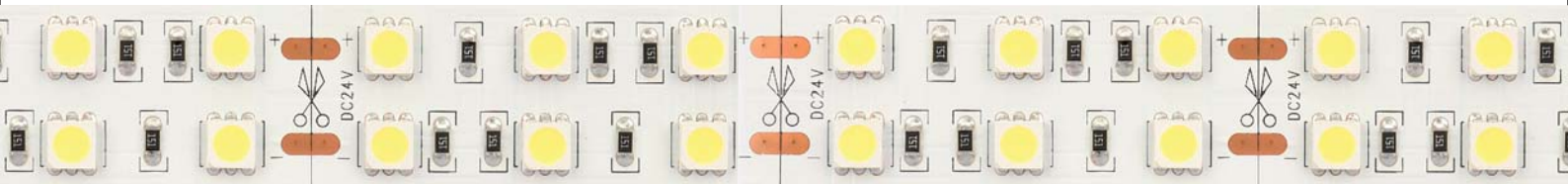




## LED STRIP SPECIFICATION

5050SMD 120LEDs LED STRIP



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

# 5050SMD 120LEDs LED STRIP



Part Number: LY120-S5050W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W21/W24/W27/W30/W40/W60

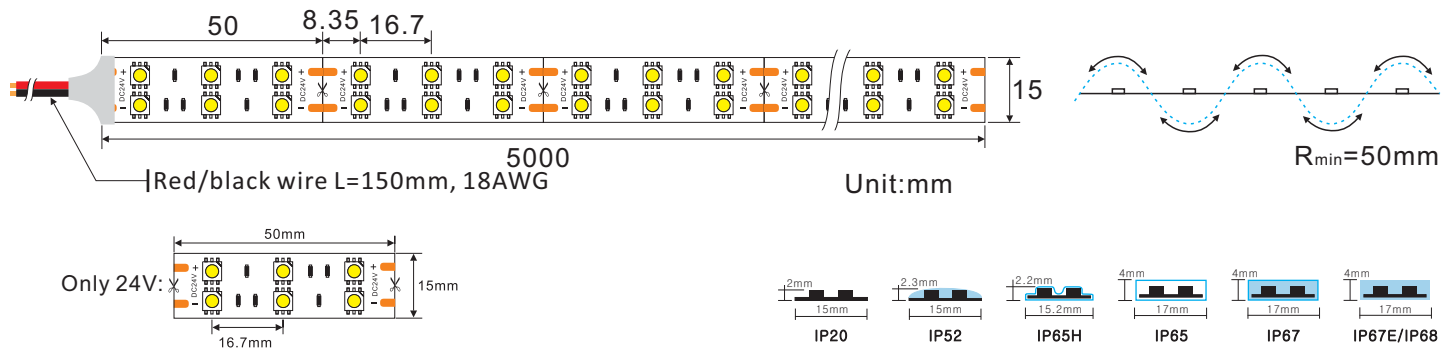


## Description

24V, flexible LED strip (6LED/step =50mm) with 3M adhesive tape on the back for easy installed. 2126.30lm/m at 28.8W/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

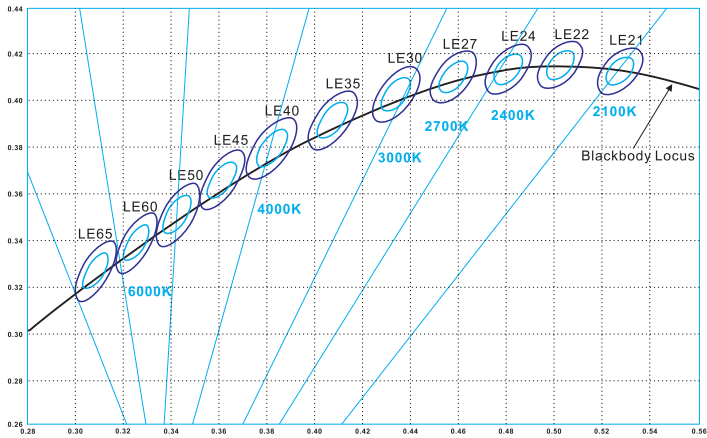
Dimension	5000x15x2mm
Chip Type	5050SMD
Chip Density	120LEDs/m
Step LEDs	6LEDs(24V)
Step Length	50mm(24V)

Voltage(V)	DC24V
Current(A/m)	1.2A
Power(W/m)	28.8W
Beam Angle	120°
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	1557.50	54.08	90.01	79.17	90.17	99.92
2400±100	1705.82	59.23	90.09	79.24	90.21	99.89
2700±100	1858.17	64.52	93.29	81.47	91.55	101.08
3000±100	1981.15	68.79	94.28	83.09	92.46	101.99
4000±200	2079.93	72.22	94.97	85.66	93.46	102.48
6000±300	2126.30	73.83	91.28	80.03	90.19	99.91

## Bining



Graphic Description:



For all your order

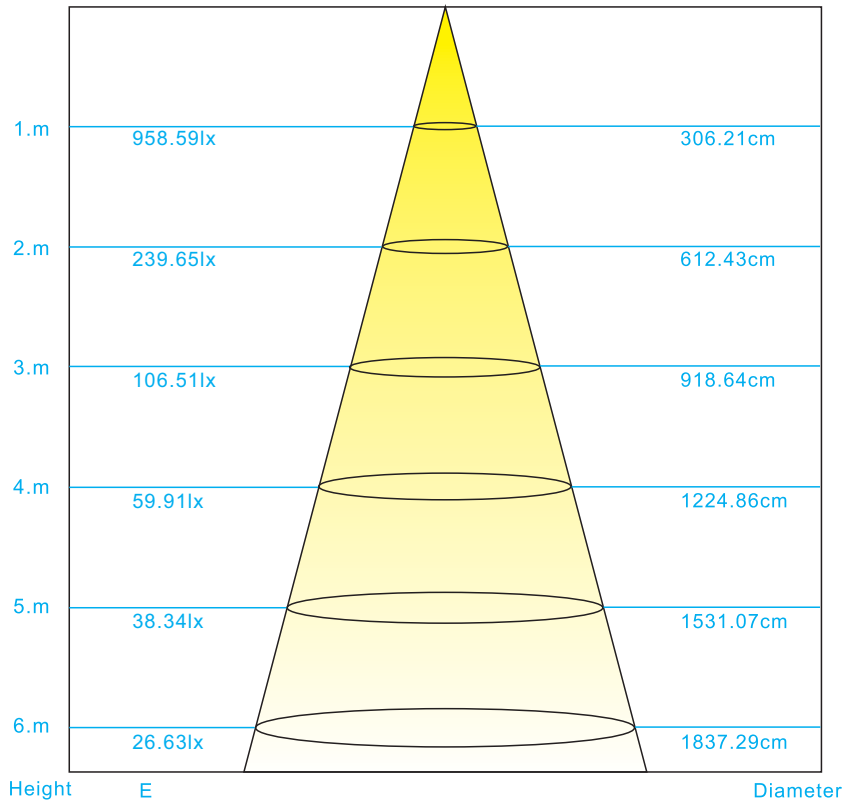
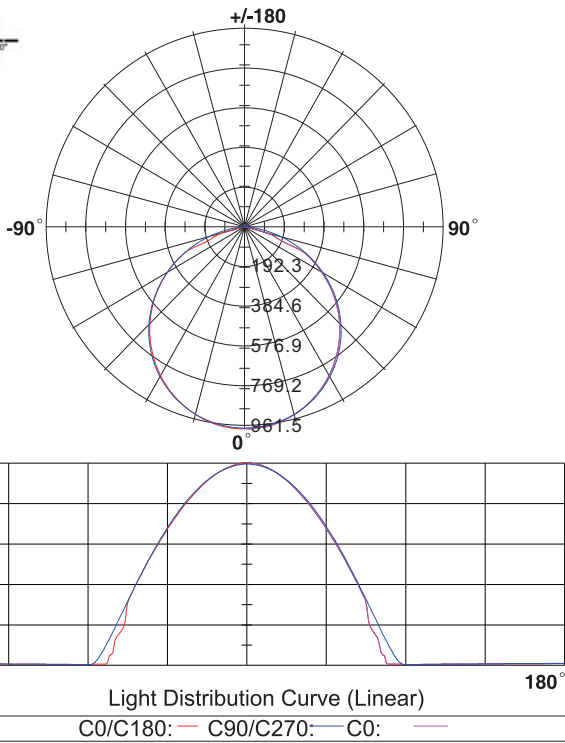


Today and tomorrow

- 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]

Luminaire



Beam Angle: 113.60°

## Packing Information (Data base on IP20)

