

PRODUCT DATA SHEET

CRI Available
90/95

**High
Quality**

**3 Step
Mac Adam**

SMD 2835 Top Series
2835 60 LEDs/m 4.8W/m



ARC-12-P60-IP20



Product Features

1. Source by high output 2835 Top Led with uniform illumination
2. Customized Wattage, Luminous Flux per M
3. Cuttable and Re-Connectable, with Various Connector
4. CRI90+ and CRI95+ are available.

CCT Option



IP Rating Option



Non-Waterproof



Nano Coated



Silicone Glue Coated



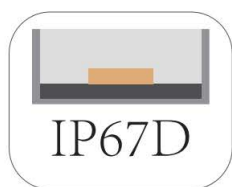
Silicone Extrusion



Silicone Tube



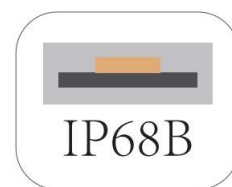
Silicone Extrusion



U-Tube Instilled
Silicone Glue

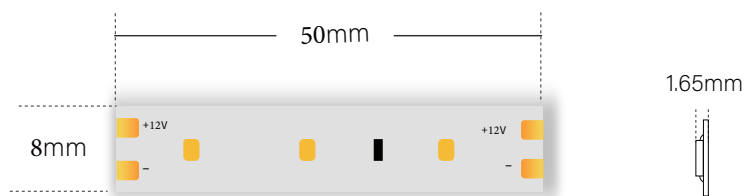


Silicone Tube Injected
Silicone Glue



Silicone Solid Extrusion

Dimensions




Note:

LED strip length tolerance is + -0.2%mm.
 Width tolerance is + -0.2%mm.
 Size of each section is 50mm.
 DC 12V

 Diagram

Dimensions (mm)

Length/Reel	Width	Height	Min. Cutting 
5000	8	1.65	Every 50 mm (3 LEDs)

 Data

Part Number	Working Voltage	Power (W/m)	Current (A/m)	LED Qty/m	CRI
ARC-12-P60-IP20	12V	4.8W/m	0.4352A/m	60	90+

CCT (°K)	Luminous Efficiency	lumen/m
2200K	81.75lm/w	427.7lm/m
2700K	94.50lm/W	493.4lm/m
3000K	99.68lm/W	524.0lm/m
4000K	104.35lm/W	548.0lm/m
6500K	104.35lm/W	548.0lm/m

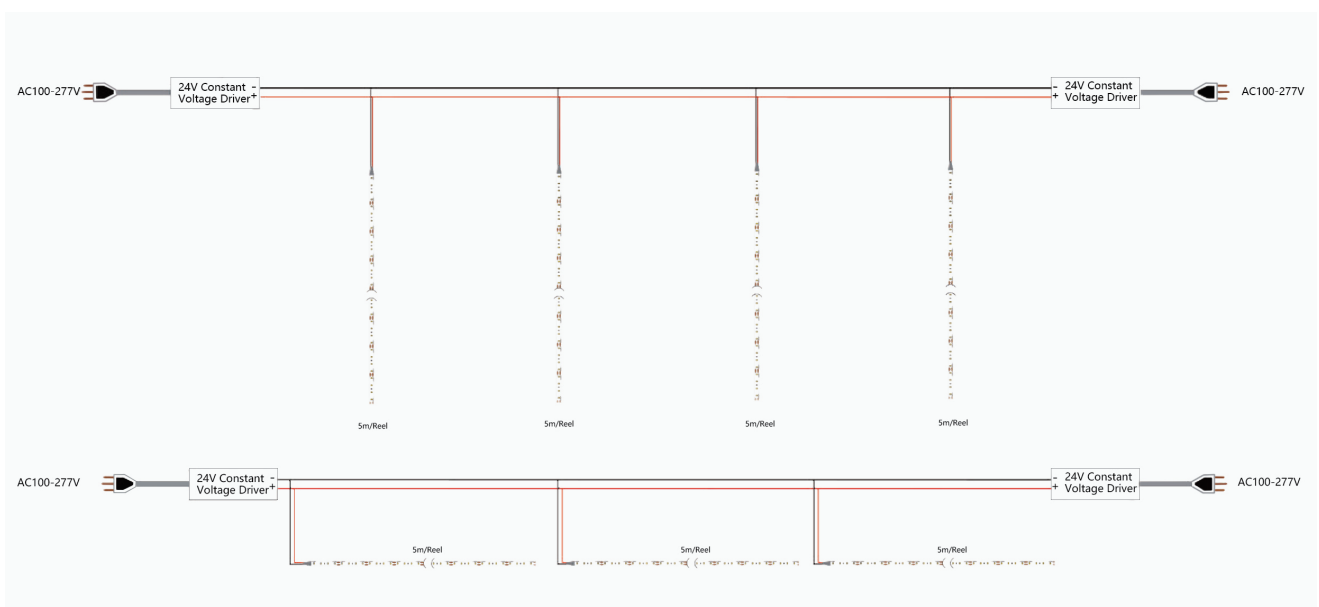
Note:

The data base on IP20 non-waterproof.
 The Lumen output value tolerance + -5% due to testing way.
 The CCT will be + -100k tolerance.

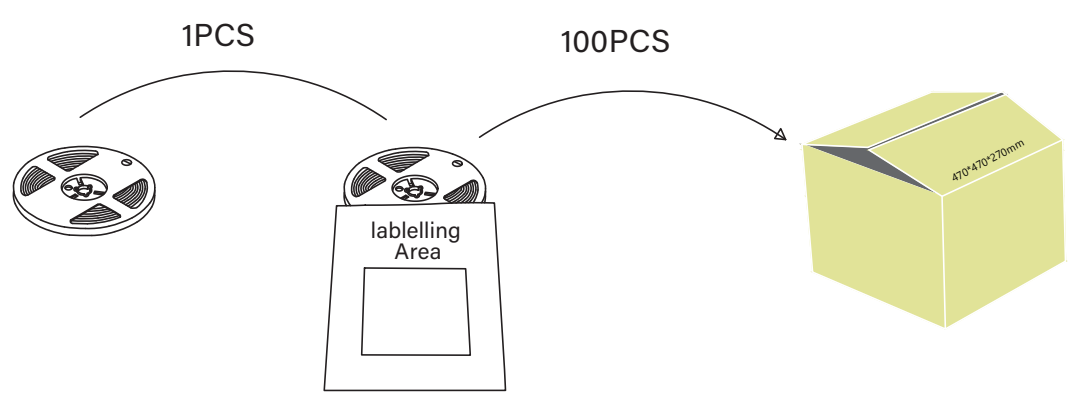
Absolute Maximum Ratings

Parameter	Symbol	Value	Units
Thermal Measurement Point	Tc	80	
Operating Temperature	Topr	-20~+40	°C
Storage Temperature	Ts	-20~+80	
Number of FPC Connection			

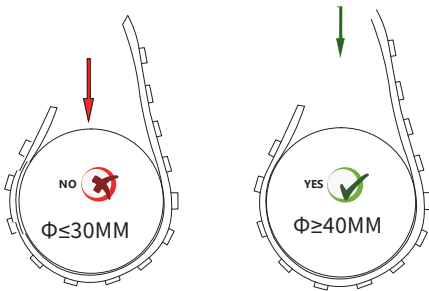
Wiring Diagram Application



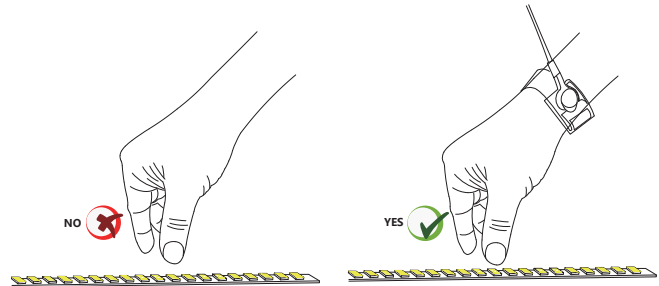
Packaging



! Cautions



<50mm diameter of wrapped object prohibited



Pls wear the electrostatics ring for avoid ESD

✓ Safety & Disclosures

1. Do not install the led strip in environment where excessive heat may occur.
2. Do not extend beyond the recommended maximum run length.
3. Only use copper wiring. Use wires rated for at least 176°F(80°C) and certified for use with external connection of electrical equipment.
4. Do not install IP20 LED strip products in outdoor / wet location environments.
5. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
6. Improper wire selection and installation could overheat wires, and cause fire.
7. Do not connect directly to high voltage or AC power.
8. Installation must be in accordance with local and national electrical code regulations.
9. To ensure safety and correct installation, our strips are intended to be installed by a qualified, licensed electrician.