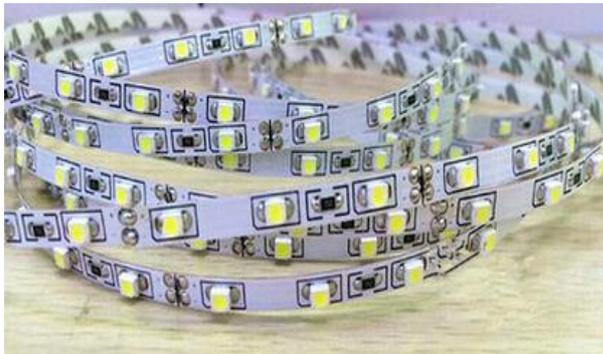


LED Flexible Strip 5mm 3528

Series LM3528-120D-12V/24V



Product feature

- ◆ 5 meters roll, every 120 meters lamp, the theoretical power per meter 7.2W, Power rating:36W/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 2.5 or 5 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

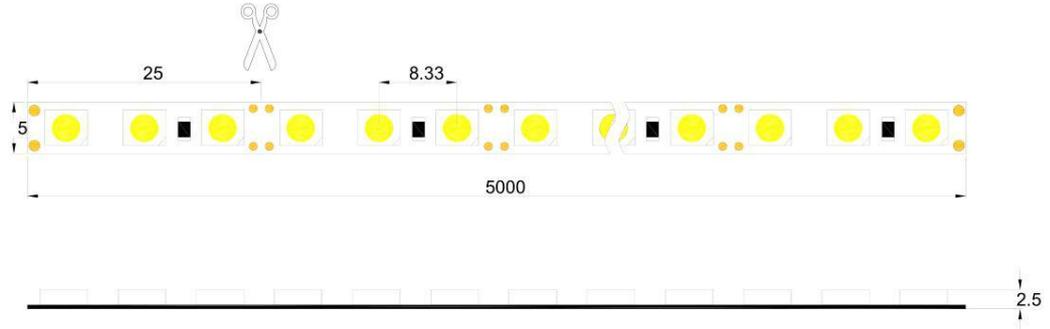
Technical parameters



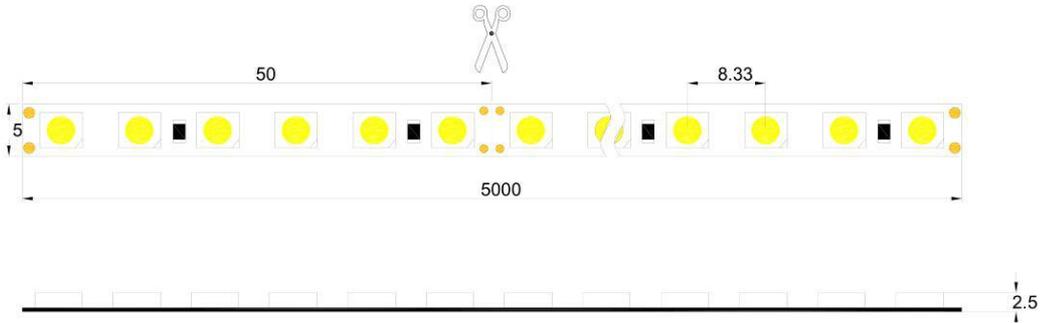
Mode	LED Q'ty/M	Color	CCT/Chromaticity	Lumen/led (lm)	CRI(Ra)	Voltage (V DC)	Electric current (A/m)	Power±10%(W/m)	Lm/m ±10%	FPCWidth /thickness
LM3528-WN-120-5MM	3528SMD 120PCS/M	Natural White	4000-4200K	7-8lm	75-90	12/24	0.6/0.3	7.2	620LM	IP20
		White	6000-6500K							
		warm white	2600-2800K	6-8lm					590LM	IP65
		warm white	3000-3200K							
		Red	617-627nm	--	590LM				IP67	
		Blue	464-474nm	--						
		Green	515-525nm	--						
				Yellow	585-600nm				--	530LM

Dimension(mm/inch)

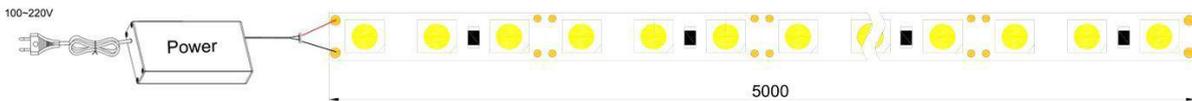
12V



24V

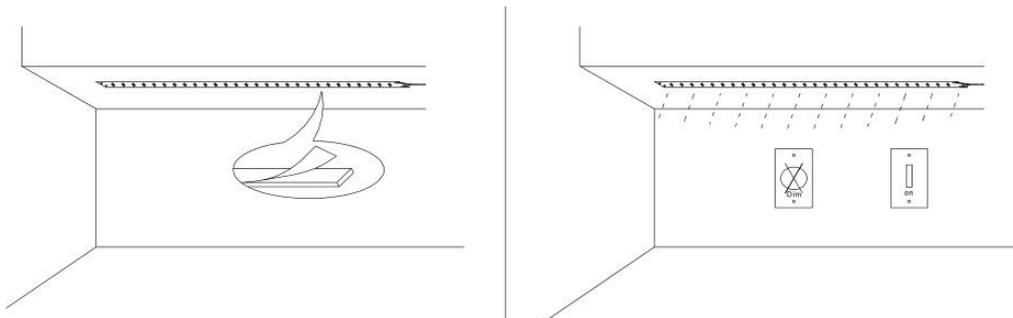


Linking operation

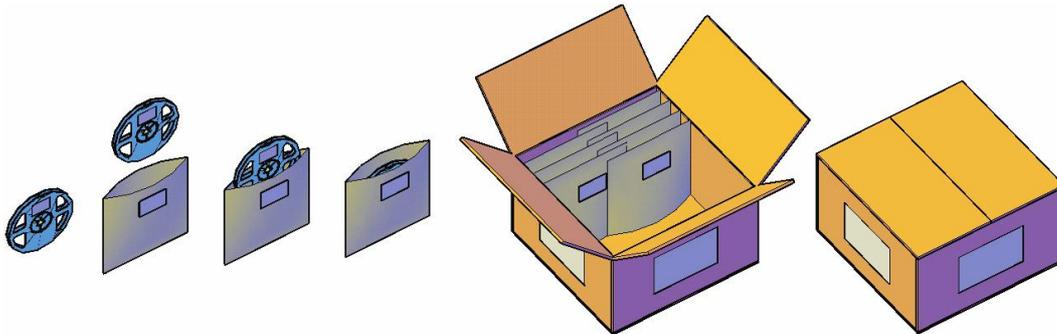


Notes: In order to better achieve product luminous effect, each 5 meters long lamp with power supply cable (regional), suggest that are connected to the power line

installation



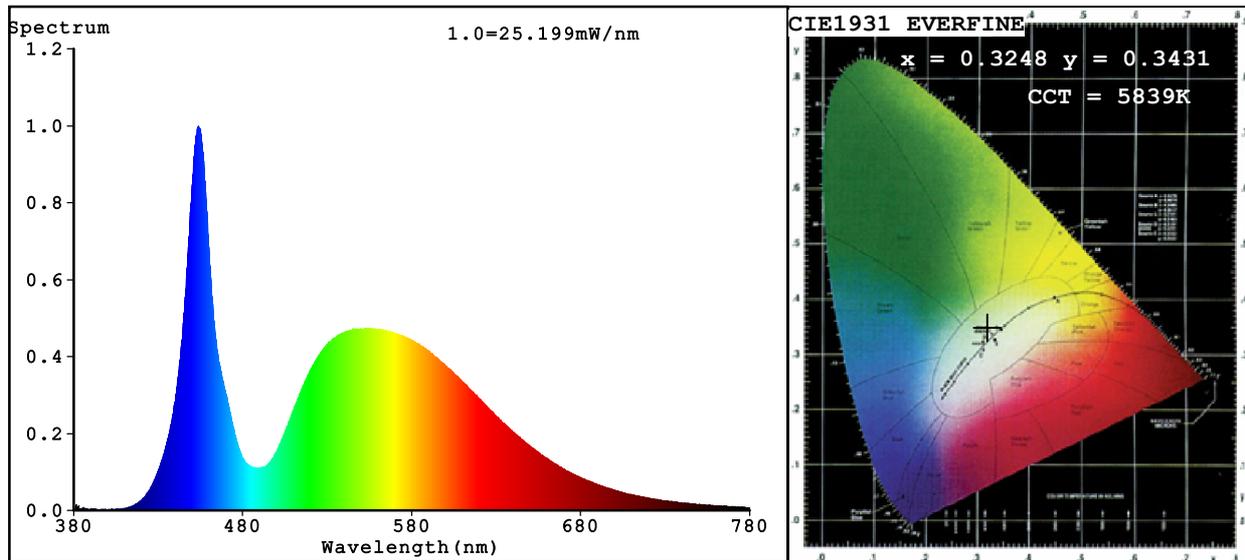
Product packaging



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: $x=0.3248$ $y=0.3431$ / $u'=0.2009$ $v'=0.4775$
 CCT=5839K (Duv=0.0045) Dominant WL: $L_d = 507.7\text{nm}$ Purity=2.6%
 Ratio: R=13.0% G=82.9% B=4.1% Peak WL: $L_p=453.8\text{nm}$ FWHM=17.7nm
 Render Index: $R_a=74.4$
 R1 =72 R2 =80 R3 =82 R4 =73 R5 =71 R6 =70 R7 =85
 R8 =62 R9 =-19 R10=49 R11=68 R12=38 R13=73 R14=90 R15=68

Photo Parameters:

Flux = 709.0 lm Eff. : 97.76 lm/W $F_e = 2.177$ W
 Photosynthetic: PPF: $9.6494\mu\text{mol}/\text{m}^2/\text{s}$ PAR WATT: $2130.7\text{mW}/\text{m}^2$ (400-700nm)

Electrical parameters:

V = 12.098 V I = 0.5995 A P = 7.253 W PF = 1.000
 LEVEL:OUT WHITE:ANSI_5700K

Status: Integral T = 185 ms $I_p = 35687$ (54%)

Model: LM3528-WN120-W-12V-5MM
 Tester: Jim
 Temperature: 25.3Deg
 Manufacturer:

Number: 101
 Date: 2019-04-26
 Humidity: 65.0%
 Remarks: 1M/ip20 0805/240R*1