



# LED STRIP SPECIFICATION

2835SMD 120LEDs 5mm PCB RGB LED STRIP



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

Part Number: LY120-S2835RGB-W24-IP20 → IP20/IP65H/IP65



## Description

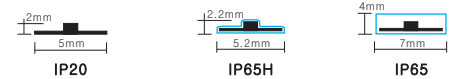
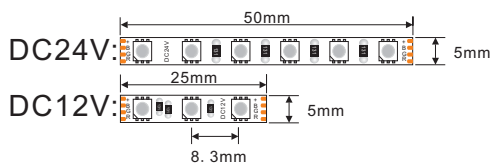
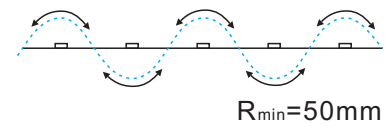
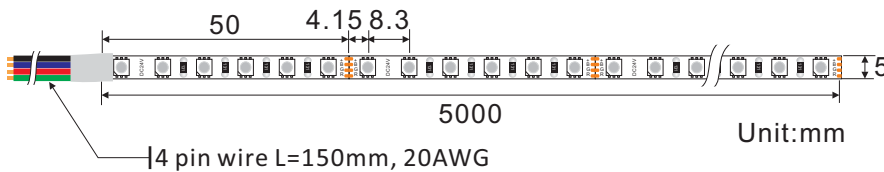
12V, 24V for option, flexible LED strip with 3M adhesive tape on the back for easy installed.

10W/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	5000x5x2mm
Chip Type	2835SMD
Chip Density	120LEDs/m
Step LEDs	6LEDs(24V)/3LEDs(12V)
Step Length	50mm(24V)/ 25mm(12V)

Voltage(V)	DC24V / DC12V
Current(A/m)	0.42A / 0.21A
Power(W/m)	10W(3 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

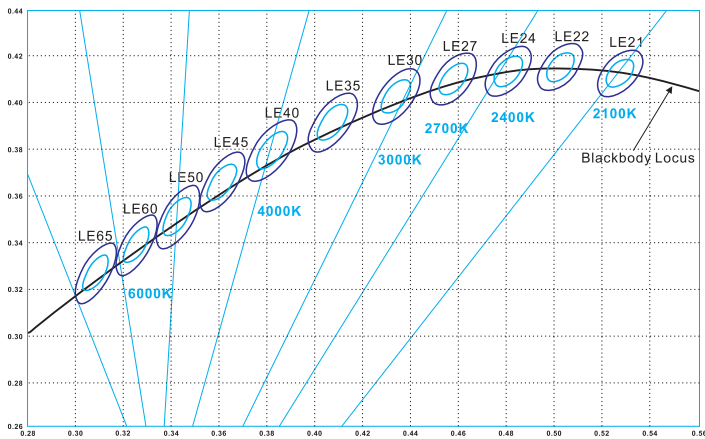
## Product Photometrics - Red, Green and Blue Diodes (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	631.2	621.6	84.20	3.22	26.15
Green	517.1	524.0	278.54	3.49	79.81
Blue	462.8	467.6	62.02	3.29	18.85

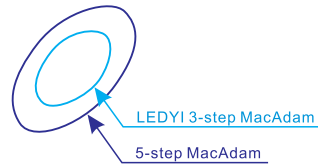
## Product Photometrics - All Red, Green and Blue color at 100% on (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
100000K	417.5	10	41.75	60.7	-

## Bining



Graphic Description:



For all your order



Today and tomorrow

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

**IP65H/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.

## Packing Information (Data base on IP20)

