LED STRIP SPECIFICATION

5050SMD 120LEDs RGB LED STRIP

Part Number: MON120-DS5050RGB-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
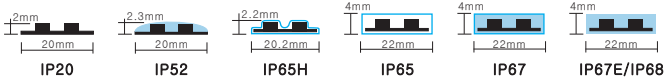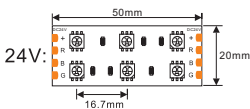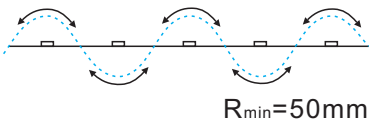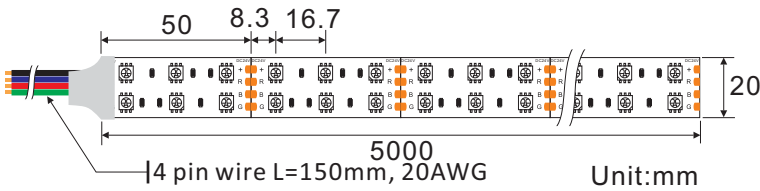
Description

24V, flexible LED strip (6LED/step=50mm) with 3M adhesive tape on the back for easy installed.

28.8W/m. 120° beam angle, high light quality at a lifetime of 54,000 hours (L_{70}).

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

Dimensions & Waterproof

50 8.3 16.7

20

5000

4 pin wire L=150mm, 20AWG Unit:mm

24V: 50mm 20mm 16.7mm

R_{min}=50mm

| 2mm 20mm IP20 | 2.3mm 20mm IP52 | 2.2mm 20.2mm IP65H | 4mm 22mm IP65 | 4mm 22mm IP67 | 4mm 22mm IP67E/IP68 |

Product Specification

Dimension	5000x20x2mm
Chip Type	5050SMD
Chip Density	120LEDs/m
Step LEDs	6LEDs
Step Length	50mm

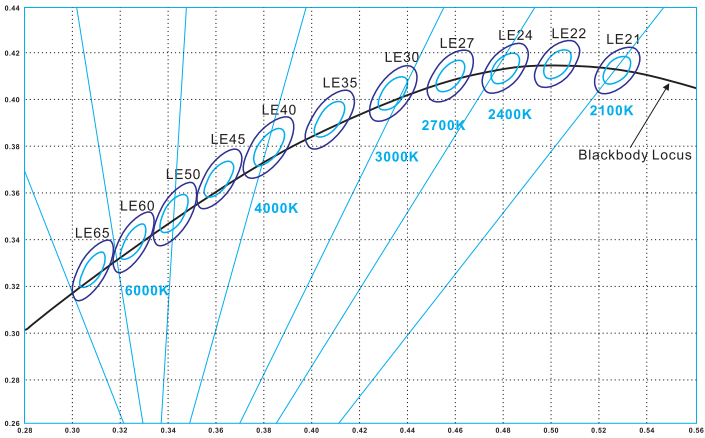| Voltage(V)	DC24V
Current(A/m)	1.2A
Power(W/m)	28.8W(3 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

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

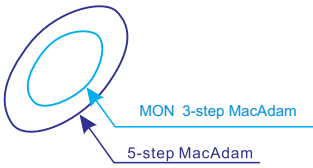| Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	622	260	8.97	29
Green	517	523	820	9.53	86
Blue	462	466	150	8.82	17

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	1230	27.95	44	50	-

Bining

Graphic Description:

MON 3-step MacAdam

5-step MacAdam

For all your order

ONE BIN ONLY

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)

| 5meters/reel | 1reel/bag | 40bags/carton | 26x28x68cm, 11.5kgs/carton |