



LED STRIP SPECIFICATION

5050SMD 72LEDs RGB+W LED STRIP



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

5050SMD 72LEDs RGB+W LED STRIP



Part Number: LY72-S5050 **RGBW27-W24-IP20** → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
 → W12/W24
 → RGBW21/RGBW24/RGBW27/RGBW30/RGBW40/RGBW60



Description

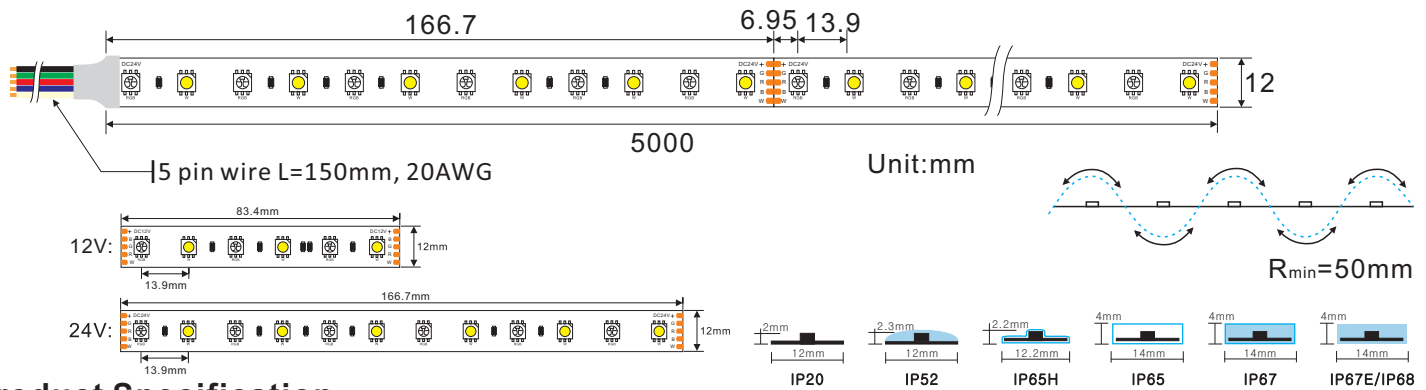
12V or 24V for option, flexible LED strip (6LED/step =83.4mm(12V)/12LED/step =166.7mm(24V)) with 3M adhesive tape on theback for easy installed.980lm/m at 17W/m. 120° beam angle.

“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	5000x12x2mm	Voltage(V)	DC12V/DC24V
Chip Type	5050SMD	Current(A/m)	1.42A(12V)/0.71A(24V)
Chip Density	72LEDs/m	Power(W/m)	17W(4 colors 100% on)
Step LEDs	6LEDs(12V)/12LEDs(24V)	Beam Angle	120°
Step Length	83.4mm(12V)/166.7mm(24V)	Operation Temperature	-20°C~50°C

Product Photometrics- White Diodes only (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
2100±100	420	7.6	55	94	94
2400±100	480	7.9	61	96	96
2700±100	510	7.7	66	95	87
3000±100	560	7.7	73	95	90
4000±200	580	7.4	78	94	93
6000±300	620	7.5	83	93	96

5050SMD 72LEDs RGB+W LED STRIP



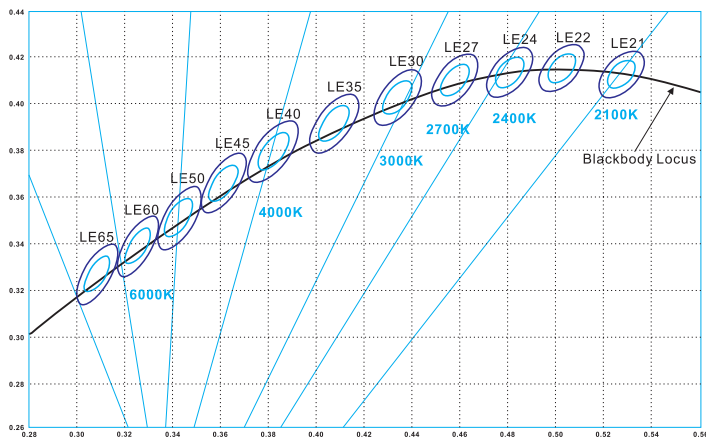
Product Photometrics - Red, Green and Blue Diodes (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	621	80	2.67	30
Green	518	524	260	2.99	87
Blue	462	466	46	2.71	17

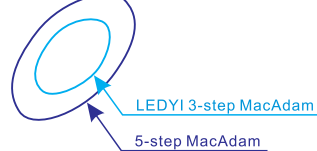
Product Photometrics - All Four color at 100% on (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2100	780	15.92	49	44	-
RGB+2400	840	16.47	51	51	-
RGB+2700	860	16.23	53	59	-
RGB+3000	920	16.43	56	62	-
RGB+4000	950	16.10	59	68	-
RGB+6000	980	16.07	61	72	-

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)

