



LED STRIP SPECIFICATION

3838smd&2010smd 360LEDs RGBTW LED STRIP



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

3838SMD&2010SMD 360LEDs RGBTW LED STRIP



Part Number: LY360-S3838RGBTW-W24-IP20

IP20/IP52/IP65H/IP65/IP67/IP67E/IP68



Description

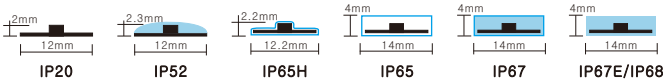
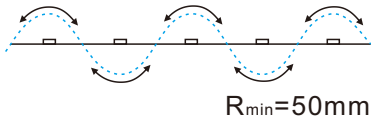
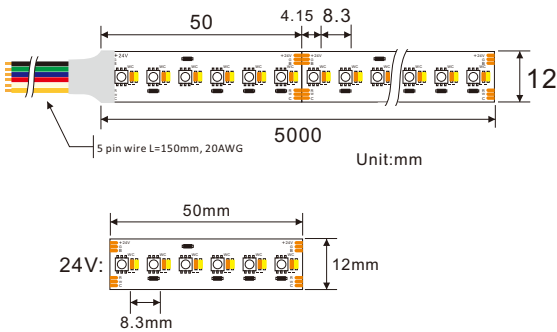
24V, flexible LED strip (18LEDs/step=20mm) with 3M adhesive tape on the back for easy installed.

1043.76lm/m at 24W/m. 120° beam angle. Very good color reproduction with CRI>90. “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	3838SMD&2010SMD
Chip Density	360LEDs/m
Step LEDs	18LEDs
Step Length	50mm

Voltage(V)	DC24V
Current(A/m)	1A
Power(W/m)	24W(5 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

Product Photometrics (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
						Rf (Fidelity)	Rg (Gamut)
2600-2800K	288	4.8	60	94.01	64.00	90.10	99.09
2900-3100K	297.6	4.8	62	92.06	63.00	95.17	105.06
3800-4300K	336	4.8	70	96.09	97.00	95.07	101.04
5900-6400K	360	4.8	75	92.06	87.00	95.13	100.01

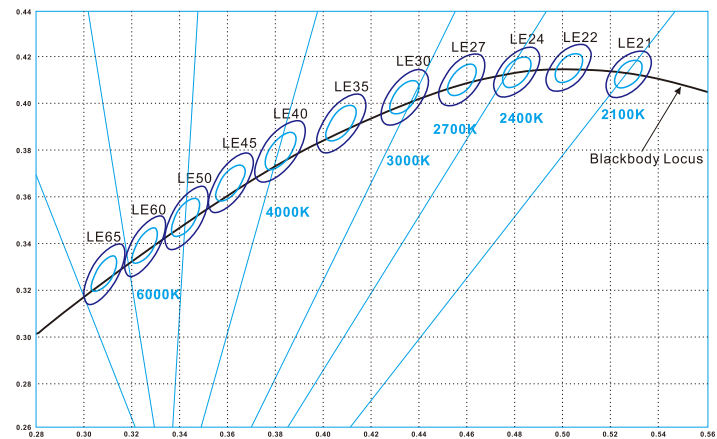
Product Photometrics - Red, Green and Blue Diodes(Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	631.0	621.1	116.25	4.8	24.22
Green	514.4	519.2	326.44	4.8	68.01
Blue	463.6	468.0	83.56	4.8	17.41


Product Photometrics - All Five color at 100% on (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+3000+6000	1043.76	24	43.49	67	5

Bining




Graphic Description:



LEDYI 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)

