

TRONIX

LED STRIP SPECIFICATION

5050SMD 96LEDs RGB LED STRIP



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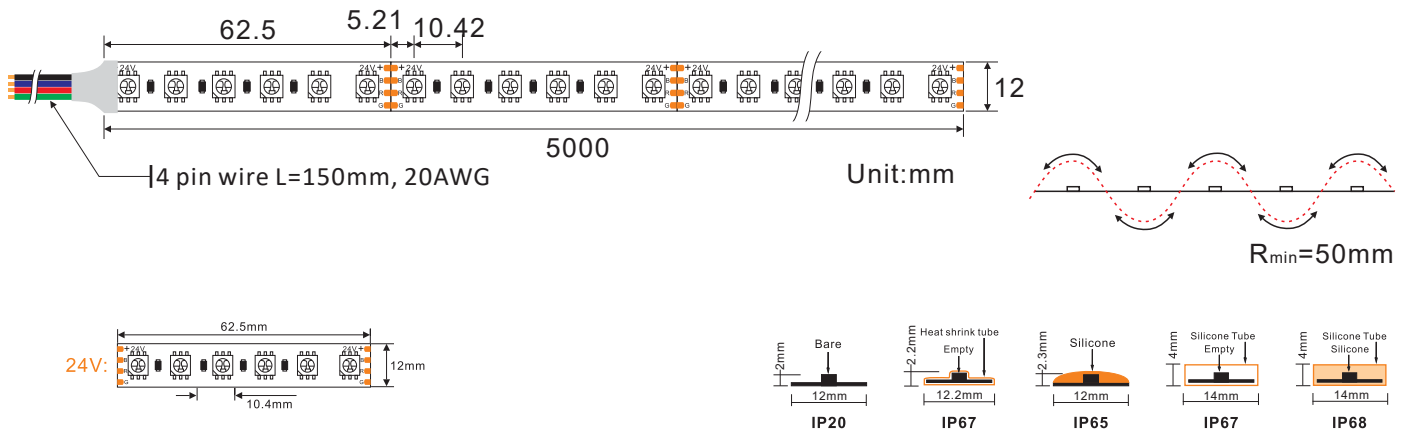


Description

24V, flexible LED strip (6LED/step=62.5mm(24V)) with 3M adhesive tape on the back for easy installation. 23W/m. 120° beam angle, 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)	0.96A
Power(W/m)	23W(3 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

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	622	206	7.10	29
Green	517	523	670	7.79	86
Blue	462	466	120	7.06	17

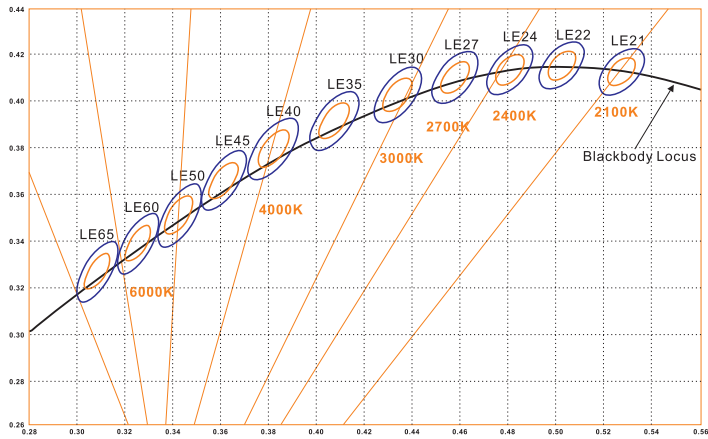
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Product Photometrics - All Red, Green and Blue color at 100% on

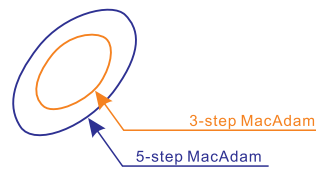
(Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
42300K	980	22.27	44	50	-

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.