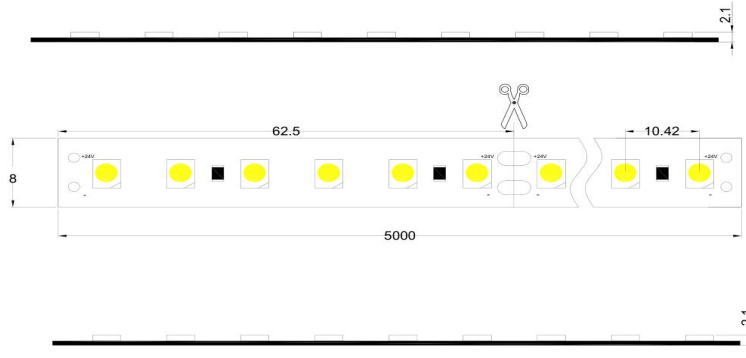
Mode	LED Q'ty/M	Color	CCT/Chromaticity	Lumen/led (lm)	CRI(Ra)	Voltage (V DC)	Electric current (A/m)	Power±10%(W/m)	Lm/m ±10%	FPCWidth /thickness
LM3528-WN-96	3528SMD 96PCS/M	Natural White	4000-4200K	7-8lm	75-90	12/24V	0.58/0.29A	7W/m	578LM	IP20
		White	6000-6500K							
		warm white	2600-2800K	6-8lm					560LM	IP65
		warm white	3000-3200K							
		Red	617-627nm	--					560LM	IP67
		Blue	464-474nm	--						
		Green	515-525nm	--					550LM	IP68
		Yellow	585-600nm	--						

## Dimension(mm/inch)

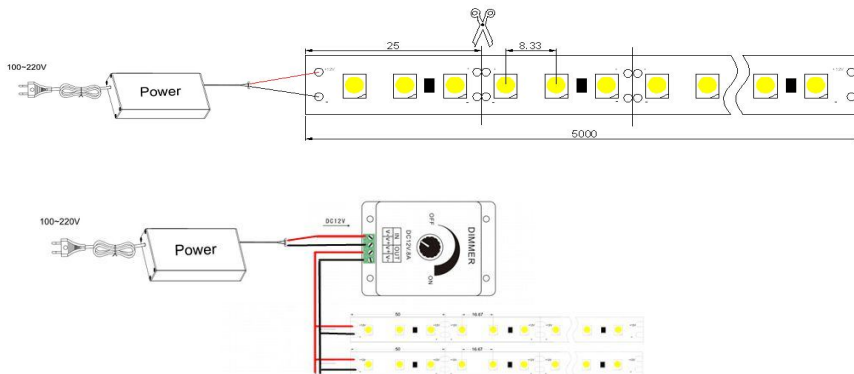
12V



24V

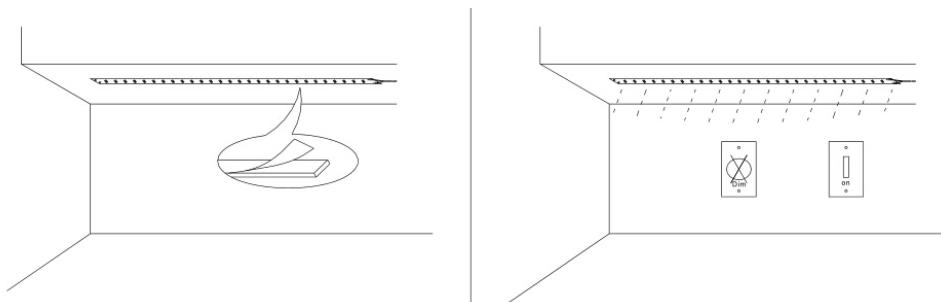


## Linking operation

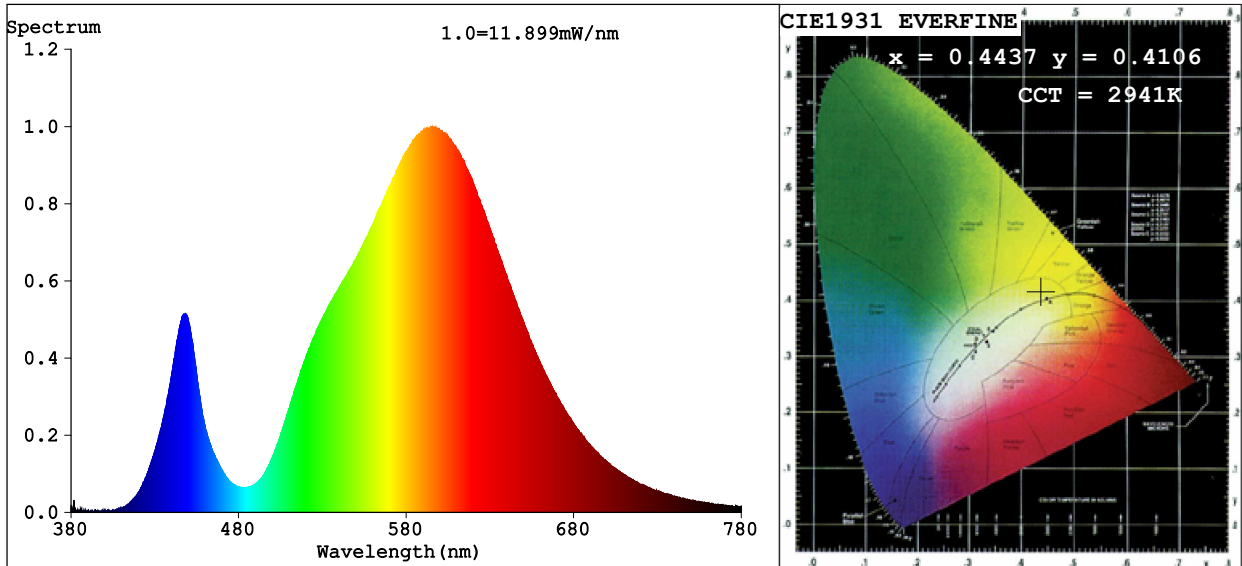


Notes: In order to better achieve product luminous effect, each 5 meters long lamp with power supply cable (regional), suggest that are connected to the power line

## installation



**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4437$   $y=0.4106$  /  $u'=0.2521$   $v'=0.5249$   
 CCT=2941K (Duv=0.0017) Dominant WL:Ld =582.5nm Purity=56.5%  
 Ratio:R=21.5% G=77.2% B=1.3% Peak WL:Lp=595.4nm FWHM=120.2nm  
 Render Index:Ra=70.5  
 R1 =67 R2 =79 R3 =90 R4 =67 R5 =65 R6 =70 R7 =79  
 R8 =45 R9 =-31 R10=52 R11=61 R12=41 R13=69 R14=94 R15=60

**Photo Parameters:**

Flux = 577.6 lm Eff. : 87.01 lm/W Fe = 1.644 W

**Electrical parameters:**

V = 11.999 V I = 0.5532 A P = 6.638 W PF = 1.000

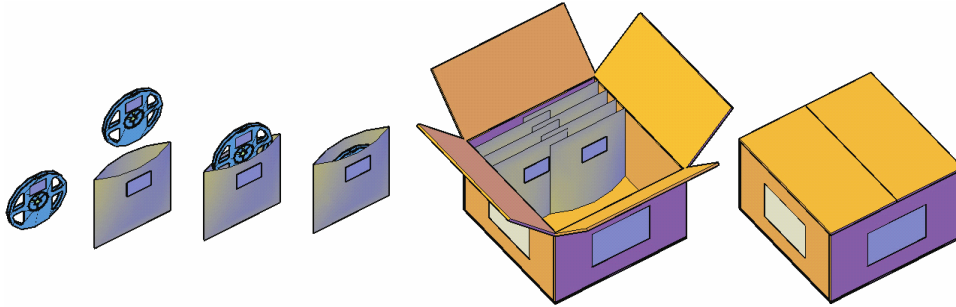
LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 257 ms Ip = 35669 (54%)

Model:LM3528-96D-12V 3000K  
 Tester:LI  
 Temperature:25.3Deg  
 Manufacturer:LEOMAY

Number:83  
 Date:2015-09-11  
 Humidity:65.0%  
 Remarks:Size:8MM 2 Ounce 6.6W/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.