

## LED STRIP SPECIFICATION

5050SMD 60LEDs TUNABLE WHITE LED STRIP



# 5050SMD 60LEDs TUNABLE WHITE LED STRIP

**LCE** LED & COMPONENTS EXPERT

Part Num. LCE60-S5050TW2760-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68  
→ W12/W24  
→ TW2160/TW2460/TW2760/TW3060...



## Description

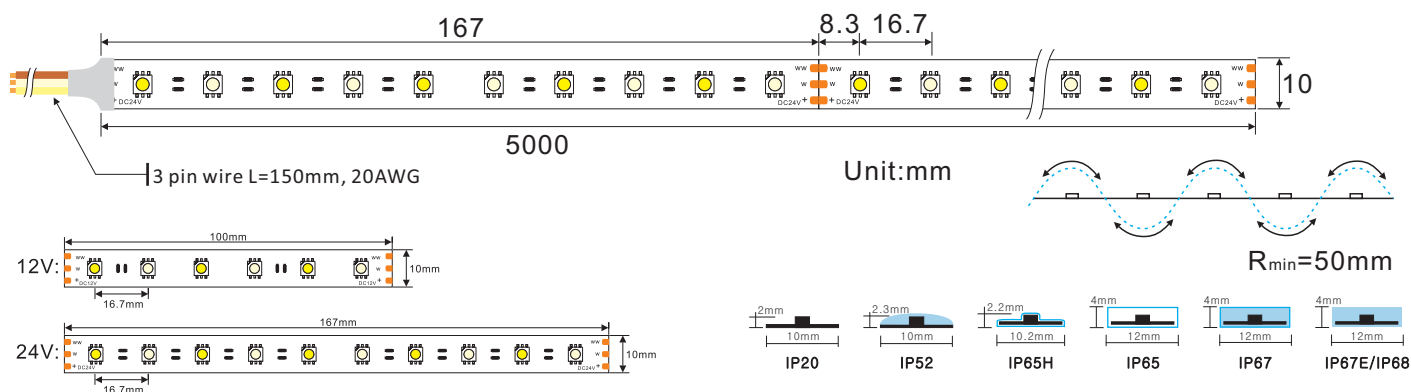
12V or 24V for option, flexible LED strip (6LED/step = 100mm(12V)/10LED/step = 167mm(24V)) with 3M adhesive tape on the back for easy installed.

1070.78lm/m at 14.4W/m. 120° beam angle. Very good color reproduction with CRI>90. "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



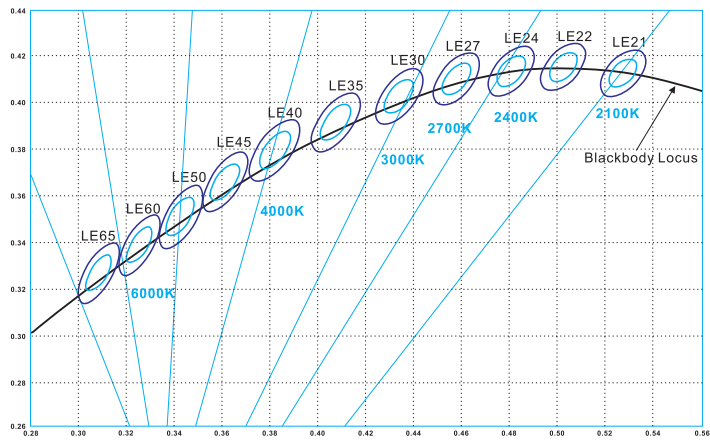
## Product Specification

Dimension	5000x10x2mm	Voltage(V)	DC12V/DC24V
Chip Type	5050SMD	Current(A/m)	1.2A(12V)/0.6A(24V)
Chip Density	60LEDs/m	Power(W/m)	14.4W(2 colors 100% on)
Step LEDs	6LEDs(12V)/10LEDs(24V)	Beam Angle	120°
Step Length	100mm(12V)/167mm(24V)	Operation Temperature	-20°C~50°C

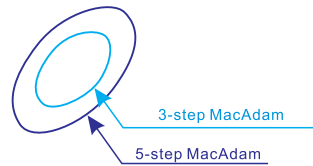
## Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
						R <sub>f</sub> (Fidelity)	R <sub>g</sub> (Gamut)
2700 only	410.54	7.2	57.02	95.86	87.98	95.83	99.95
6000 only	633.17	7.2	87.94	94.67	98.99	90.97	102.99
2700+6000 both	1070.78	14.4	74.36	94.99	90.93	92.91	104.90

## Bining



Graphic Description:



For all your order

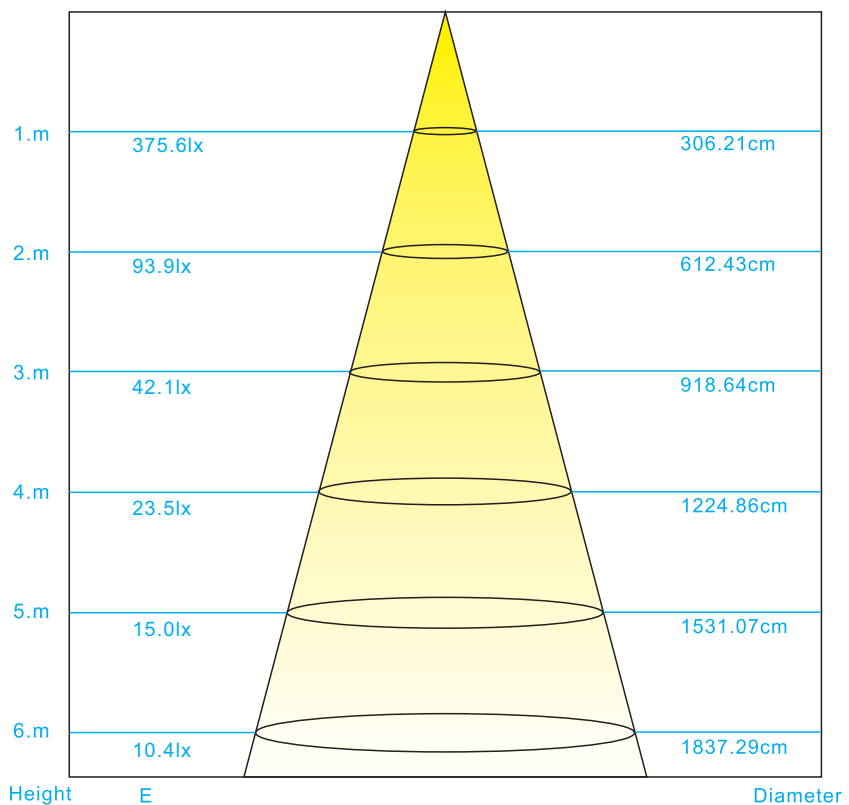
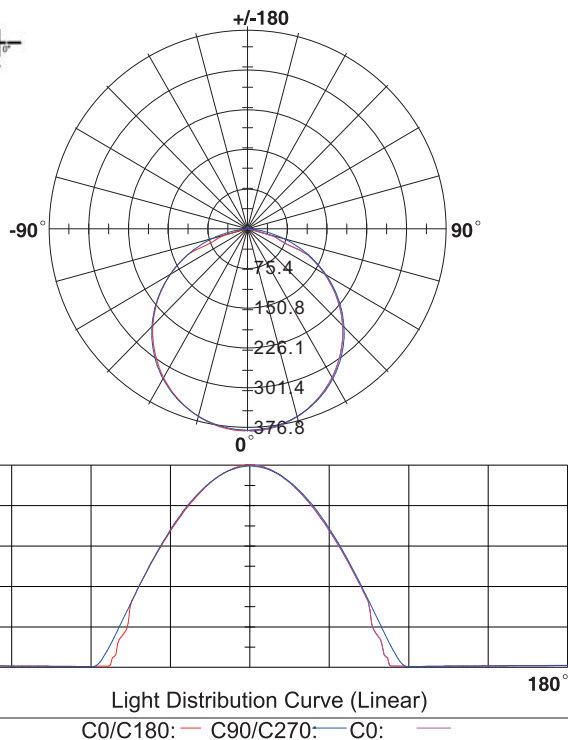


Today and tomorrow

- 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 / IP65H:** 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, max length up to 50 meters.
- IP68:** PU(Polyurethane), ~7% less output and 4th best color consistency, under the water, within 2 meters deep.

## Light Distribution Curve[Data base on 1m IP20 2700K+6000K CRI>90, Unit:cd]

Luminaire



Beam Angle: 113.30°

## Packing Information(Data base on IP20)

