

LED STRIP SPECIFICATION

5050SMD 60LEDs RGB+W LED STRIP



5050SMD 60LEDs RGB+W LED STRIP

Part Num: LCE60-S5050RGBW21-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
→ W12/W24
→ RGBW21/RGBW24/RGBW27/RGBW30/RGBW40/RGBW60



Description

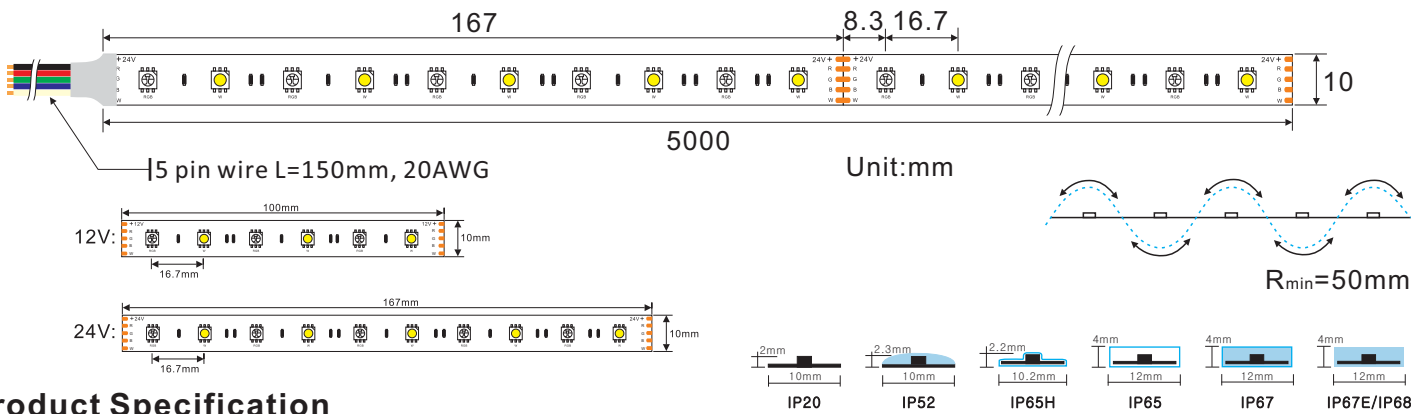
12V or 24V for option, flexible LED strip (6LED/step =100mm(12V)/10LED/step =167mm(24V)) with 3M adhesive tape on the back for easy installed.

848.02lm/m at 14.4W/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	5000x10x2mm	Voltage(V)	DC12V/DC24V
Chip Type	5050SMD	Current(A/m)	1.2A(12V)/0.6A(24V)
Chip Density	60LEDs/m	Power(W/m)	14.4W(4 colors 100% on)
Step LEDs	6LEDs(12V)/10LEDs(24V)	Beam Angle	120°
Step Length	100mm(12V)/167mm(24V)	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	359.35	7.2	49.91	95.48	91.89
2400±100	395.71	7.2	54.96	95.66	93.29
2700±100	445.97	7.2	61.94	95.70	86.42
3000±100	459.79	7.2	63.86	95.10	91.46
4000±200	496.73	7.2	68.99	94.50	92.17
6000±300	546.70	7.2	75.93	93.76	92.28

5050SMD 60LEDs RGB+W LED STRIP

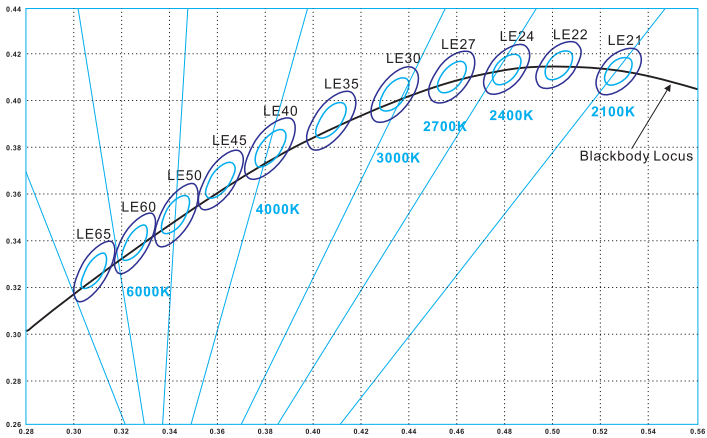
Product Photometrics - Red, Green and Blue Diodes(Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	621	55.66	2.14	26
Green	518	524	192.96	2.61	74
Blue	462	466	34.32	2.45	14

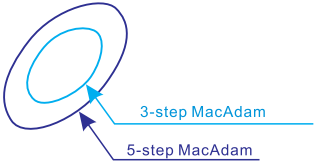
Product Photometrics - All Four color at 100% on (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2100	661.97	14.4	45.97	45.51	-
RGB+2400	702.72	14.4	48.80	53.47	-
RGB+2700	746.93	14.4	51.87	62.63	-
RGB+3000	776.16	14.4	53.90	64.56	-
RGB+4000	818.35	14.4	56.83	69.64	-
RGB+6000	848.02	14.4	58.89	75.14	-


Bining



Graphic Description:



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 + 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)

