

PRODUCT DATA SHEET

CRI Available
90/95

Lens
30°/15°*45°

**RGB
W**

Lens Wall Washer Flexible Strip
5050RGBW 42leds/m 12W/m



RS-WW5050RGBW-24V-42D-20-67



Product Features

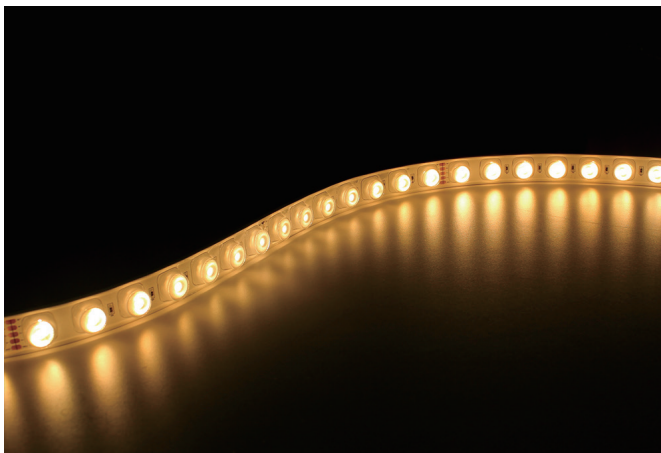
1. Flexible design is suitable for a variety of shapes of bend.
2. Dust and waterproof level: IP67, anti-UV.
3. Diffuse reflective led strip with 30°/15°*45°.
4. Standard is CRI80, CRI90 is also available.
5. Ideal for outdoor & advertising & interior & atmosphere decoration lighting.
6. Warranty: 2 years.

Illumination Height Option

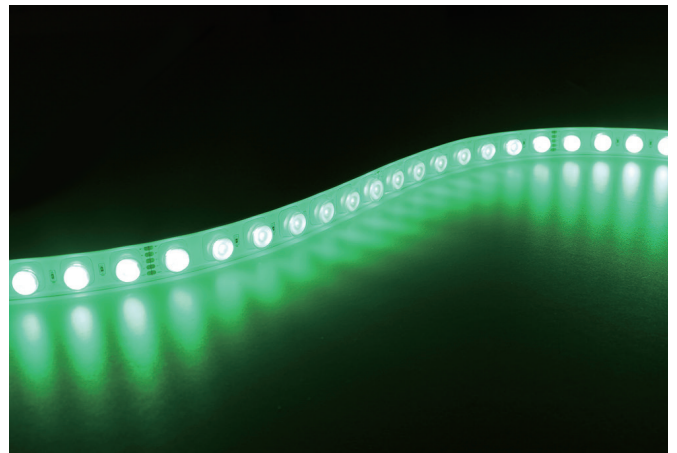
Angle 30°: 2 meters to 3 meters

Angle 15°*45°: 2 meters to 3 meters

CCT Option

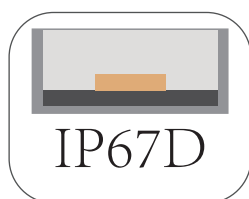


Lighting Effect



Lighting Effect

IP Rating Option



U-Tube Intilled Silicone Glue

Dimension mm/inch



Length/Reel	Width	Height	LED Spacing	Min. Cutting 
5000mm/196.85in	20mm/0.7874in	11.3mm/0.4448in	23.8mm/0.937in	Every 166.66mm/6.561in (7LEDs)

Note:

LED strip length tolerance is + -0.2%mm.

Width tolerance is + -0.2%mm.

Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
RS-WW5050RGBW-24V-42D-20-67	24V	12W/m	0.5232A/m	42LEDs/m	80+
		3.65W/ft	0.159A/ft	≈13LEDs/ft	

CCT (°K)	Luminous Efficiency	Lumen	
RGB(2700K)	50 lm/W	632 lm/m	193 lm/ft
RGB(3000K)	50 lm/W	632 lm/m	193 lm/ft
RGB(4000K)	53 lm/W	664 lm/m	202 lm/ft
RGB(6000K)	53 lm/W	664 lm/m	202 lm/ft

Note:

The data base on IP67waterproof.
The Lumen output value tolerance + -5%
due to testing way.
The CCT will be + -100k tolerance.

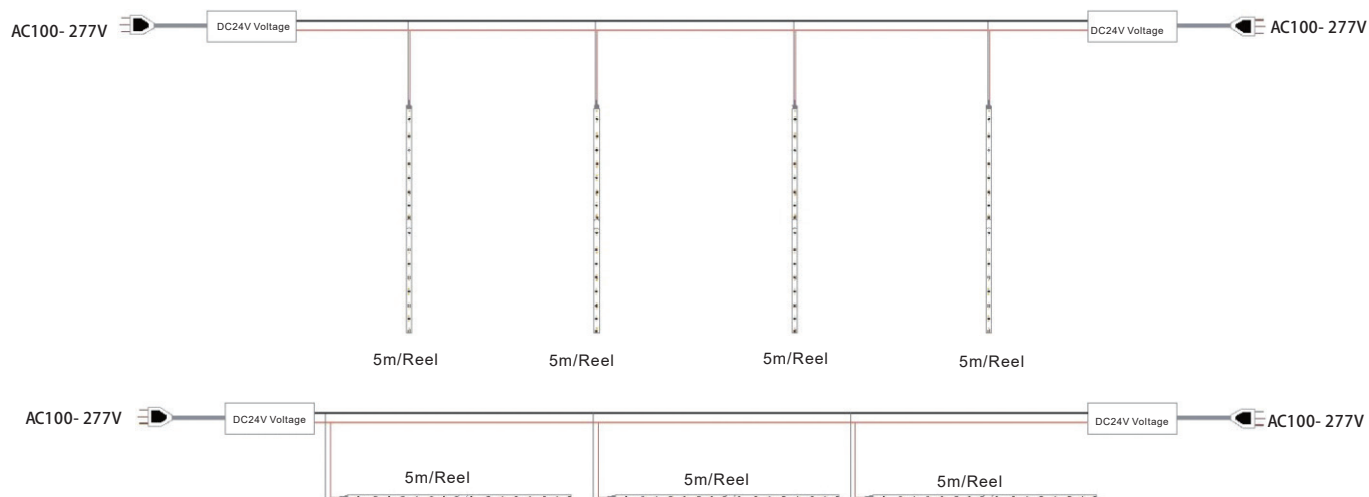


Absolute Maximum Ratings

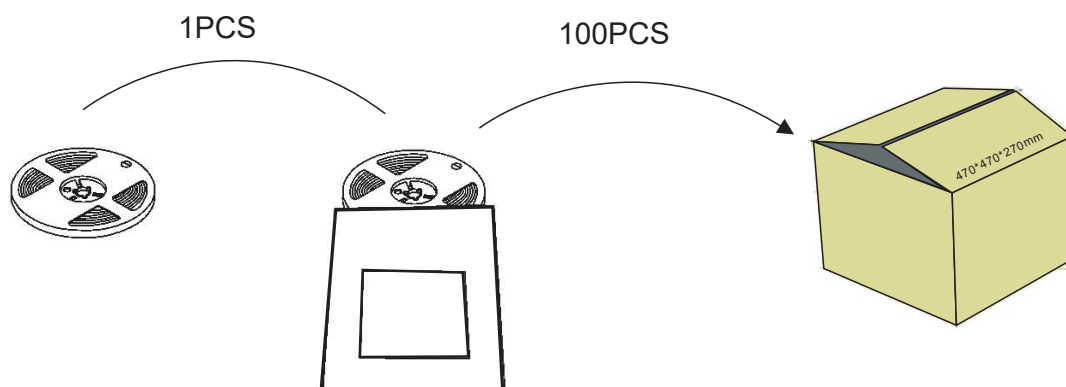
Parameter	Symbol	Value
Thermal Measurement Point	T _c	80°C/176°F
Operating Temperature	T _{opr}	<80°C/<176°F
Storage Temperature	T _s	-20~+60°C/-68~140°F
Number of FPC Connection		



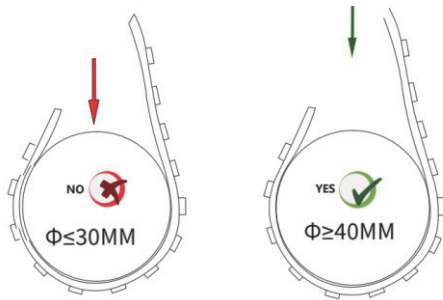
Wiring Diagram Application



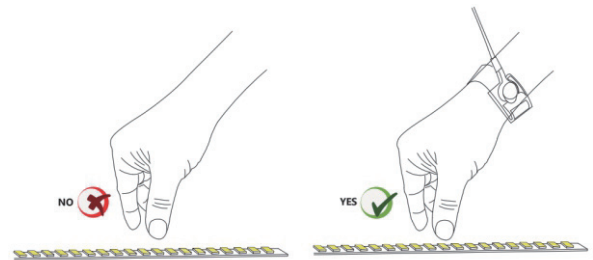
Packaging



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 selecti on 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