



LED STRIP SPECIFICATION

2835SMD 240LEDs LED STRIP



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

2835SMD 240LEDs LED STRIP



Part Number: LY240-S2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
 → W21/W24/W27/W30/W40/W60



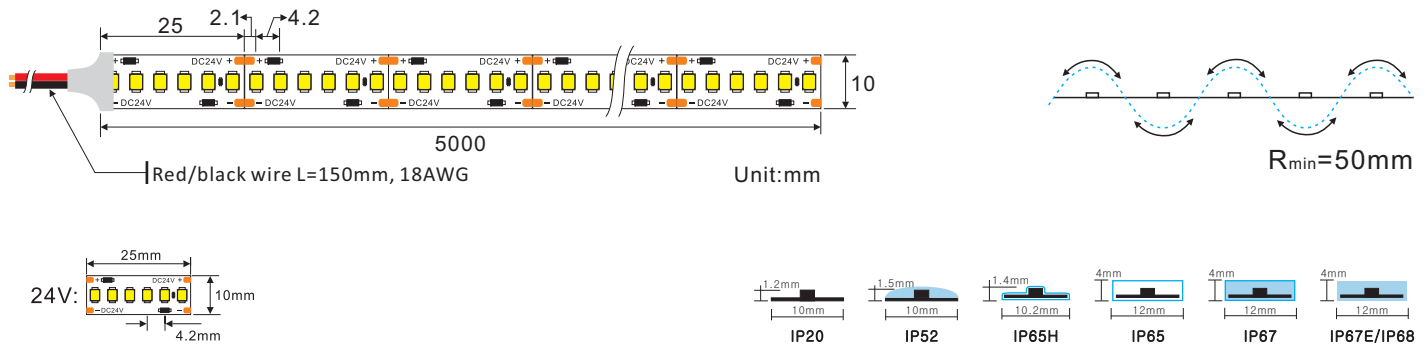
Description

24V, flexible LED strip (6LED/step =25mm) with 3M adhesive tape on the back for easy installed. 2490lm/m at 24W/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

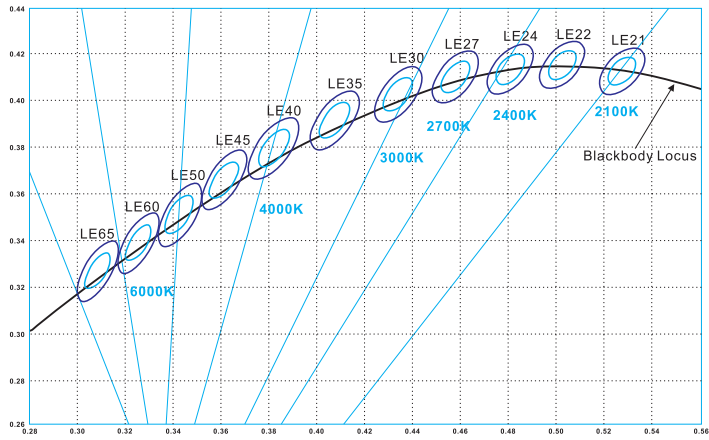
Dimension	5000x10x1.2mm
Chip Type	2835SMD
Chip Density	240LEDs/m
Step LEDs	6LEDs
Step Length	25mm

Voltage(V)	DC24V
Current(A/m)	1A
Power(W/m)	24W
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)
2100±100	1836.24	76.51	91.64	69.95	90.86	101.84
2400±100	2085.36	86.89	91.84	76.90	90.94	101.83
2700±100	2209.44	92.06	90.76	78.86	92.84	100.81
3000±100	2310.48	96.27	92.35	84.96	90.96	103.88
4000±200	2524.56	105.19	95.64	85.81	90.82	99.92
6000±300	2490.00	103.75	93.76	98.98	91.97	101.87

Bining



Graphic Description:



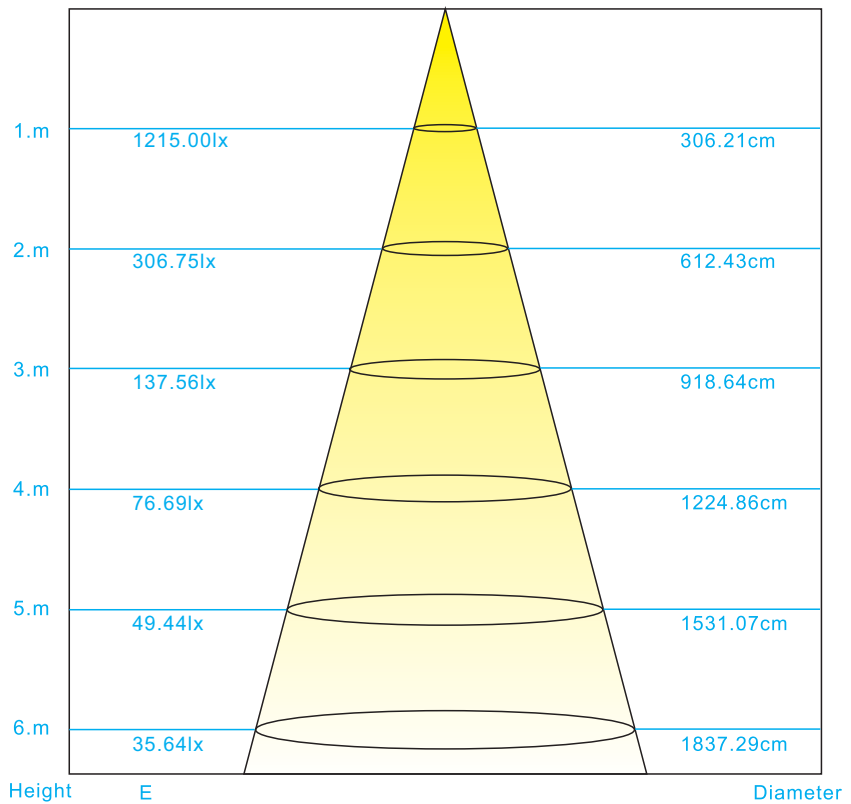
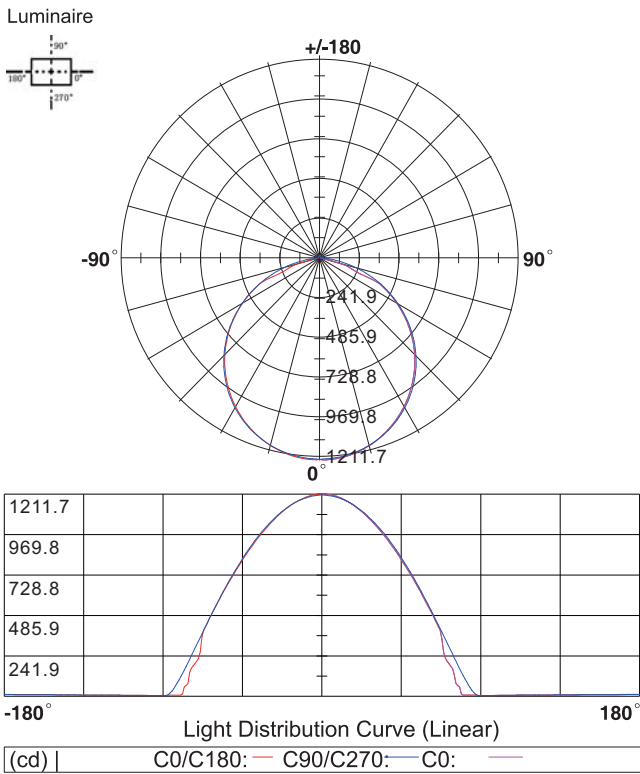
For all your order



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: 113.60°

Packing Information (Data base on IP20)

