

LED STRIP SPECIFICATION

5050SMD 48LEDs RGB LED STRIP



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Part Num. LCE48-S5050RGB- W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
→ W12/W24



Description

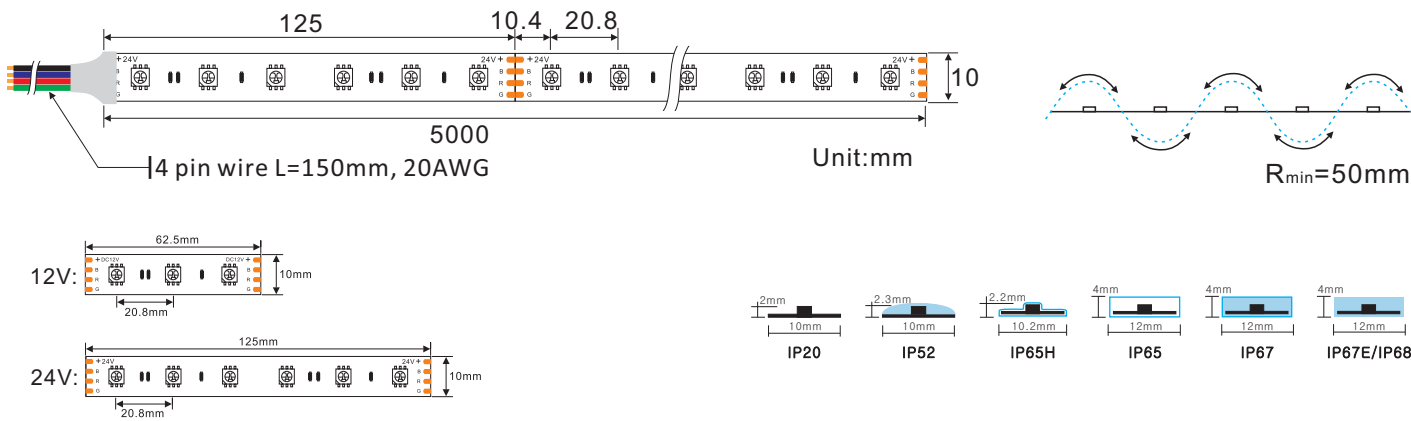
12V or 24V for option, flexible LED strip (3LED/step =62.5mm(12V)/6LED/step =125mm(24V)) with 3M adhesive tape on the back for easy installed.

11.5W/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)	0.96A(12V)/0.48A(24V)
Chip Density	48LEDs/m	Power(W/m)	11.5W(3 colors 100% on)
Step LEDs	3LEDs(12V)/6LEDs(24V)	Beam Angle	120°
Step Length	62.5mm(12V)/125mm(24V)	Operation Temperature	-20°C~50°C

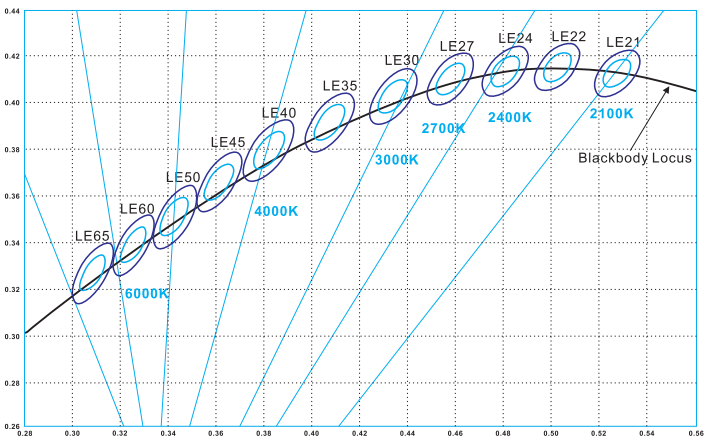
Product Photometrics - Red, Green and Blue Diodes(Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	622	103	3.55	29
Green	517	523	336	3.91	86
Blue	462	466	62	3.65	17

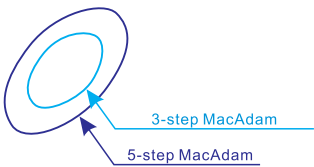
Product Photometrics - All Red, Green and Blue color at 100% on (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
42300K	500	11.36	44	50	-


Bining



Graphic Description:



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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)

