



LED STRIP SPECIFICATION

5050SMD 48LEDs RGBW S SHAPE BENDABLE LED STRIP



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

Part Number: LY48-BS5050RGBW-W12-IP20

W12/W24

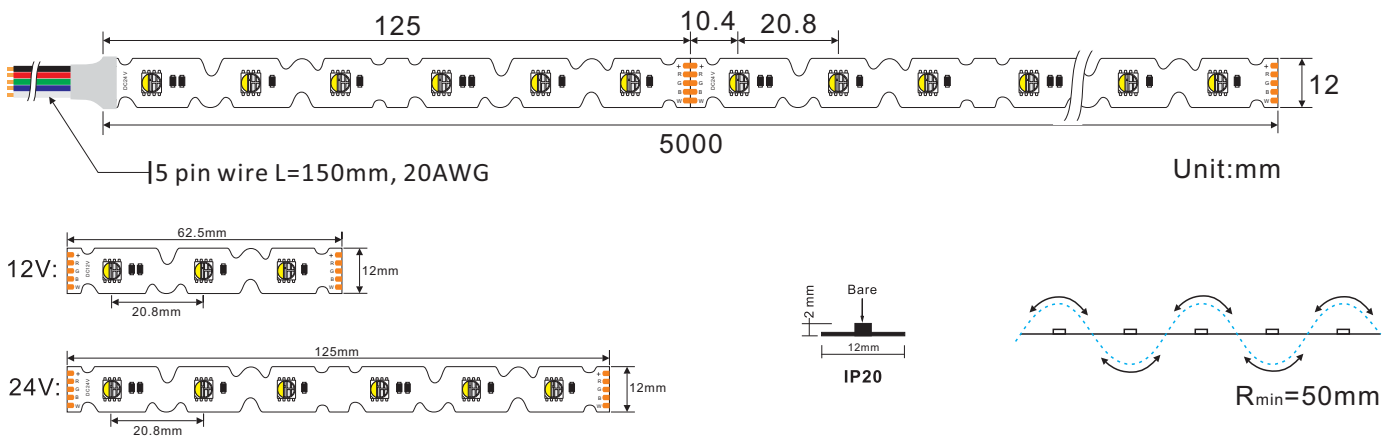


Description

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. 14.4W/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	Voltage(V)	DC12V/DC24V
Chip Type	5050SMD	Current(A/m)	1.2A(12V)/0.6A(24V)
Chip Density	48LEDs/m	Power(W/m)	14.4W(4colors 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	630.4	621.1	113.6	3.218	35.29
Green	518.9	527.4	313.9	3.856	81.38
Blue	465.7	469.3	84.81	3.545	23.93

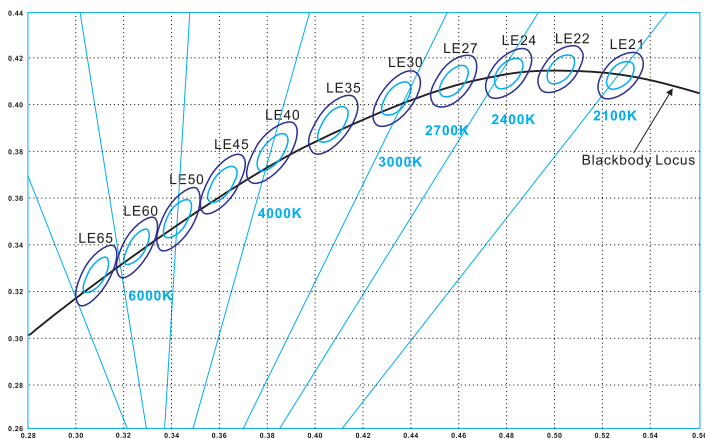
Product Photometrics- White Diodes only (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
2700±100	401.53	4.01	101.53	73.36	3.65
3000±100	417.00	4.02	103.73	77.62	8.78
4000±200	442.51	4.09	108.19	79.86	17.98
6000±300	450.36	4.11	109.55	78.42	18.63

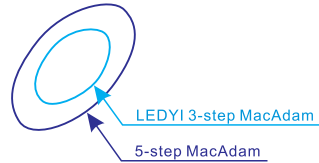
Product Photometrics - All Four color at 100% on (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2700	868.31	14.15	61.36	55.35	-
RGB+3000	882.38	14.19	62.18	58.55	-
RGB+4000	941.84	14.23	66.19	62.78	-
RGB+6000	956.36	14.43	66.28	70.61	-

Bining



Graphic Description:



For all your order

Today and tomorrow

IP20: bare, max. light output and the best color consistency, indoor use.

Packing Information(Data base on IP20)

