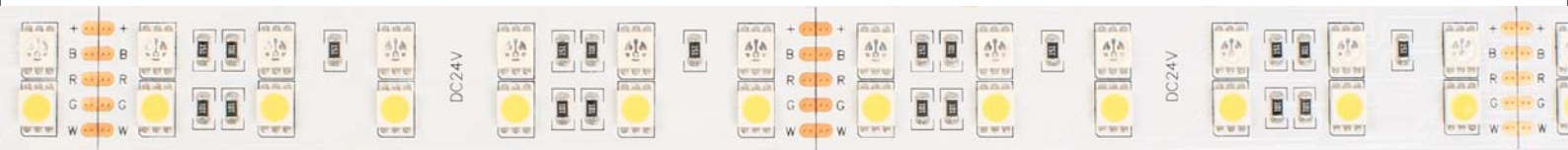




LED STRIP SPECIFICATION

5050SMD 120LEDs RGB+W LED STRIP



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

5050SMD 120LEDs RGB+W LED STRIP



Part Number: LY120-DS5050 **RGBW21**-W24-**IP20** → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
 → RGBW21/RGBW24/RGBW27/RGBW30/RGBW40/RGBW60



Description

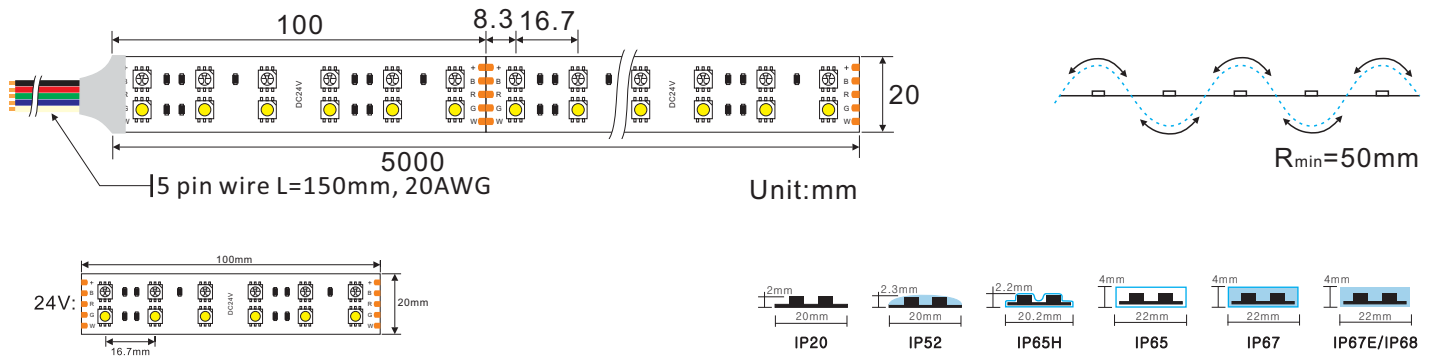
24V, flexible LED strip (12LED/step = 100mm) with 3M adhesive tape on the back for easy installed.

1680lm/m at 28.8W/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	5000x20x2mm
Chip Type	5050SMD
Chip Density	120LEDs/m
Step LEDs	12LEDs
Step Length	100mm

Voltage(V)	DC24V
Current(A/m)	1.2A
Power(W/m)	28.8W(4 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

Product Photometrics- White Diodes only (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
2100±100	740	13.96	53	95	93
2400±100	830	14.31	58	96	95
2700±100	880	13.75	64	94	86
3000±100	1000	13.89	72	95	90
4000±200	1020	13.42	76	94	93
6000±300	1090	13.13	83	93	98

5050SMD 120LEDs RGB+W LED STRIP



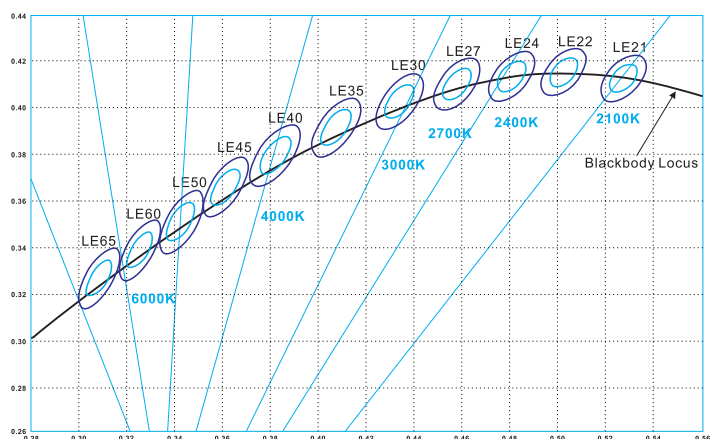
Product Photometrics - Red, Green and Blue Diodes (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	621	130	4.33	30
Green	518	524	420	4.94	85
Blue	462	466	74	4.63	16

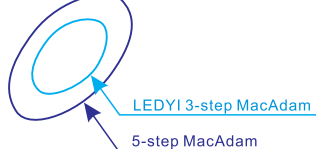
Product Photometrics - All Four color at 100% on (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2100	1340	27.92	48	45	-
RGB+2400	1430	28.60	50	52	-
RGB+2700	1490	27.59	54	61	-
RGB+3000	1560	27.86	56	63	-
RGB+4000	1590	27.41	58	69	-
RGB+6000	1680	27.10	62	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)

