

LED STRIP SPECIFICATION

5050 SMD 60 LEDs RGBW 4 IN 1 LED STRIP





Part Number: LM60-LS5050RGBW27-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 =50mm(12V)/6LED/step

=100mm(24V)) with 3M adhesive tape on the back for easy installed.

"One Bin Only" within 3 MacAdam guarantees constant color

temperature and high light quality at a lifetime of 54,000 hours (L70).

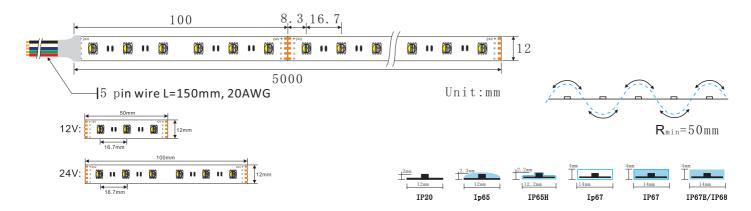
Double-layer FPC(2Oz) for good heat dissipation.







Dimensions & Waterproof



Product Specification

Dimension	5000x12x2mm
Chip Type	5050SMD
Chip Density	60LEDs/m
Step LEDs	3LEDs(12V)/6LEDs(24V)
Step Length	50mm(12V)/100mm(24V)

Voltage(V)	DC12V/DC24V
Current(A/m)	0.6A(24V)
Power(W/m)	14 W(4 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

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

CCT (K)	Lumen (Im/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
2700±100	489.22	4.8	101.92	73.36	3.65
3000±100	479.33	4.8	99.86	77.62	8.78
4000±200	508.66	4.8	105.97	79.86	17.98
6000±300	517.68	4.8	107.85	78.42	18.63

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

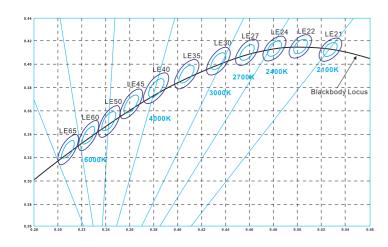
Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (Im/m)	Power (w/m)	Efficacy (Im/w)
Red	630	620	141.89	4.26	33.33
Green	518	527	441.42	5.37	82.21
Blue	465	469	122.97	4.77	25.76

Product Photometrics - All Four color at 100% on

(Data base on IP20 CRI>90)

CCT	Lumen (Im/m)	Power (w/m)	Efficacy (Im/w)	CRI	R9
RGB+2700	802.90	14	57.98	55.35	-
RGB+3000	824.88	14	58.92	58.55	-
RGB+4000	880.46	14	62.89	62.78	-
RGB+6000	894.05	14	63.86	70.61	-

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.

lp65: Silicone coating, -5% less output and 3rd best color consistency, indoor use, for damp environments. lp67: 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 , \sim 7% less output and 4th best color consistency, outdoor use, max length is 10 meters.

 $IP67E: \ Solid \ silicone \ extrusion, \ \ \sim 7\% \ less \ output \ and \ 4th \ best \ color \ consistency, \ outdoor \ use, \ max \ length \ up to 50 \ meters.$

 $IP68:\ PU(Polyurethane), -7\%\ less\ output\ and\ 4th\ best\ color\ consistency,\ under\ the\ water,\ within\ 2\ meters\ deep$

Packing Information (Database on IP2

