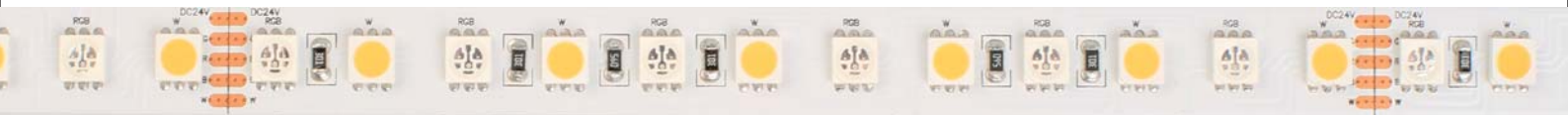




LED STRIP SPECIFICATION

5050SMD 96LEDs RGB+W LED STRIP



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

5050SMD 96LEDs RGB+W LED STRIP



Part Number: LY96-S5050 **RGBW27**-W24-**IP20** → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ RGBW21/RGBW24/RGBW27/RGBW30/RGBW40/RGBW60



Description

24V, flexible LED strip (12LED/step = 125mm) with 3M adhesive tape on the back for easy installed. 1280lm/m at 23.04W/m. 120° beam angle.

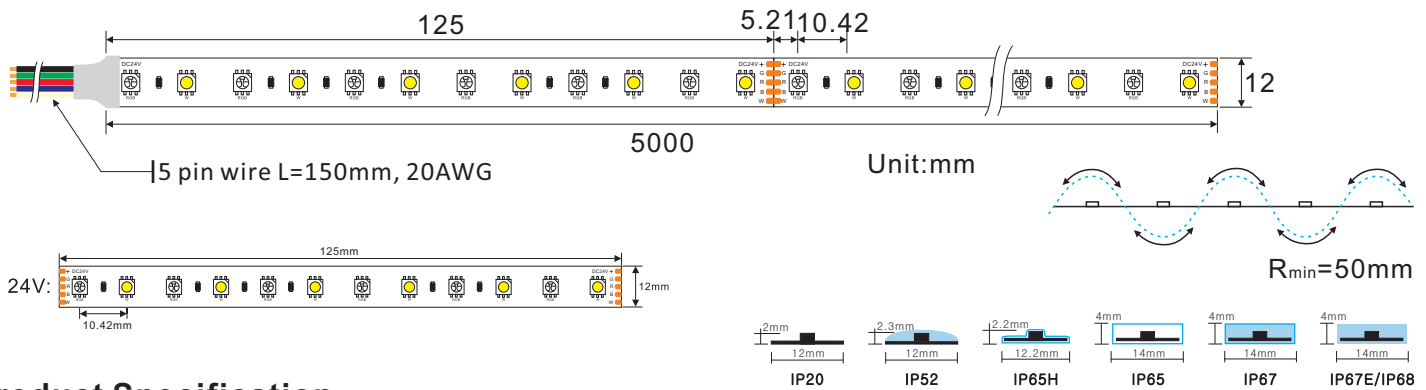
“One Bin Only” within 3 MacAdam guarantees constant color

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	5050SMD
Chip Density	96LEDs/m
Step LEDs	12LEDs
Step Length	125mm

Voltage(V)	DC24V
Current(A/m)	0.96A
Power(W/m)	23.04W(4 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

Product Photometrics- White Diodes only (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
2100±100	560	10.37	54	95	94
2400±100	640	10.49	61	96	96
2700±100	690	10.30	67	95	87
3000±100	750	10.27	73	95	90
4000±200	770	9.87	78	94	93
6000±300	935	11.00	85	93	95

5050SMD 96LEDs RGB+W LED STRIP



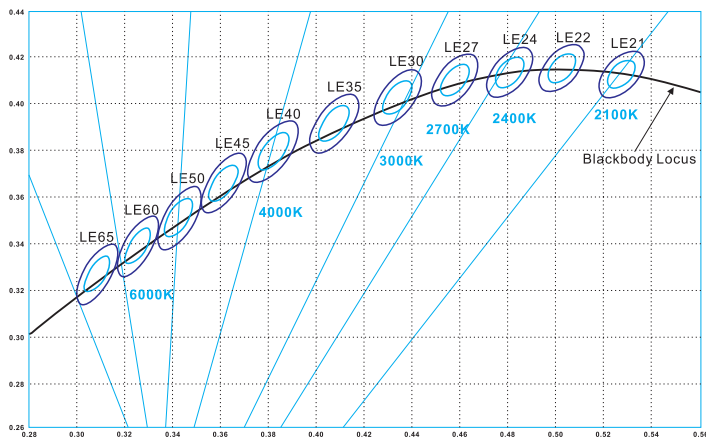
Product Photometrics - Red, Green and Blue Diodes (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	621	100	3.33	30
Green	518	524	320	3.72	86
Blue	462	466	62	3.44	18

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

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2100	1030	20.60	50	46	-
RGB+2400	1070	20.98	51	52	-
RGB+2700	1140	21.11	54	61	-
RGB+3000	1200	20.69	58	63	-
RGB+4000	1220	20.33	60	69	-
RGB+6000	1280	20.32	63	74	-

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.
- 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)

