



LED STRIP SPECIFICATION

2010SMD 280LEDs 10mm PCB LED STRIP



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

2010SMD 280LEDs 10mm PCB LED STRIP



Part Number: LY280-S2010W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

W24/W27/W30/W40/W60

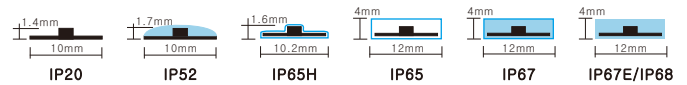
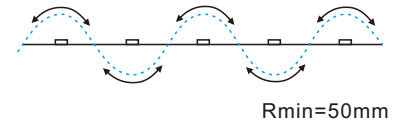
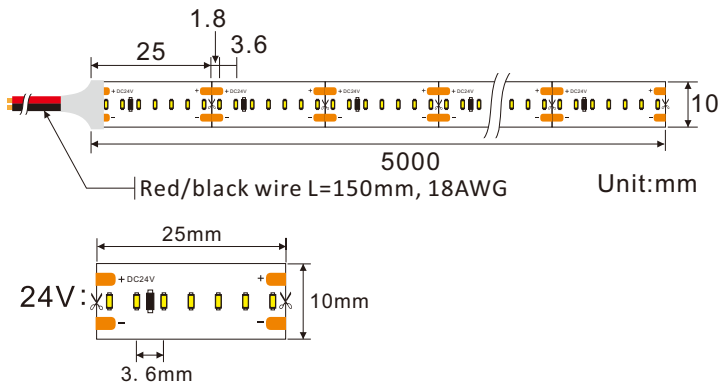


Description

24V, flexible LED strip (7LED/step =25mm) with 3M adhesive tape on the back for easy installed. 2128lm/m at 19.2W/m. 120° beam angle. Very good color reproduction with CRI>90. "One Bin Only" within 5 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

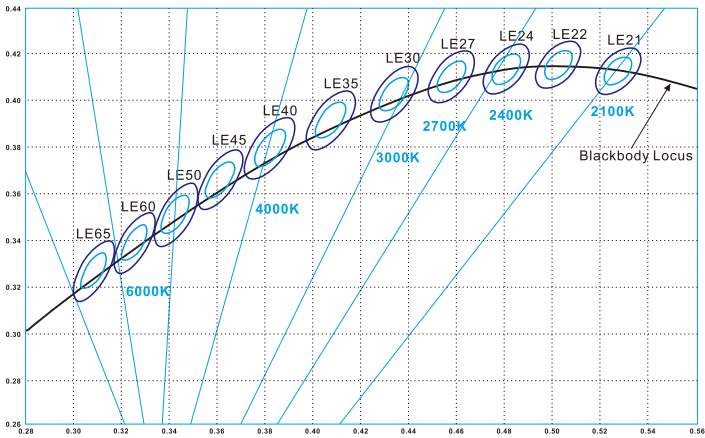
Dimension	5000x10x1.4mm
Chip Type	2010SMD
Chip Density	280LEDs/m
Step LEDs	7LEDs
Step Length	25mm

Voltage(V)	DC24V
Current(A/m)	0.8A
Power(W/m)	19.2W
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)
2300-2500K	1540	80.21	91.47	76.83	90.81	101.82
2600-2800K	1820	94.79	91.33	78.86	92.80	100.81
2900-3100K	1988	103.54	92.65	84.93	90.80	103.96
3800-4300K	1960	102.08	93.42	85.95	90.95	100.00
5900-6400K	2128	110.83	92.52	90.95	91.96	101.89

Bining



Graphic Description:



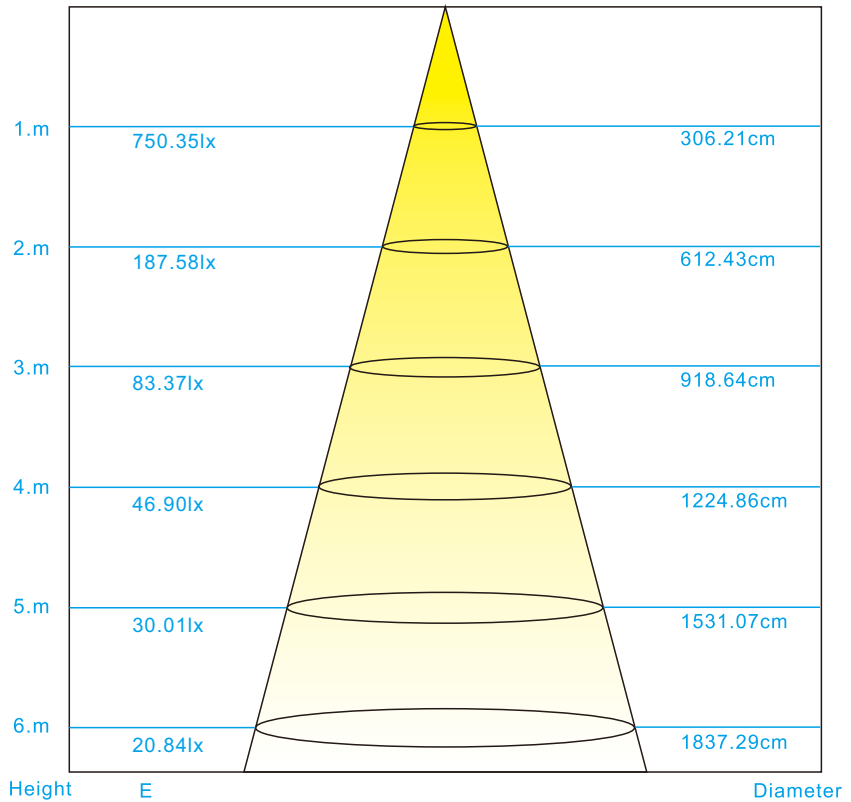
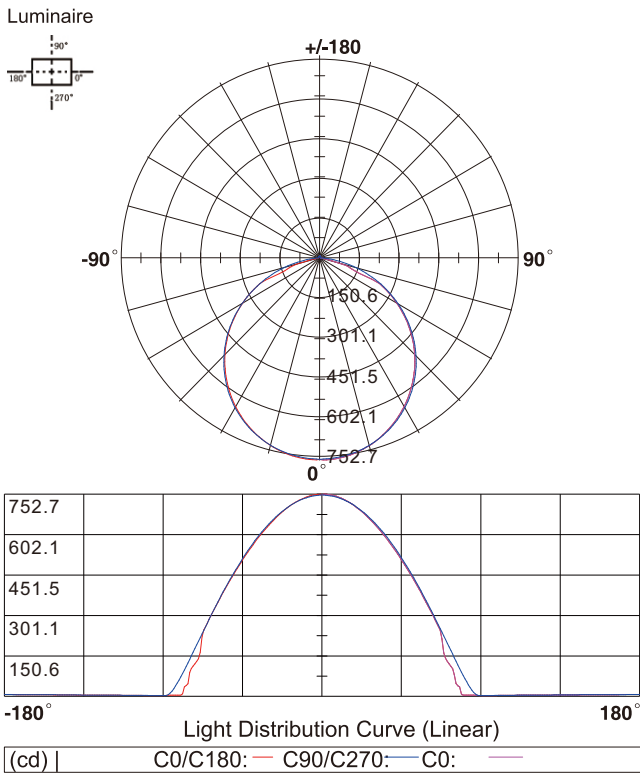
For all your order



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]



Beam Angle: 116.30°

Packing Information (Data base on IP20)

