



LED FLEXIBLE STRIPS

24V 840 LEDs/m RGB Flexible CSP Strip



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

24V 840 LEDs/m RGB Flexible CSP Strip



Part Number: LY840-CSPRGB-W24-IP20 → IP20/IP65CS

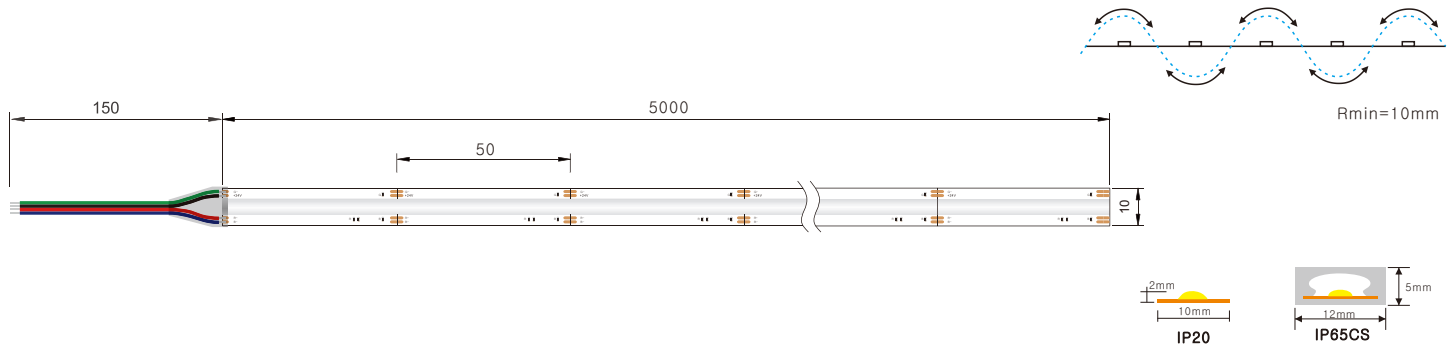


Description

24V, RGB flexible COB strip (Step length: 24V=50mm), with 3M adhesive tape on the back for easy installed. RGB color, 180° beam angle.



Dimensions & Waterproof



Product Specification

Dimension	5000x10x2mm
Chip Type	CSP
Chips/m	840pcs
Step LEDs	42pcs
Step Length	50mm

Voltage(V)	DC24V
Power(W/m)	12W
CRI	/
Beam Angle	180°
Operation Temperature	-20°C~50°C

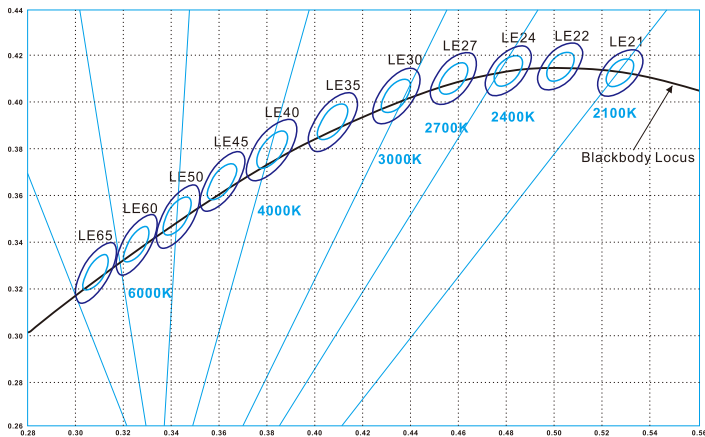
Product Photometrics (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	620	61	3.6	16.94
Green	517	525	472	4.8	98.33
Blue	462	454	55	3.6	15.28

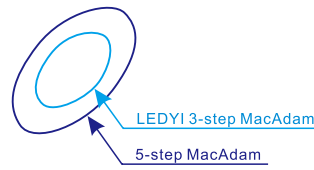
Product Photometrics - All Red, Green and Blue color at 100% on (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
-	588	12	49	-	-

Bining



Graphic Description:

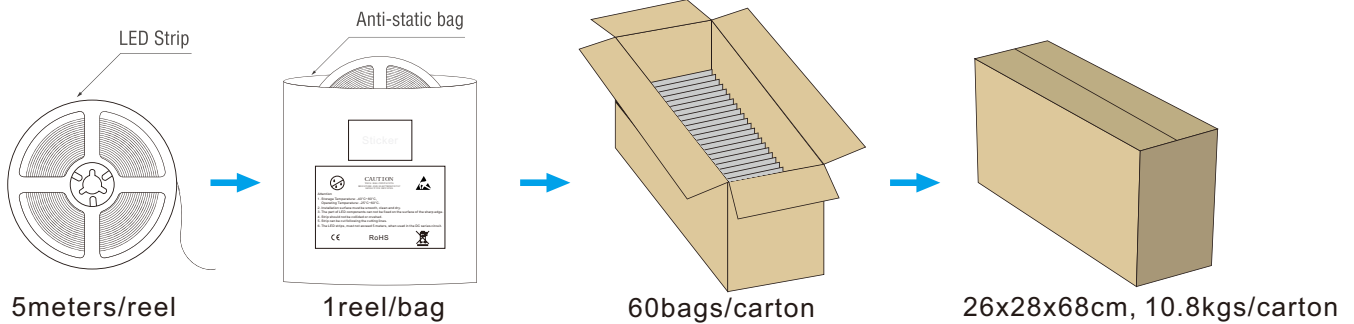


For all your order

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.

Packing Information (Data base on IP20)



Precautions for use

- To protect the LED light strip, do not hit the light-emitting area with hard things.
- After unpacking, please use in 24H to avoid the oxidation effect of solder joints.
- Avoid direct contact with high temperature objects in the light-emitting area of the lamp, and the instantaneous contact temperature of the surface of the light-emitting area should be less than 210 °C.
- The soldering iron temperature should be less than 300° during soldering, and the soldering time of single solder should be controlled within 3s.
- It is strictly forbidden to twist the lamp with short distance. The single lamp strip (0.5 m) has a maximum twist angle of 720°.



- The bend diameter at any position needs to be greater than 1cm.

