



LED STRIP SPECIFICATION

2835SMD 144LEDs LED STRIP



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

2835SMD 144LEDs LED STRIP



Part Number: LY144-DS2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ W21/W24/W27/W30/W40/W60

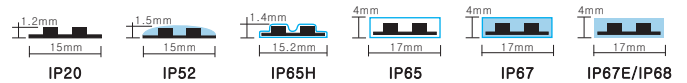
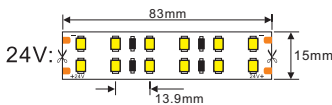
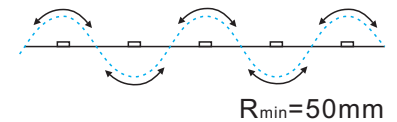
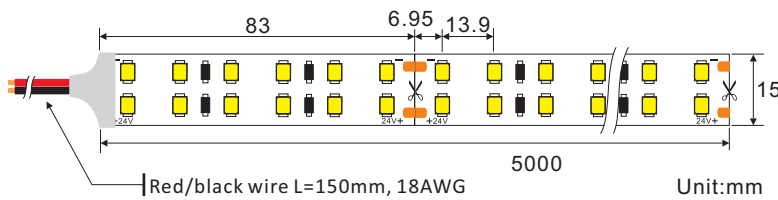


Description

24V, flexible LED strip (12LED/step =83mm) with 3M adhesive tape on the back for easy installed. 2721.60lm/m at 28.8W/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

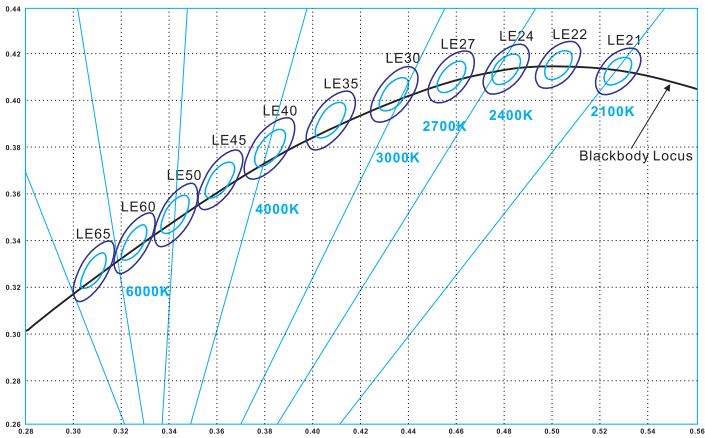
Dimension	5000x15x1.2mm
Chip Type	2835SMD
Chip Density	144LEDs/m
Step LEDs	12LEDs
Step Length	83mm

Voltage(V)	DC24V
Current(A/m)	1.2A
Power(W/m)	28.8W
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	
					R _f (Fidelity)	R _g (Gamut)
2100±100	2027.52	70.40	91.41	69.90	90.80	101.96
2400±100	2255.04	78.30	91.01	76.88	90.80	101.84
2700±100	2560.03	88.89	91.31	78.98	92.96	100.81
3000±100	2545.92	88.40	92.50	84.88	90.99	103.98
4000±200	2768.26	96.12	95.68	85.96	90.92	99.91
6000±300	2721.60	94.50	93.89	98.91	91.91	101.93

Bining



Graphic Description:



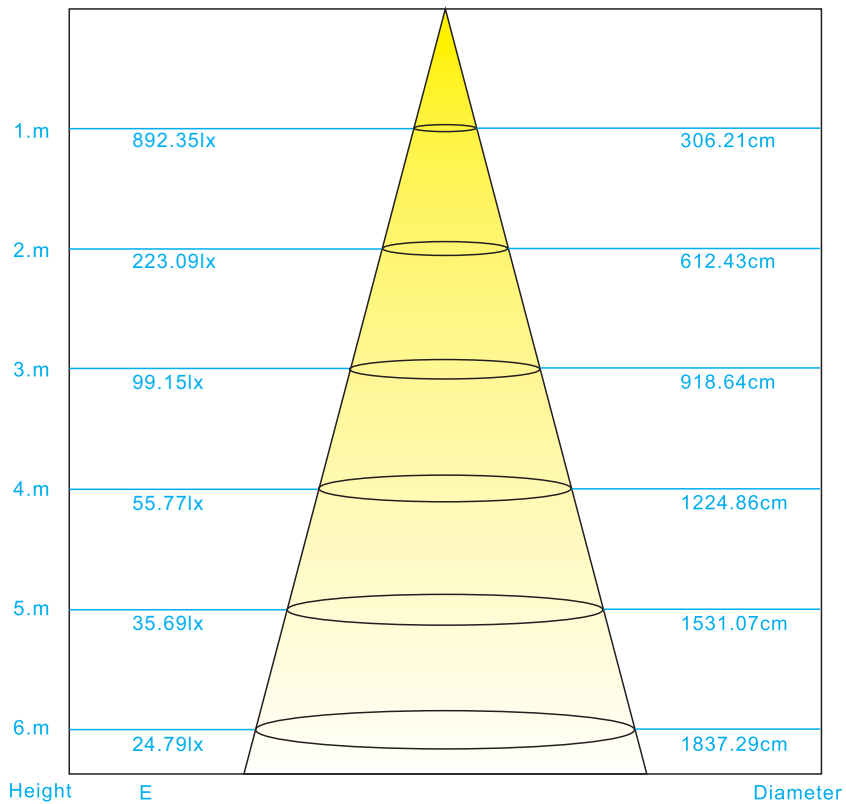
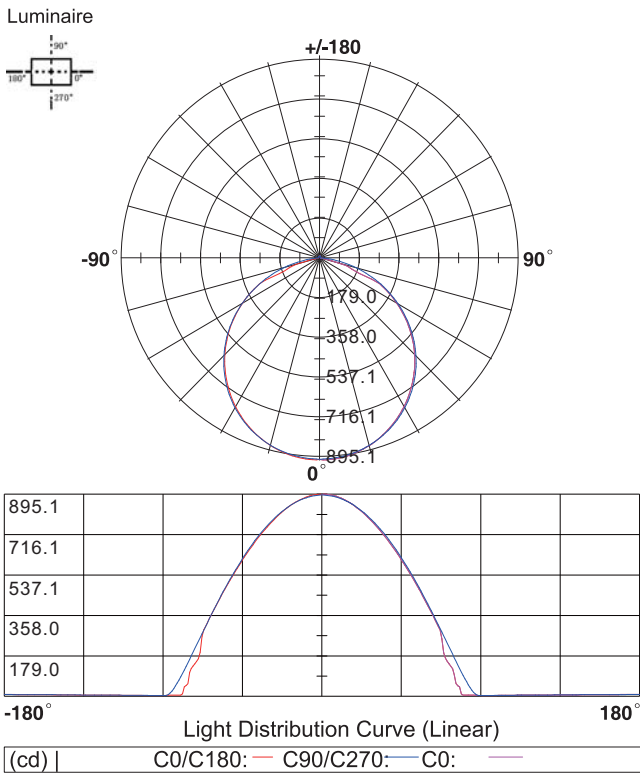
For all your order



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]



Packing Information (Data base on IP20)

