



LED STRIP SPECIFICATION

2110SMD 280LEDs LED STRIP



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

2110SMD 280LEDs LED STRIP



Part Number: LY280-S2110W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ W27/W30/W40/W60

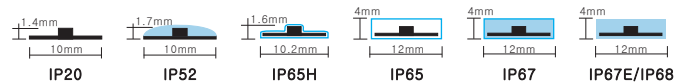
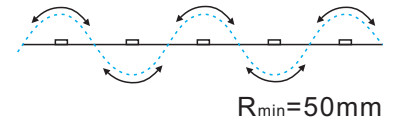
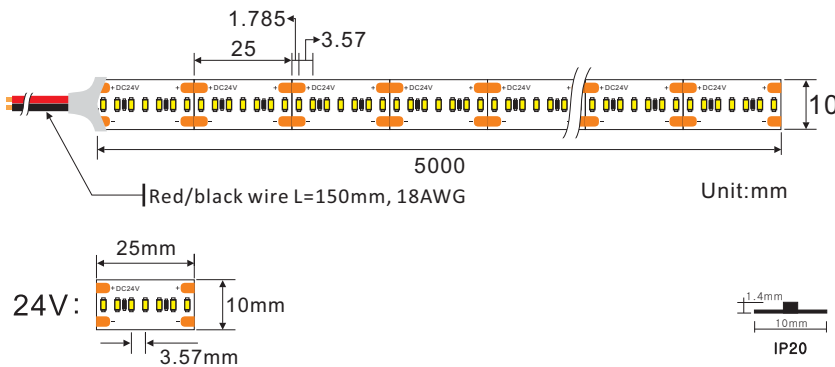


Description

24V, flexible LED strip (7LED/step =25mm) with 3M adhesive tape on the back for easy installed. 1655.10lm/m at 18W/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	5000x10x1.4mm
Chip Type	2110SMD
Chip Density	280LEDs/m
Step LEDs	7LEDs
Step Length	25mm

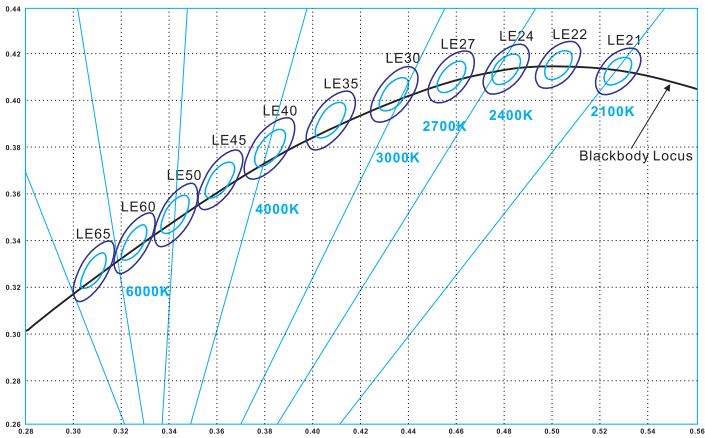
Voltage(V)	DC24V
Current(A/m)	0.75A
Power(W/m)	18W
Beam Angle	120°
Operation Temperature	-20°C~50°C

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	1525.68	84.76	90.09	63.96	89.84	99.78
3000±100	1562.22	86.79	91.19	64.82	90.36	98.89
4000±200	1609.02	89.39	92.82	66.98	90.28	99.97
6000±300	1655.10	91.95	93.57	69.98	92.56	100.23

Note: Customized CCT 1800K, 2300K, 2500K, 3500K and 5500K for option.

Bining



Graphic Description:



For all your order

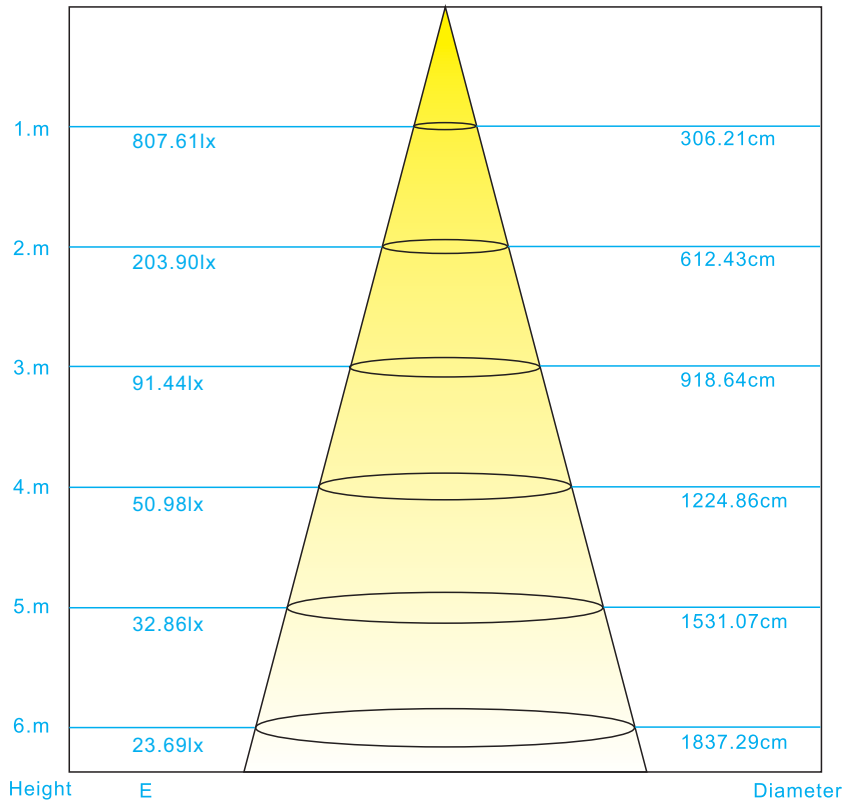
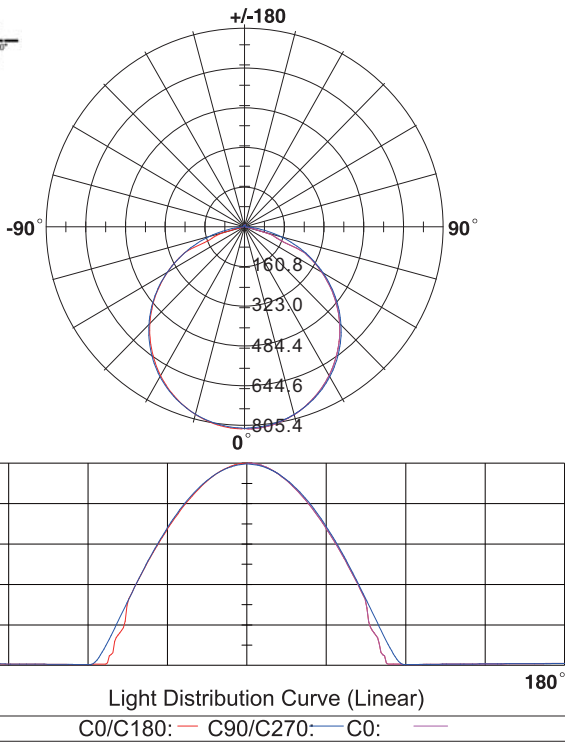


Today and tomorrow

- 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 6000K CRI>90, Unit:cd]

Luminaire



Beam Angle: 115.60°

Packing Information (Data base on IP20)

