



## LED STRIP SPECIFICATION

5050SMD 72LEDs RGB+TUNABLE WHITE LED STRIP



Note: LEDYI may change product specifications and installation guidance without prior notice.

# 5050SMD 72LEDs RGB+TUNABLE WHITE LED STRIP



Part Number: LY72-S5050RGBTW3060-W24-IP20

IP20/IP52/IP65H/IP65/IP67/IP67E/IP68



## Description

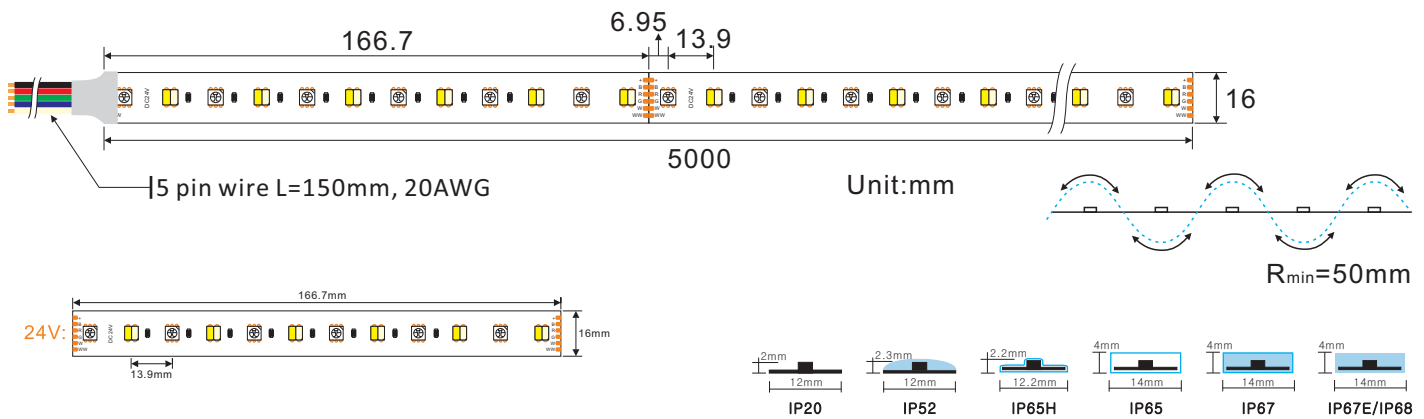
24V, flexible LED strip (12LEDs/step=166.7mm) with 3M adhesive tape on the back for easy installed.

1272lm/m at 21W/m. 120° beam angle. Very good color reproduction with CRI>80. "One Bin Only" within 3 MacAdam guarantees constant color temperature and high light quality at a lifetime of 54,000 hours (L70).

Double-layer FPC(2Oz) for good heat dissipation.



## Dimensions & Waterproof



## Product Specification

Dimension	5000x16x2mm
Chip Type	5050SMD
Chip Density	72LEDs/m
Step LEDs	12LEDs
Step Length	166.7mm

Voltage(V)	DC24V
Current(A/m)	0.87A
Power(W/m)	21W(5 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

## Product Photometrics (Data base on IP20 CRI>80)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
						Rf (Fidelity)	Rg (Gamut)
3000 only	565.2	6.127	92.25	83.20	9	82	97
6000 only	485.7	5.131	94.67	82.70	7	79	95
3000+6000 both	1031	11.08	93.03	85.80	21	82	98

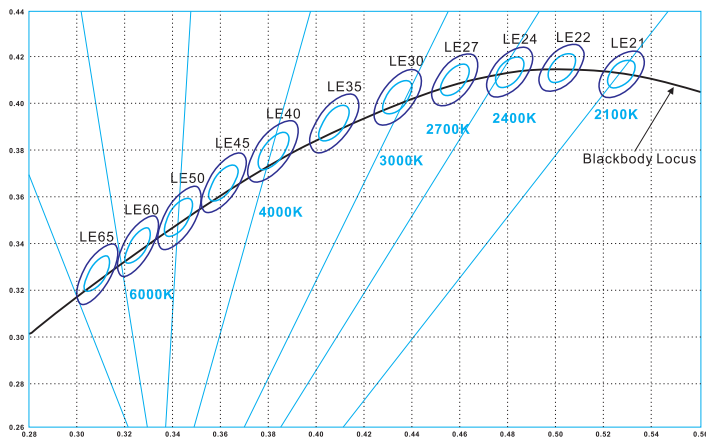
## Product Photometrics - Red, Green and Blue Diodes (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	631.0	621.1	64.41	2.659	24.22
Green	514.4	519.2	170.2	2.503	68.01
Blue	463.6	468.0	46.79	2.688	17.41

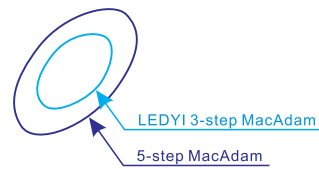
## Product Photometrics - All Five color at 100% on (Data base on IP20 CRI>80)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+3000+6000	1272	18.48	68.82	87.8	68

## Bining



Graphic Description:



For all your order

Today and tomorrow

- IP20:** bare, max. light output and the best color consistency, indoor use.
- IP52:** Silicone coating, ~5% less output and 3rd best color consistency, indoor use, for damp environments.
- IP65:** Silicon tube / Heat shrink tube / Extrusion tube / U milky tube + clear cover, ~3% less output and 2nd best color consistency, Indoor use or semi-outdoor use, for raining environments.
- IP67:** Silicone tube + silicon filling, ~7% less output and 4th best color consistency, outdoor use, max length is 10 meters.
- IP67E:** Solid silicone extrusion, ~7% less output and 4th best color consistency, outdoor use, max length up to 50 meters.
- IP68:** PU(Polyurethane), ~7% less output and 4th best color consistency, under the water, within 2 meters deep.

## Packing Information (Data base on IP20)

