

TRONIX

LED STRIP SPECIFICATION

5050SMD 96LEDs RGBW 4 IN 1 LED STRIP



5050SMD 96LEDs RGBW 4 IN 1 LED STRIP



Description

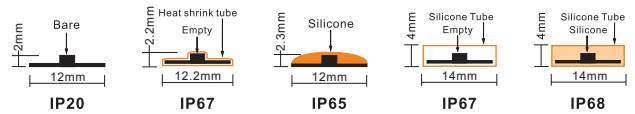
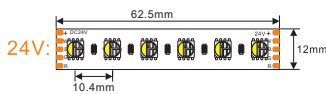
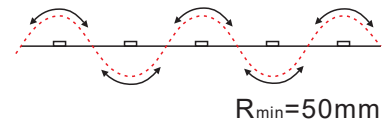
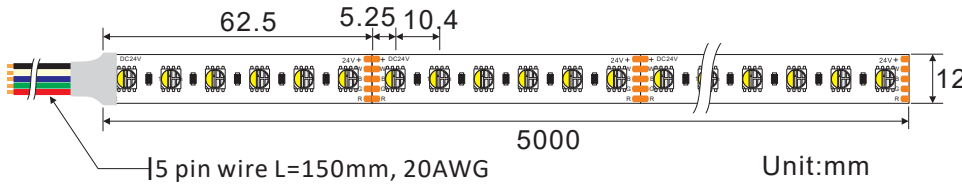
24V, flexible LED strip (6LED/step =62.5mm) with 3M adhesive tape on the back for easy installation. 120° beam angle.

“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	6LEDs
Step Length	62.5mm

Voltage(V)	DC24V
Current(A/m)	1.275A
Power(W/m)	30.6W(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	770	8.11	95	73	0
3000±100	774	8.15	95	77	6
4000±200	800	7.92	101	79	17
6000±300	840	8.24	102	78	16

5050SMD 96LEDs RGBW 4 IN 1 LED STRIP

Product Photometrics - Red, Green and Blue Diodes

(Data base on IP20)

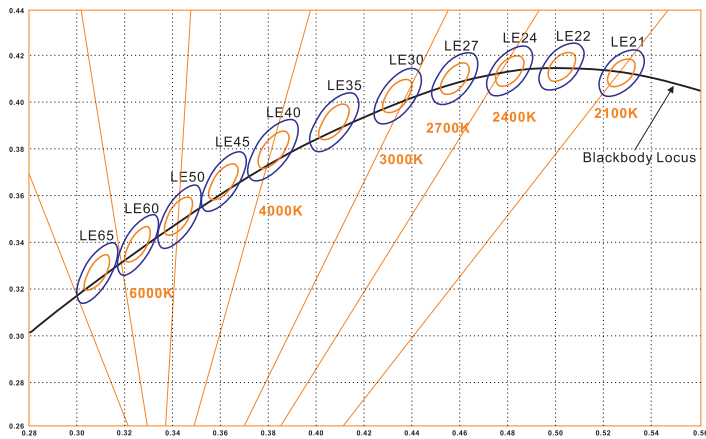
Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	630	620	200	6.45	31
Green	518	527	620	7.85	79
Blue	465	469	170	7.73	22

Product Photometrics - All Four color at 100% on

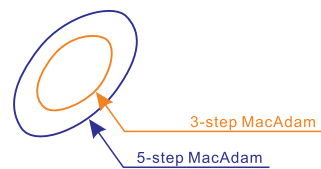
(Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2700	1650	28.95	57	57	-
RGB+3000	1660	29.12	57	56	-
RGB+4000	1700	28.33	60	63	-
RGB+6000	1760	29.33	60	70	-

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.