



## LED STRIP SPECIFICATION

5050SMD 30LEDs RGB LED STRIP

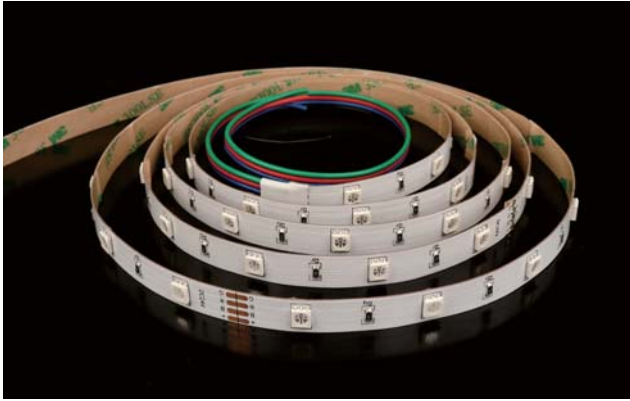


Note: LEDYI may change product specifications and installation guidance without prior notice.

# 5050SMD 30LEDs RGB LED STRIP



Part Number: LY30-S5050RGB-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68  
 ↳ W12/W24

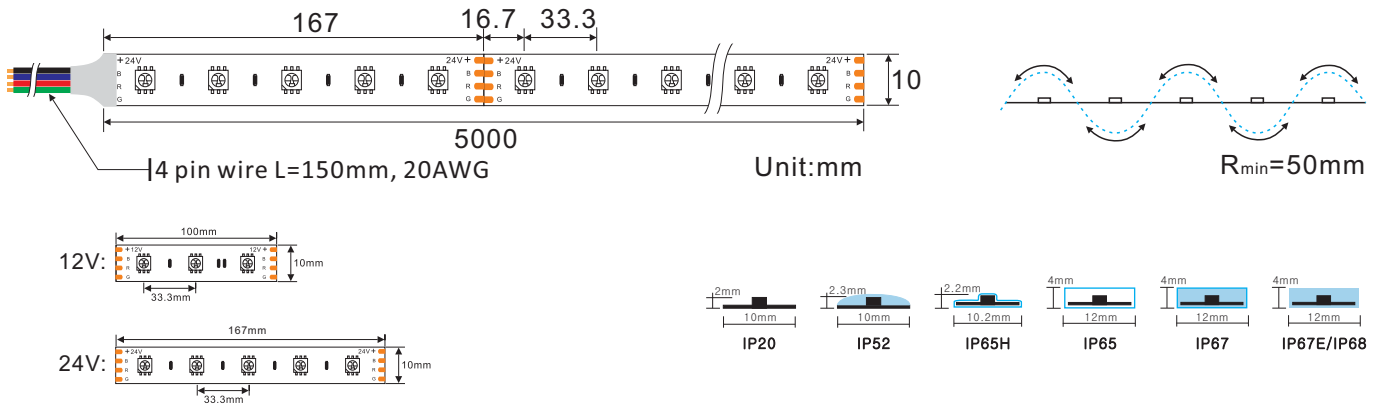


## Description

12V or 24V for option, flexible LED strip (3LED/step =100mm(12V)/5LED/step =167mm(24V)) with 3M adhesive tape on the back for easy installed.  
 7.2W/m. 120° beam angle, high light quality at a lifetime of 54,000 hours (L70).  
 Double-layer FPC(2Oz) for good heat dissipation.



## Dimensions & Waterproof



## Product Specification

Dimension	5000x10x2mm	Voltage(V)	DC12V/DC24V
Chip Type	5050SMD	Current(A/m)	0.6A(12V)/0.3A(24V)
Chip Density	60LEDs/m	Power(W/m)	7.2W(3 colors 100% on)
Step LEDs	3LEDs(12V)/5LEDs(24V)	Beam Angle	120°
Step Length	100mm(12V)/167mm(24V)	Operation Temperature	-20°C~50°C

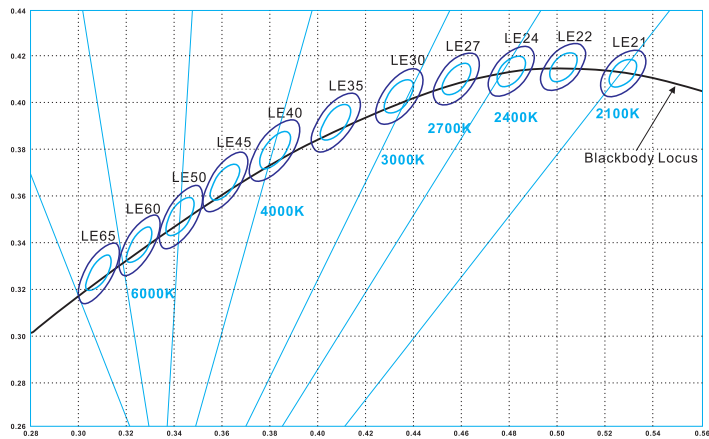
## Product Photometrics - Red, Green and Blue Diodes (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	622	65	2.24	29
Green	517	523	210	2.44	86
Blue	462	466	39	2.29	17

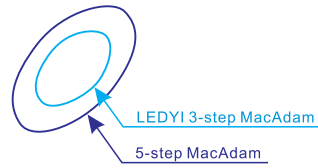
## Product Photometrics - All Red, Green and Blue color at 100% on (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
42300K	310	7.04	44	50	-

## Bining



Graphic Description:



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- 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)

