



LED STRIP SPECIFICATION

5050SMD 96LEDs RGB LED STRIP



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

5050SMD 96LEDs RGB LED STRIP



Part Number: LY96-S5050RGB-W24-**IP20** → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68



Description

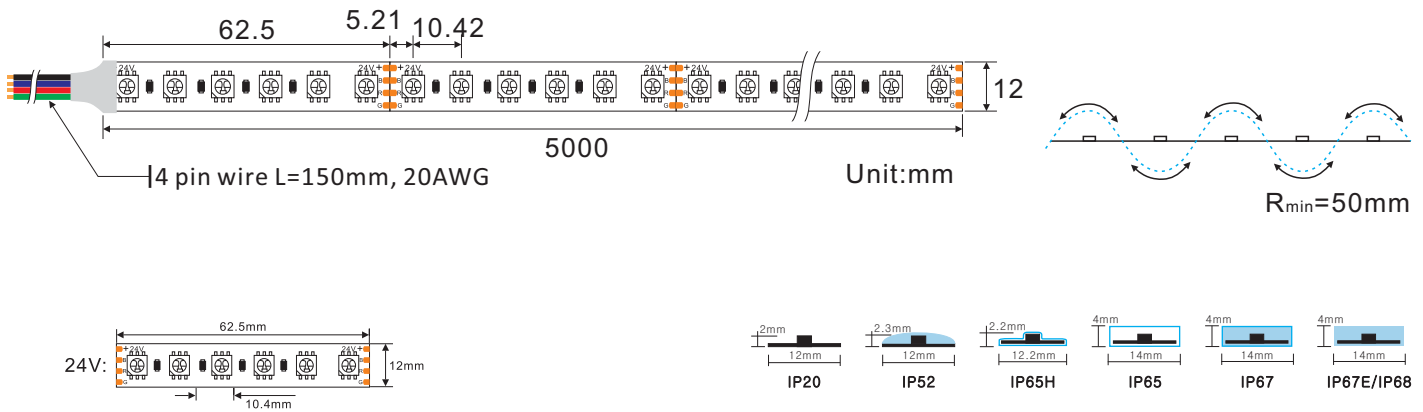
24V, flexible LED strip (6LED/step=62.5mm(24V)) with 3M adhesive tape on the back for easy installed.

23W/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	5000x12x2mm
Chip Type	5050SMD
Chip Density	96LEDs/m
Step LEDs	6LEDs
Step Length	62.5mm

Voltage(V)	DC24V
Current(A/m)	0.96A
Power(W/m)	23W(3 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

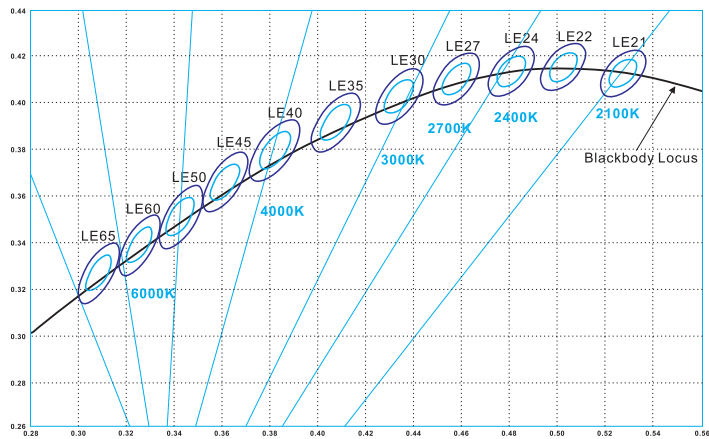
Product Photometrics - Red, Green and Blue Diodes (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	622	206	7.10	29
Green	517	523	670	7.79	86
Blue	462	466	120	7.06	17

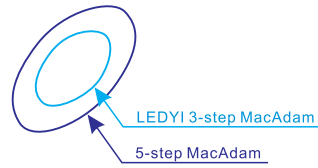
Product Photometrics - All Red, Green and Blue color at 100% on (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
42300K	980	22.27	44	50	-

Bining



Graphic Description:



For all your order

ONE BIN ONLY

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)

