



LED STRIP SPECIFICATION

2216SMD 300LEDs LED STRIP



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

2216SMD 300LEDs LED STRIP



Part Number: LY300-S2216W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
 → W27/W30/W40/W60

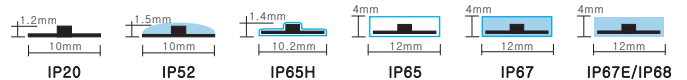
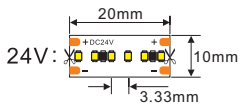
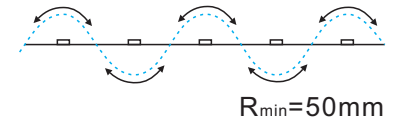
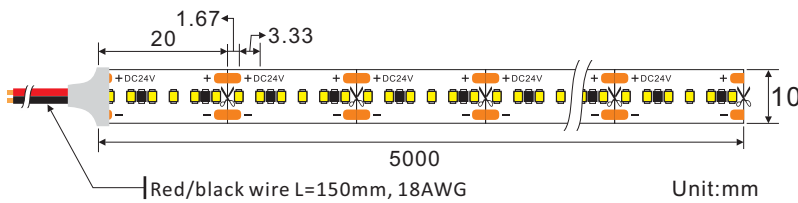


Description

24V, flexible LED strip (6LED/step =20mm) with 3M adhesive tape on the back for easy installed. 1858.60lm/m at 20W/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 (L₇₀). Double-layer FPC(2Oz) for good heat dissipation.



Dimensions & Waterproof



Product Specification

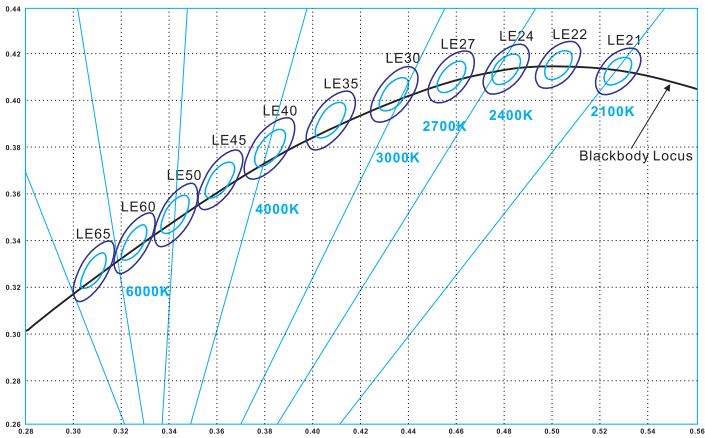
Dimension	5000x10x1.2mm
Chip Type	2216SMD
Chip Density	300LEDs/m
Step LEDs	6LEDs
Step Length	20mm

Voltage(V)	DC24V
Current(A/m)	0.83A
Power(W/m)	20W
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	1743.80	87.19	90.49	54.97	88.98	99.87
3000±100	1760.60	88.03	89.32	51.88	90.00	98.87
4000±200	1801.20	90.06	90.28	68.86	89.91	99.80
6000±300	1858.60	92.93	90.85	72.95	88.85	97.90

Bining



Graphic Description:



For all your order

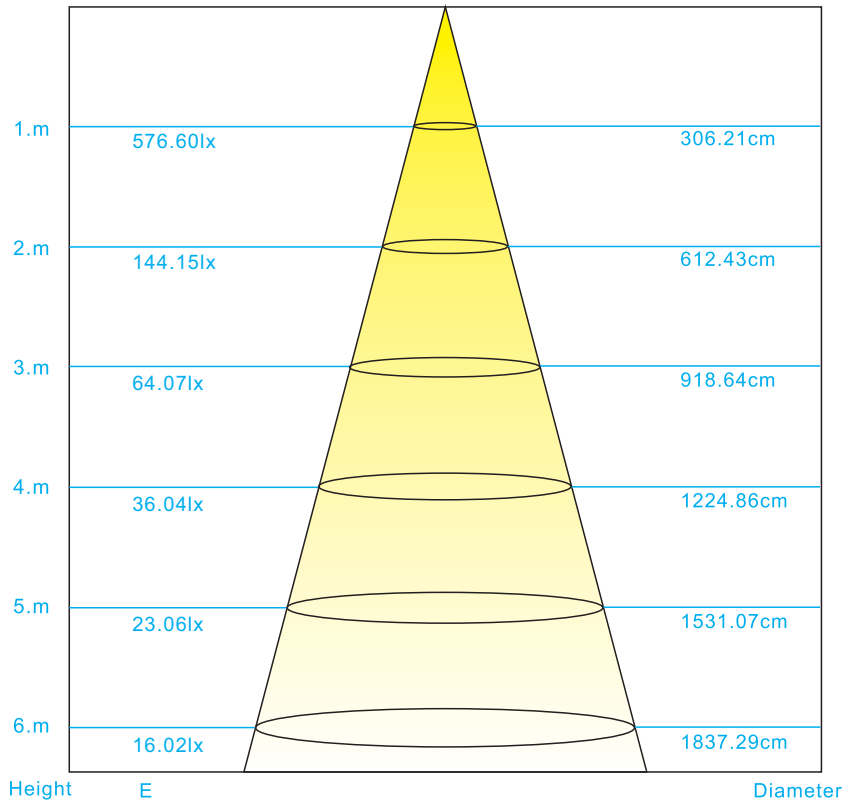
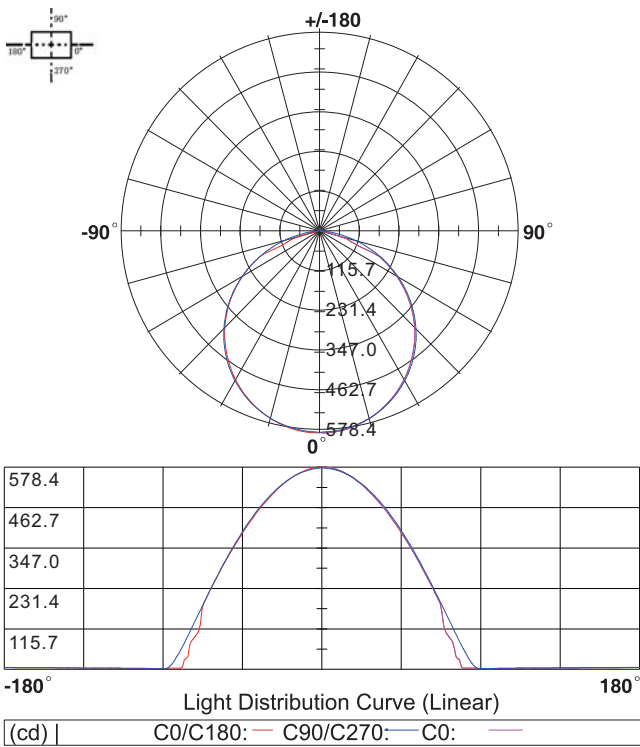


Today and tomorrow

- 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:** 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]

Luminaire



Packing Information (Data base on IP20)

