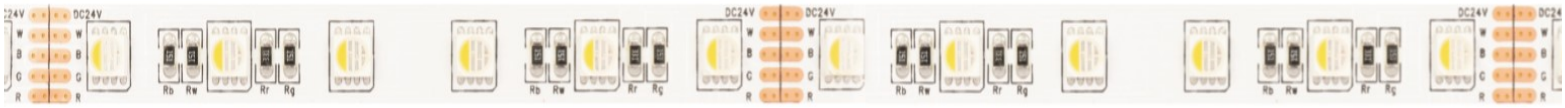
LED STRIP SPECIFICATION

5050SMD 60LEDs RGBW 4 IN 1 LED STRIP



5000906

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

5050SMD 60LEDs RGBW 4 IN 1 LED STRIP

Part Number: TAPERGBWW, TAPERGBCW.

Description

12V or 24V for option, flexible LED strip (3LED/step =50mm(12V)/6LED/step =100mm(24V)) with 3M adhesive tape on the back for easy installed.

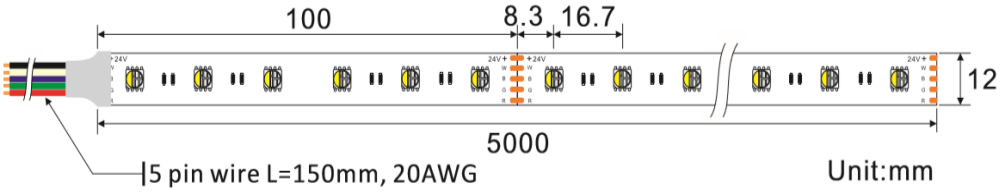
1226.11lm/m at 19.2W/m. 120° beam angle.

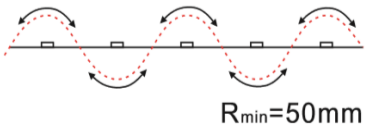
"One Bin Only" within 3 MacAdam guarantees constant color temperature and high light quality at a lifetime of 54,000 hours (L_{70}).

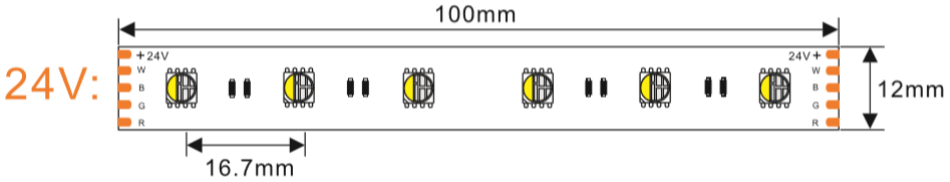
Double-layer FPC(2Oz) for good heat dissipation.

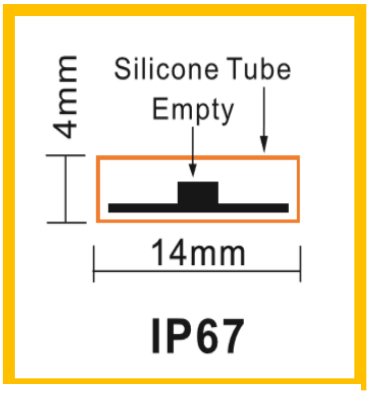
3~5 Y Warranty

Dimensions & Waterproof









Product Specification

Dimension	5000x12x2mm
Chip Type	5050SMD
Chip Density	60LEDs/m
Step LEDs	3LEDs(12V)/6LEDs(24V)
Step Length	50mm(12V)/100mm(24V)

Voltage(V)	DC12V/DC24V
Current(A/m)	1.6A(12V)/0.8A(24V)
Power(W/m)	19.2W(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
2700±100	489.22	4.8	101.92	73.36	3.65
3000±100	479.33	4.8	99.86	77.62	8.78
4000±200	508.66	4.8	105.97	79.86	17.98
6000±300	517.68	4.8	107.85	78.42	18.63

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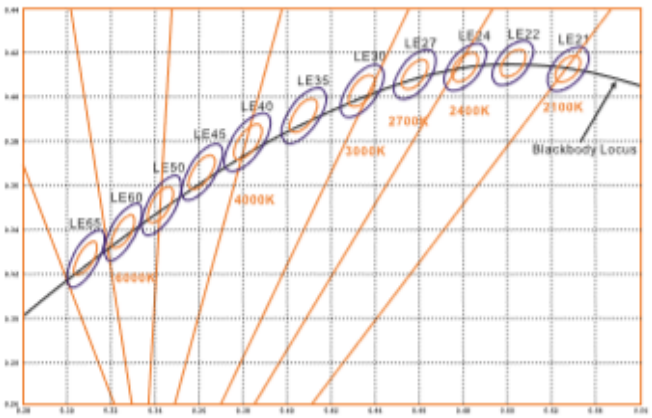
Product Photometrics - Red, Green and Blue Diodes (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	630	620	141.89	4.26	33.33
Green	518	527	441.42	5.37	82.21
Blue	465	469	122.97	4.77	25.76

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

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2700	1113.22	19.2	57.98	55.35	-
RGB+3000	1131.26	19.2	58.92	58.55	-
RGB+4000	1207.49	19.2	62.89	62.78	-
RGB+6000	1226.11	19.2	63.86	70.61	-

Bining



Graphic Description:

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

IP65: silicone dropped,~5% less output and 3rd best color consistency, indoor use

IP67: silicone tube,~3% less output and 2nd best color consistency, indoor or semi-outdoor use

IP68: silicone enclosed,~7% less output and 4th best color consistency, underwater or outdoor use.