



LED STRIP SPECIFICATION

2010SMD 120LEDs 8mm PCB LED STRIP



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

2010SMD 120LEDs 8mm PCB LED STRIP



Part Number: LY120-S2010W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
 ↳ W12/W24
 ↳ W24/W27/W30/W40/W60

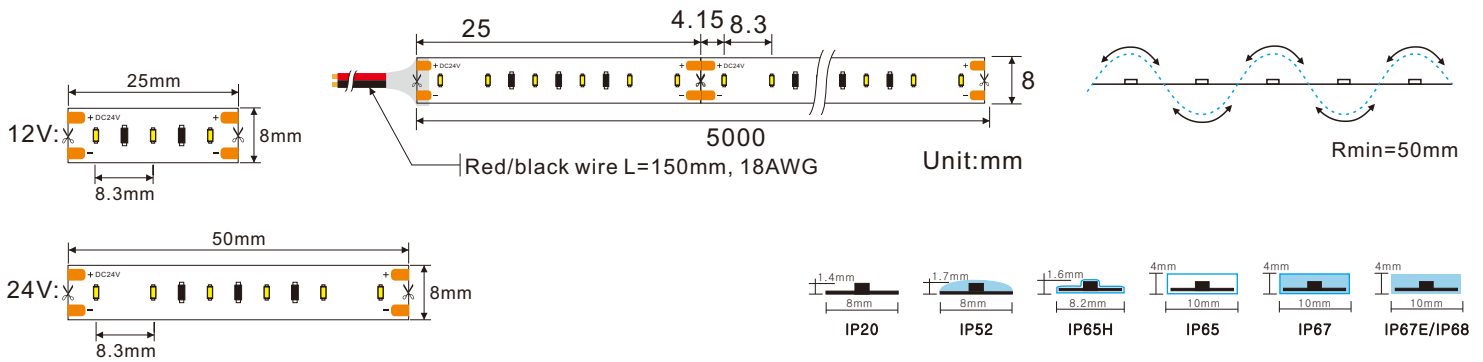


Description

12V and 24V for option, flexible LED strip (3LED/step =25mm, 6LED/step =50mm) with 3M adhesive tape on the back for easy installed.912lm/m at 9.6W/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



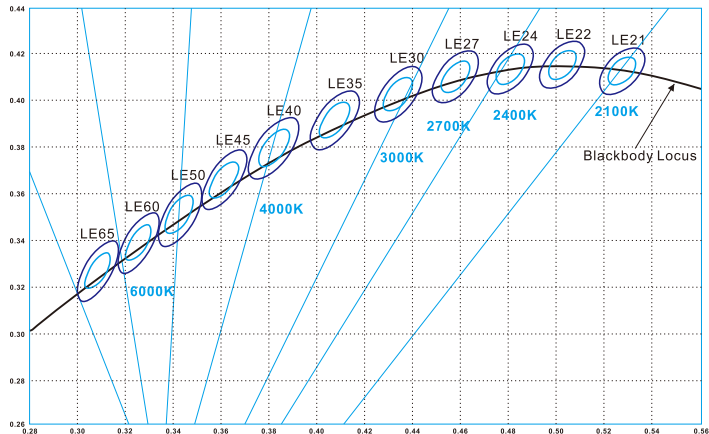
Product Specification

Dimension	5000x8x1.4mm	Voltage(V)	DC12V/DC24V
Chip Type	2010SMD	Current(A/m)	0.8A/0.4A
Chip Density	120LEDs/m	Power(W/m)	9.6W
Step LEDs	3LEDs(12V)/6LEDs(24V)	Beam Angle	120°
Step Length	25mm/50mm	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	660	68.75	91.47	76.83	90.81	101.82
2600-2800K	780	81.25	91.33	78.86	92.80	100.81
2900-3100K	852	88.75	92.65	84.93	90.80	103.96
3800-4300K	840	87.50	93.42	85.95	90.95	100.00
5900-6400K	912	95.00	92.52	90.95	91.96	101.89

Bining



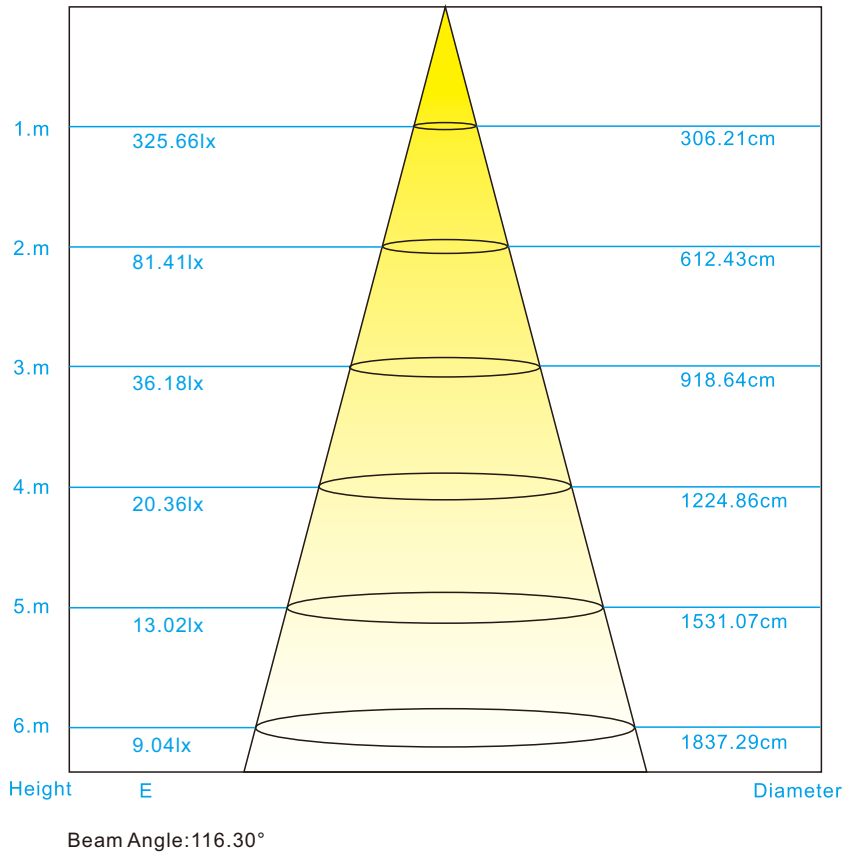
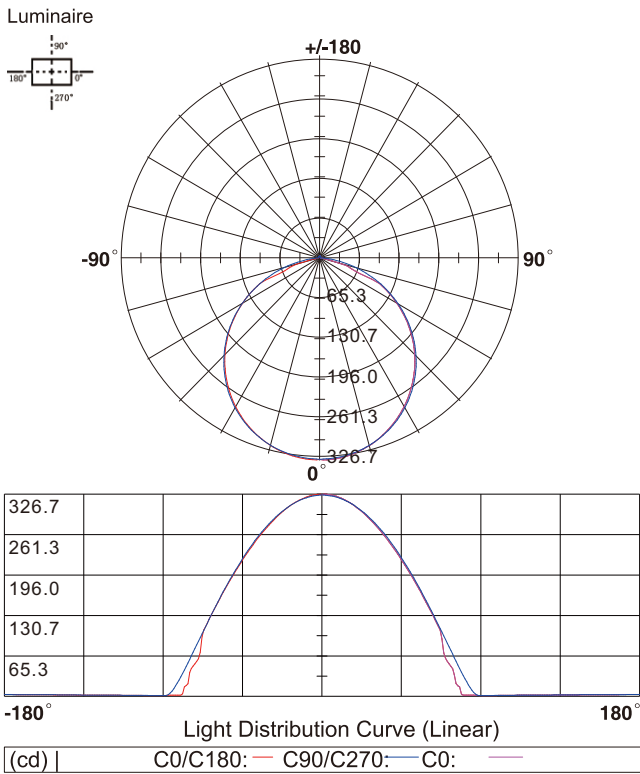
Graphic Description:



For all your order
ONE BIN ONLY
 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]



Packing Information (Data base on IP20)

