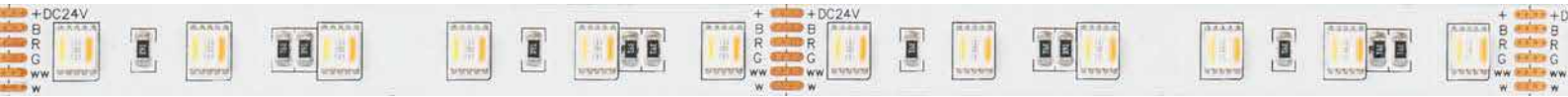


TRONIX

LED STRIP SPECIFICATION

5050SMD 60LEDs RGB + TUNEABLE WHITE 5 IN 1 LED STRIP



5050SMD 60LEDs RGB+TUNEABLE WHITE 5 IN 1 LED STRIP



Description

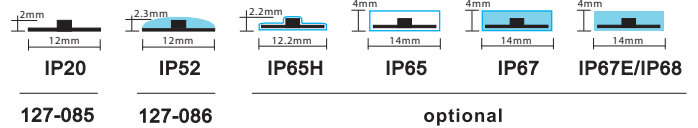
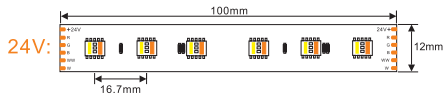
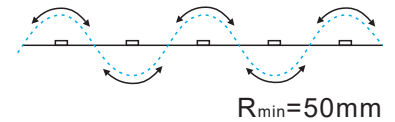
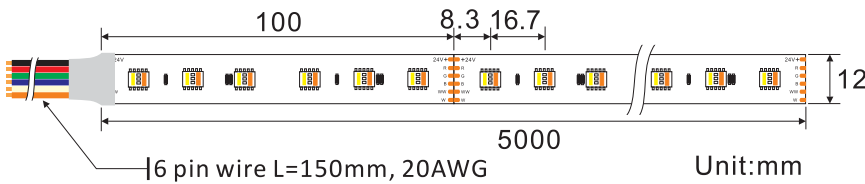
24V, flexible LED strip (6LED/step = 100mm) with 3M adhesive tape on the back for easy installed. 110lm/m at 19.2W/m. 120° beam angle.

“One Bin Only” within 3 MacAdam guarantees constant color temperature and high light quality at a lifetime of 54,000 hours (L₇₀).

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(5 colors 100% on)
Beam Angle	120
Operation Temperature	-20~50

Product Photometrics (Data base on IP20 CRI>80)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
						Rf (Fidelity)	Rg (Gamut)
2400 only	311.68	3.725	83.68	83.30	23.94	82.87	94.81
6000 only	390.28	3.732	104.58	84.72	16.82	81.88	94.85
2400+6000 both	709.96	7.457	95.20	83.24	28.95	82.87	96.92

5050SMD 60LEDs RGB+TUNEABLE WHITE 5 IN 1 LED STRIP

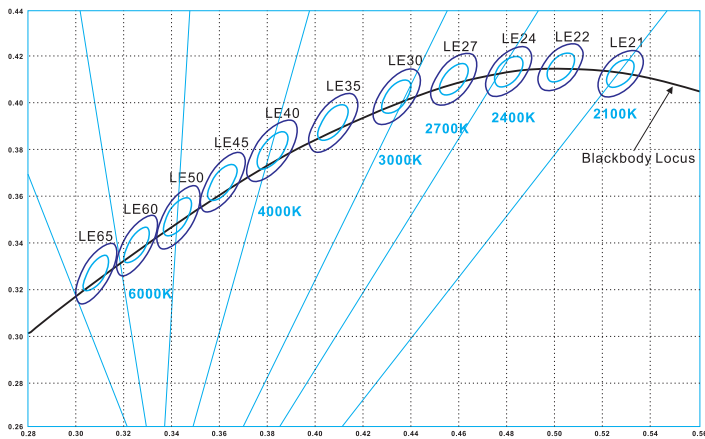
Product Photometrics - Red, Green and Blue Diodes (Data base on IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	620.7	108.04	3.324	32.50
Green	518	523.6	245.58	3.278	74.91
Blue	465	468.4	65.749	3.571	18.41

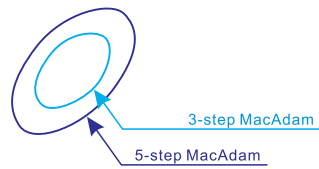
Product Photometrics - All Five color at 100% on (Data base on IP20 CRI>80)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2400+6000	1101.2	18.24	60.37	72.1	0

Bining



Graphic Description:



- 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 / U milky 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.
- IP68: PU(Polyurethane), ~7% less output and 4th best color consistency, under the water, within 2 meters deep.