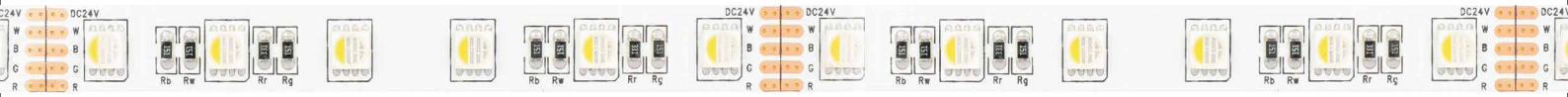


# TRONIX

## LED STRIP SPECIFICATION

5050SMD 60LEDs RGBW 4 IN 1 LED STRIP



# 5050SMD 60LEDs RGBW 4 IN 1 LED STRIP



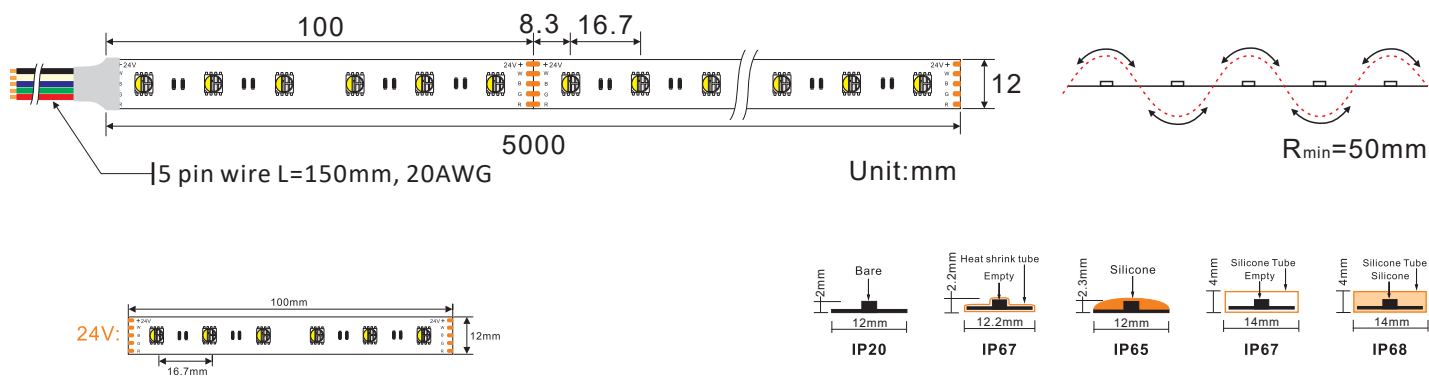
## Description

24V flexible LED strip (3LED/step =50mm(12V)/6LED/step =100mm) with 3M adhesive tape on the back for easy installed. 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<sub>70</sub>). Double-layer FPC(2Oz) for good heat dissipation.



## Dimensions & Waterproof



## Product Specification

Dimension	5000x12x2mm
Chip Type	5050SMD
Chip Density	60LEDs/m
Step LEDs	6LEDs
Step Length	100mm

Voltage(V)	DC24V
Current(A/m)	0.8A
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

# 5050SMD 60LEDs RGBW 4 IN 1 LED STRIP

## Product Photometrics - Red, Green and Blue Diodes

(Data base on IP20)

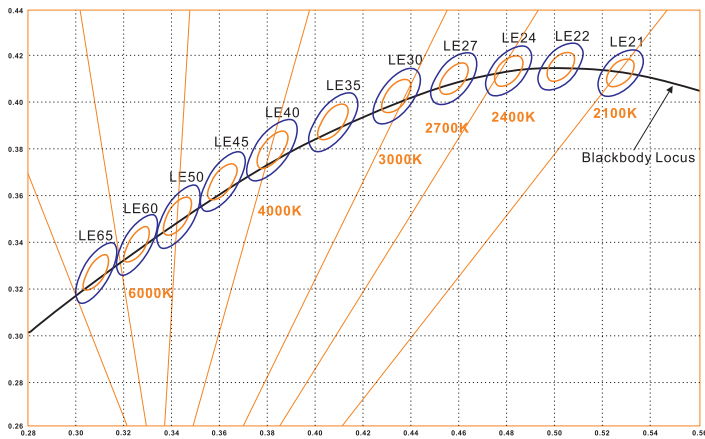
Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	630	620	141.89	4.26	33.33
Green	518	527	441.42	5.37	82.21
Blue	465	469	122.97	4.77	25.76

## Product Photometrics - All Four color at 100% on

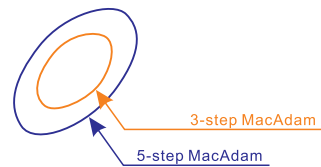
(Data base on IP20)

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.