



## LED STRIP SPECIFICATION

5050SMD 30LEDs LED STRIP



Note: LEDYI may change product specifications and installation guidance without prior notice.

# 5050SMD 30LEDs LED STRIP



Part Number: LY30-S5050 **W30-W24-IP20** → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68  
 → W12/W24  
 → W21/W24/W27/W30/W40/W60

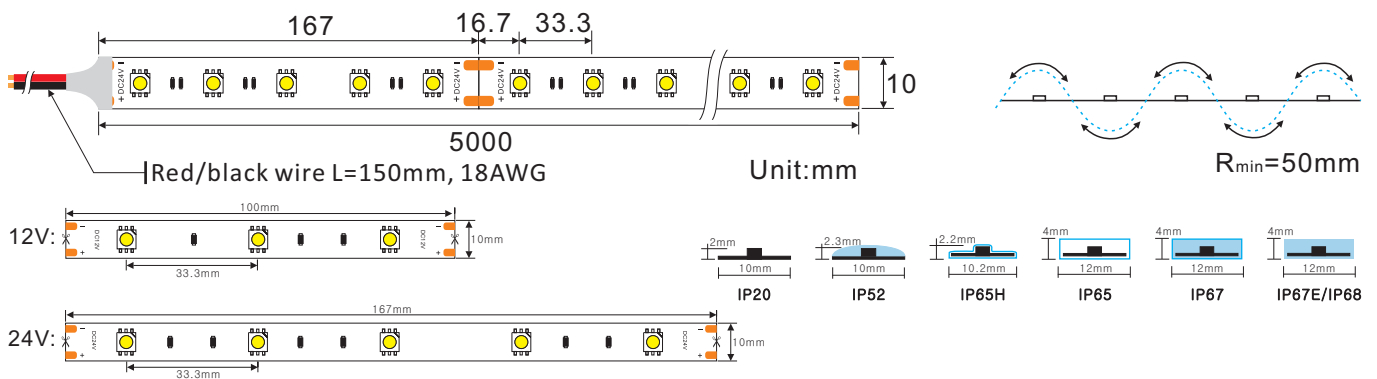


## Description

12V or 24V for option, flexible LED strip (3LED/step = 100mm(12V)/5LED/step = 167mm(24V)) with 3M adhesive tape on the back for easy installed.  
 530.35lm/m at 7.2W/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



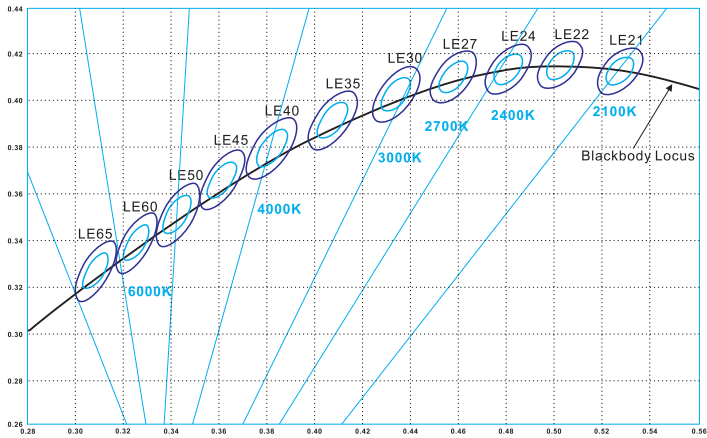
## Product Specification

Dimension	5000x10x2mm	Voltage(V)	DC12V/DC24V
Chip Type	5050SMD	Current(A/m)	0.6A(12V)/0.3A(24V)
Chip Density	30LEDs/m	Power(W/m)	7.2W
Step LEDs	3LEDs(12V)/5LEDs(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)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					R <sub>f</sub> (Fidelity)	R <sub>g</sub> (Gamut)
2100±100	385.56	53.55	90.12	78.59	90.14	99.31
2400±100	402.26	55.87	90.55	79.34	90.14	99.24
2700±100	430.99	59.86	93.11	80.25	90.37	101.13
3000±100	470.23	65.31	93.23	79.42	90.36	100.15
4000±200	501.62	69.67	94.18	90.32	93.12	101.78
6000±300	530.35	73.66	92.25	80.13	90.33	99.93

## Bining



Graphic Description:



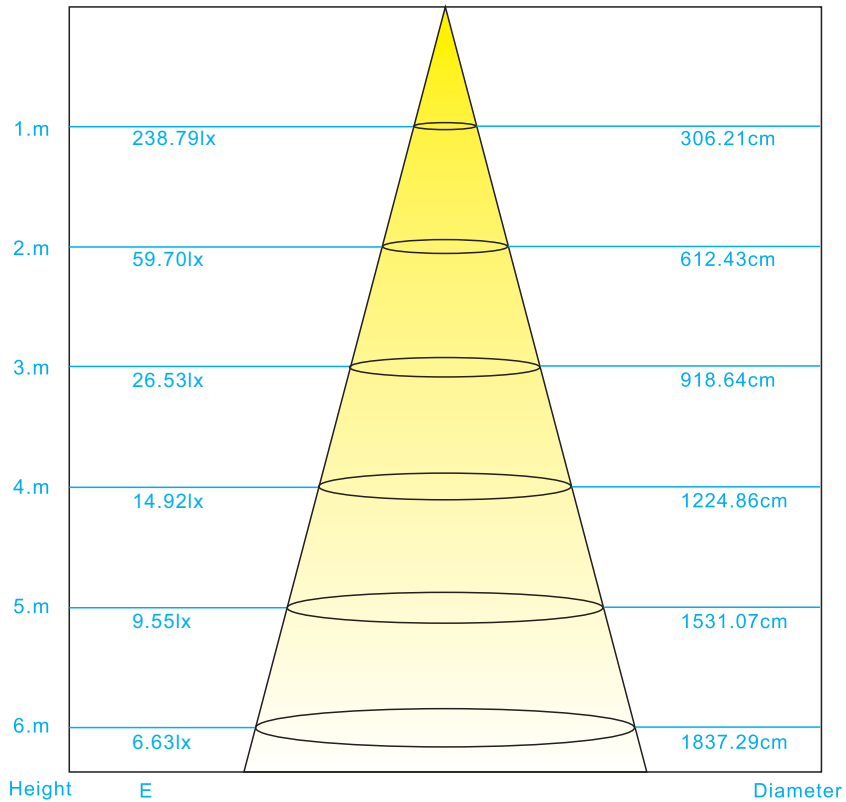
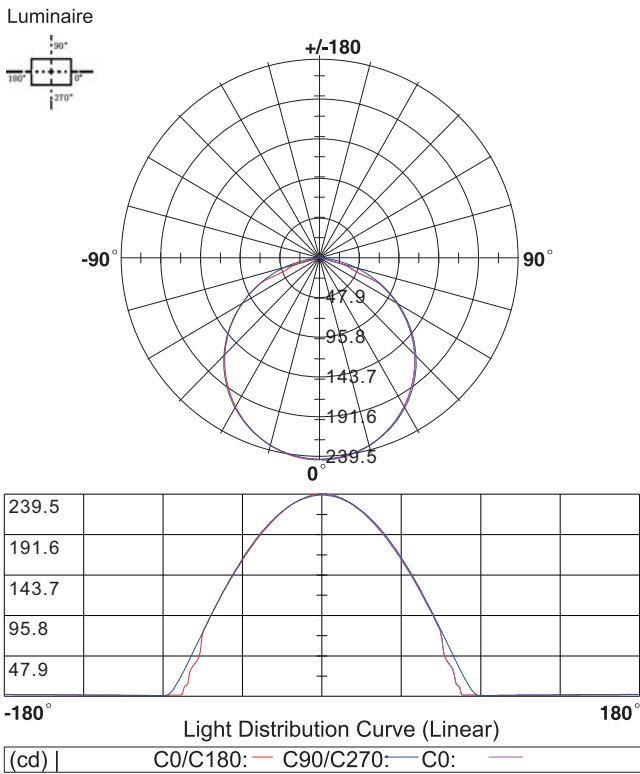
For all your order



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:** 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 3000K CRI>90, Unit:cd]



Beam Angle: 113.5°

## Packing Information (Data base on IP20)

