LED STRIP SPECIFICATION

020SMD 60LEDs RGB SIDE EMITTING LED STRIP

INTERTEK
ETL
C LISTED US
CM
5000906

SGS

TÜV Rheinland ®

020SMD 60LEDs RGB SIDE EMITTING LED STRIP

LEDYi

Part Number: LY60-ES020RGB-W12-IP20
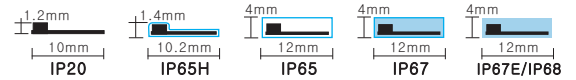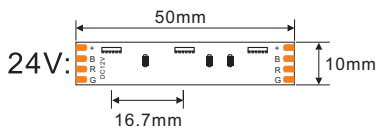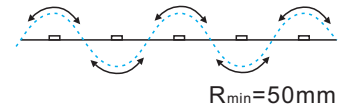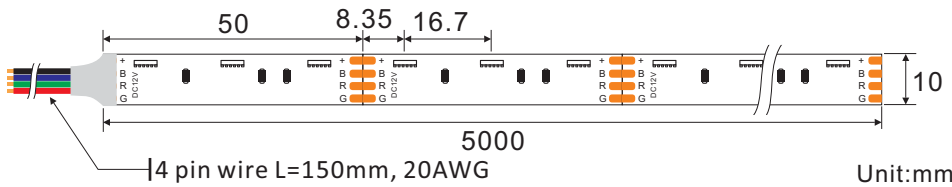
↳ IP20/IP65H/IP65/IP67/IP67E/IP68

Description

12V, flexible LED strip (3LED/step=50mm) with 3M adhesive tape on the back for easy installed. 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 8.35 16.7 10

5000

4 pin wire L=150mm, 20AWG

Unit:mm

R_{min}=50mm

24V: 50mm 10mm 16.7mm

1.2mm 10mm IP20
1.4mm 10.2mm IP65H
4mm 12mm IP65
4mm 12mm IP67
4mm 12mm IP67E/IP68

Product Specification

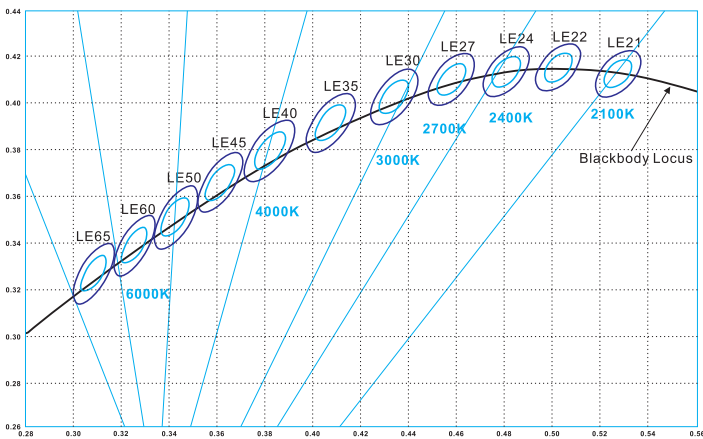| Dimension	5000x10x2mm		Voltage(V)	DC12V
Chip Type	020SMD		Current(A/m)	1A
Chip Density	60LEDs/m		Power(W/m)	12W(3 colors 100% on)
Step LEDs	3LEDs		Beam Angle	120°
Step Length	50mm		Operation Temperature	-20°C~50°C

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

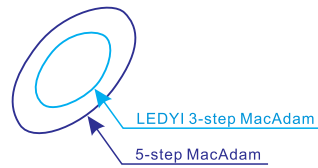| Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	633	623	92.31	4.10	22.54
Green	516	521	244.54	4.29	57.06
Blue	463	468	65.71	4.14	15.86

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	388.44	12	32.37	40.15	-

Bining

Graphic Description:

LEDYI 3-step MacAdam
5-step MacAdam

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

For all your order
ONE BIN ONLY
Today and tomorrow

Packing Information (Data base on IP20)

LED Strip → Anti-static bag
5meters/reel | 1reel/bag | 70bags/carton | 26x28x68cm, 8.1kgs/carton