



## LED STRIP SPECIFICATION

2216SMD 120LEDs LED STRIP



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

# 2216SMD 120LEDs LED STRIP



Part Number: LY120-S2216W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68  
 → W27/W30/W40/W60

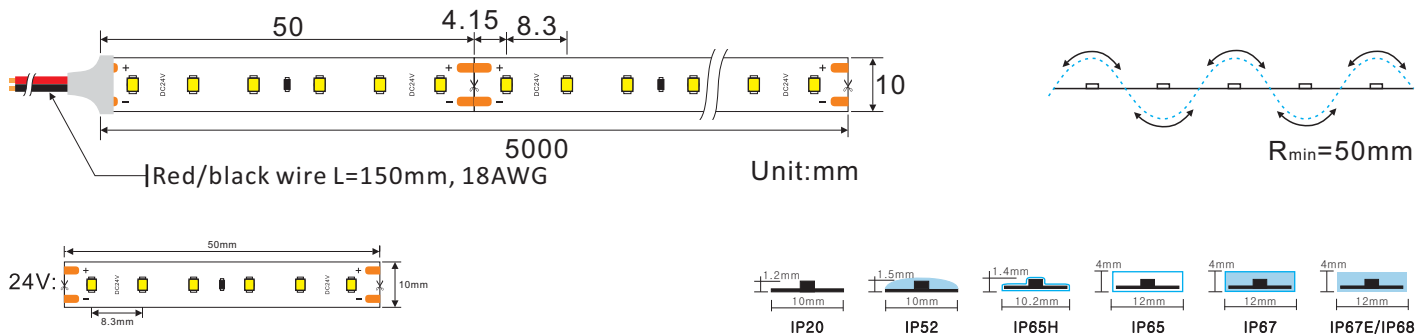


## Description

24V, flexible LED strip (6LED/step=50mm) with 3M adhesive tape on the back for easy installed. 829.06lm/m at 9.6W/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

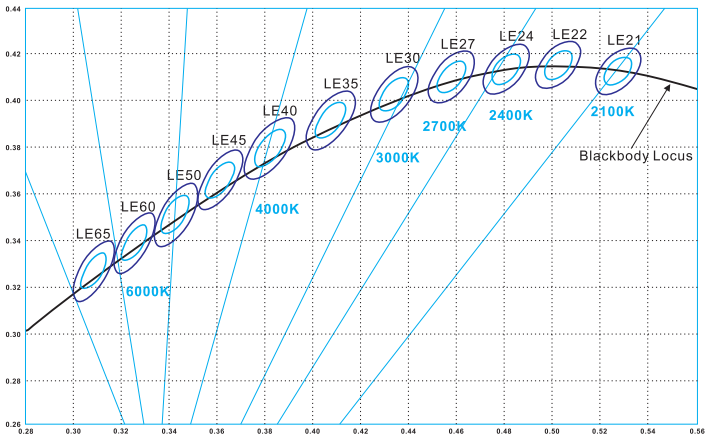
Dimension	5000x10x1.2mm
Chip Type	2216SMD
Chip Density	120LEDs/m
Step LEDs	6LEDs
Step Length	50mm

Voltage(V)	DC24V
Current(A/m)	0.4A
Power(W/m)	9.6W
Beam Angle	120°
Operation Temperature	-20°C~50°C

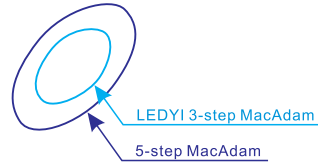
## Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2700±100	782.11	81.47	90.68	54.99	88.86	99.87
3000±100	787.68	82.05	89.95	51.94	89.85	98.98
4000±200	812.35	84.62	90.14	68.91	89.96	99.86
6000±300	829.06	86.36	90.46	72.86	88.95	97.96

## Bining



Graphic Description:



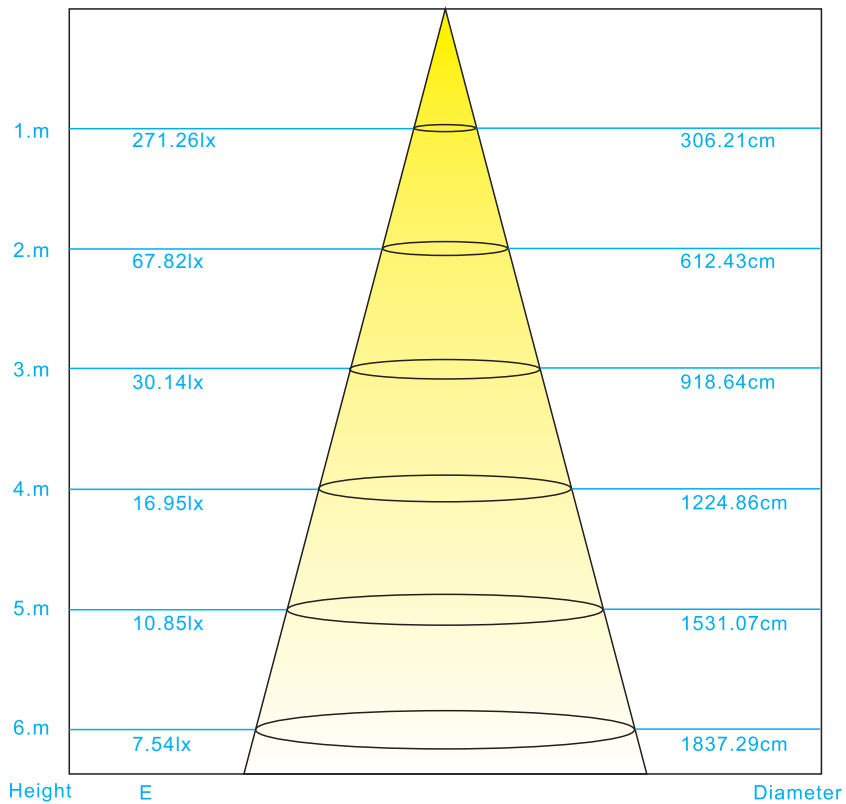
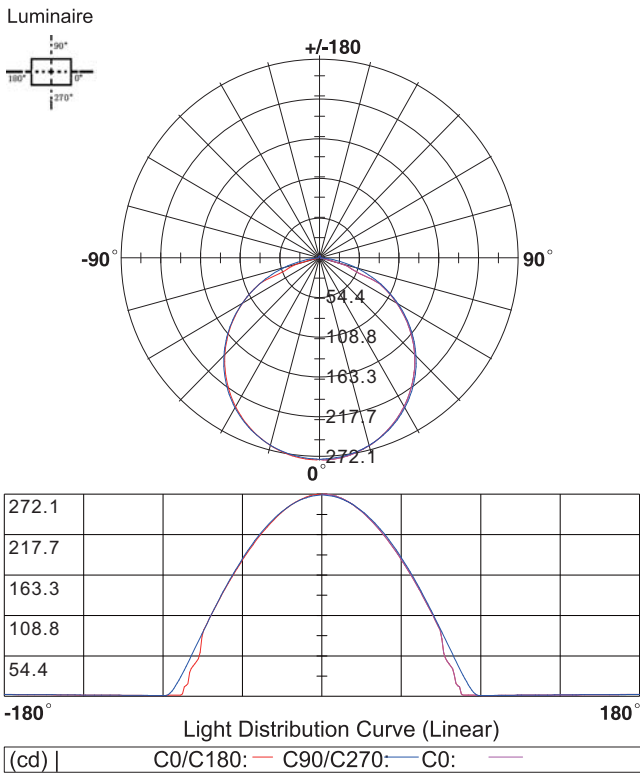
For all your order



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 6000K CRI>90, Unit:cd]



Beam Angle: 116.30°

## Packing Information (Data base on IP20)

