



LED STRIP SPECIFICATION

5050SMD 84LEDs RGBW 4 IN 1 LED STRIP



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

5050SMD 84LEDs RGBW 4 IN 1 LED STRIP



Part Number: LY84-LS5050 **RGBW27-W24-IP20** → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
 → W12/W24
 → RGBW27/RGBW30/RGBW40/RGBW60

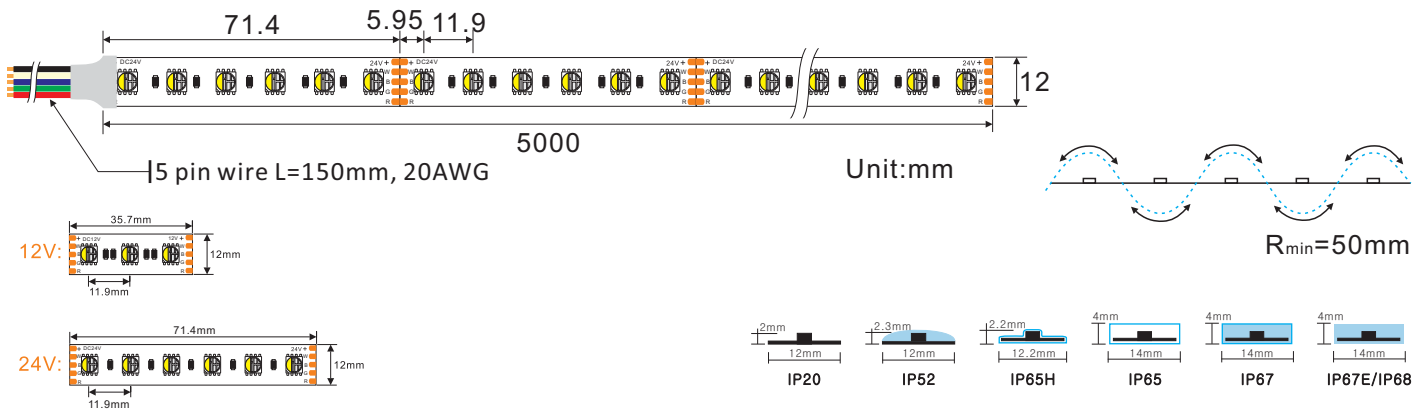


Description

12V or 24V for option, flexible LED strip (3LED/step =35.7mm,6LED/step = 71.4mm) with 3M adhesive tape on the back for easy installed.
 1600lm/m at 26.88W/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)	2.24A/1.12A
Chip Density	84LEDs/m	Power(W/m)	26.88W(4 colors 100% on)
Step LEDs	3LEDs(12V)/6LEDs(24V)	Beam Angle	120°
Step Length	35.7mm(12V)/71.4mm(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
2700±100	700	7.14	98	73	0
3000±100	710	7.17	99	77	6
4000±200	716	6.95	103	78	16
6000±300	750	7.14	105	77	15

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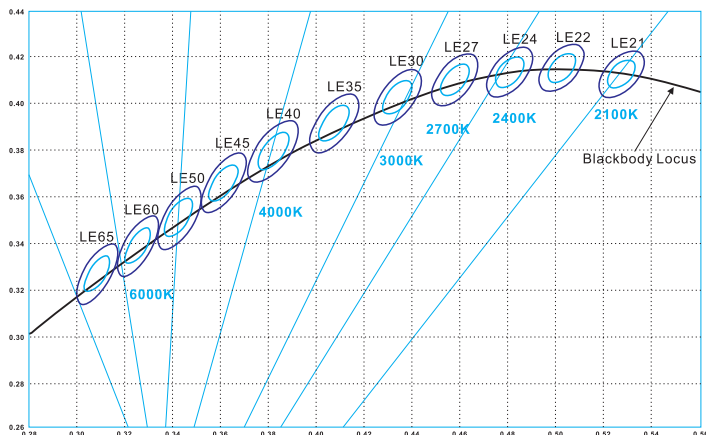
Product Photometrics - Red, Green and Blue Diodes (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	630	620	192	5.65	34
Green	518	527	550	6.79	81
Blue	465	469	150	6.00	25

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

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2700	1460	25.17	58	57	-
RGB+3000	1480	25.52	58	55	-
RGB+4000	1522	25.37	60	64	-
RGB+6000	1600	25.40	63	70	-

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)

