



LED STRIP SPECIFICATION

2835SMD 112LEDs TUNABLE WHITE LED STRIP



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

2835SMD 112LEDs TUNABLE WHITE LED STRIP



Part Number: LY112-S2835TW2760-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ TW2160/TW2460/TW2760/TW3060...

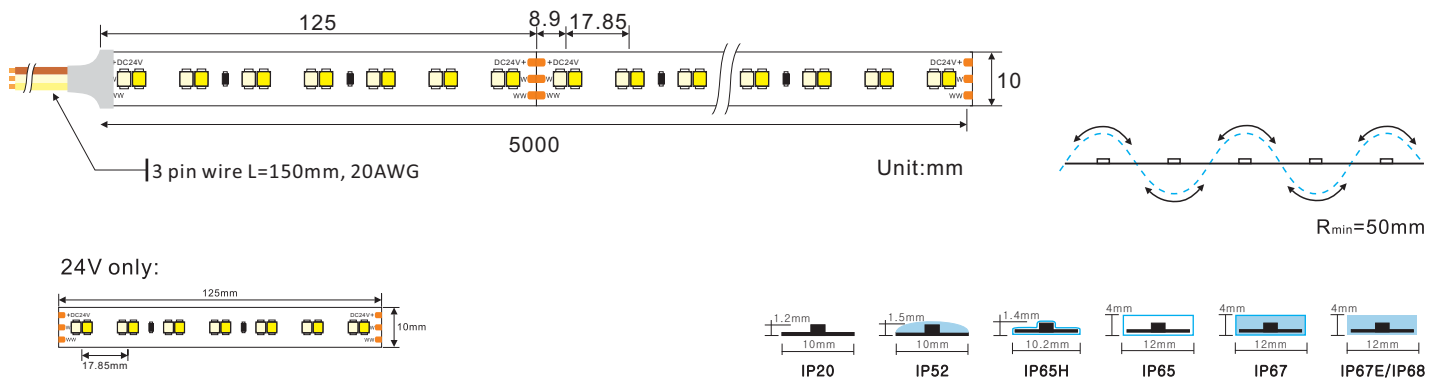


Description

24V, flexible LED strip (14LED/step = 125mm) with 3M adhesive tape on the back for easy installed. 1929.41lm/m at 19.2W/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

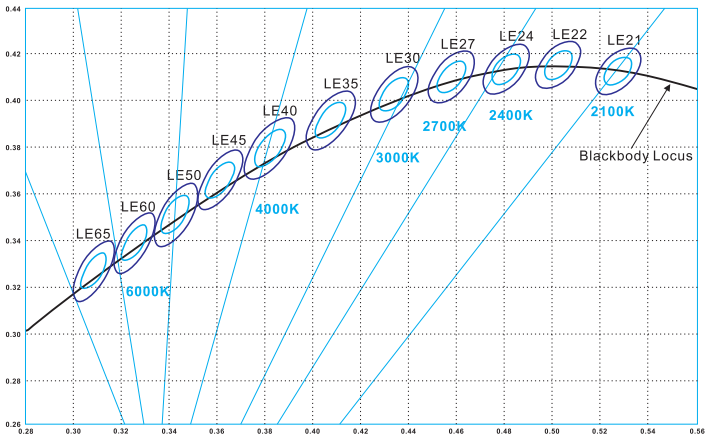
Dimension	5000x10x1.2mm
Chip Type	2835SMD
Chip Density	112LEDs/m
Step LEDs	14LEDs
Step Length	125mm

Voltage(V)	DC24V
Current(A/m)	0.8A
Power(W/m)	19.2W(2 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

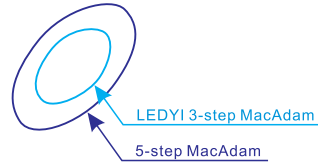
Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
						R _f (Fidelity)	R _g (Gamut)
2700 only	919.68	9.6	95.80	90.19	76.83	92.95	101.86
6000 only	1032.77	9.6	107.58	93.55	95.85	91.94	102.94
2700+6000 both	1929.41	19.2	100.49	95.51	98.83	92.96	104.91

Bining



Graphic Description:



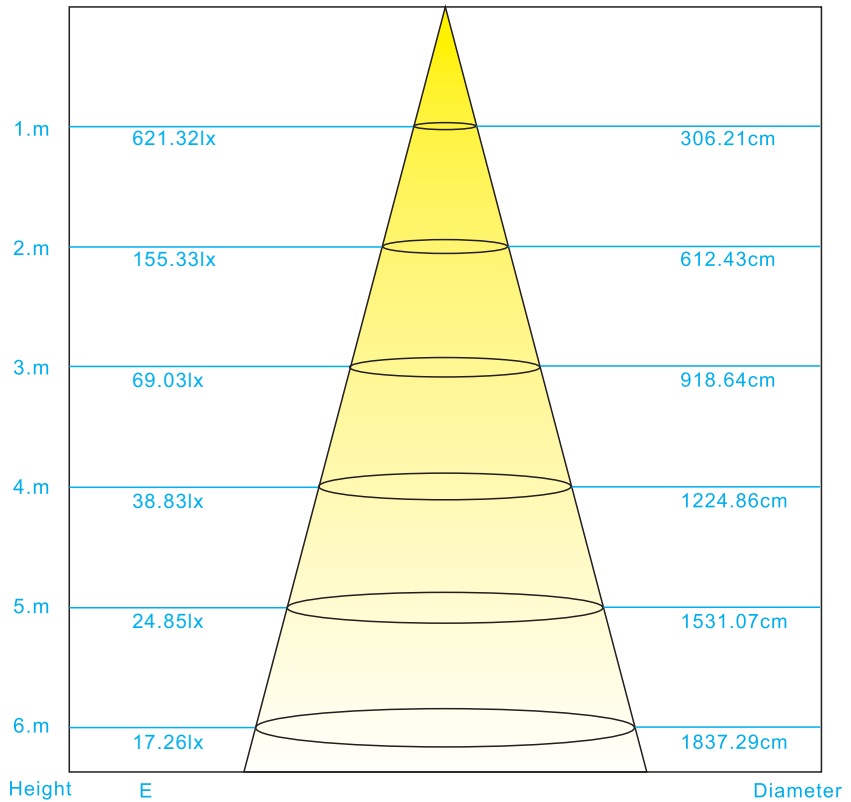
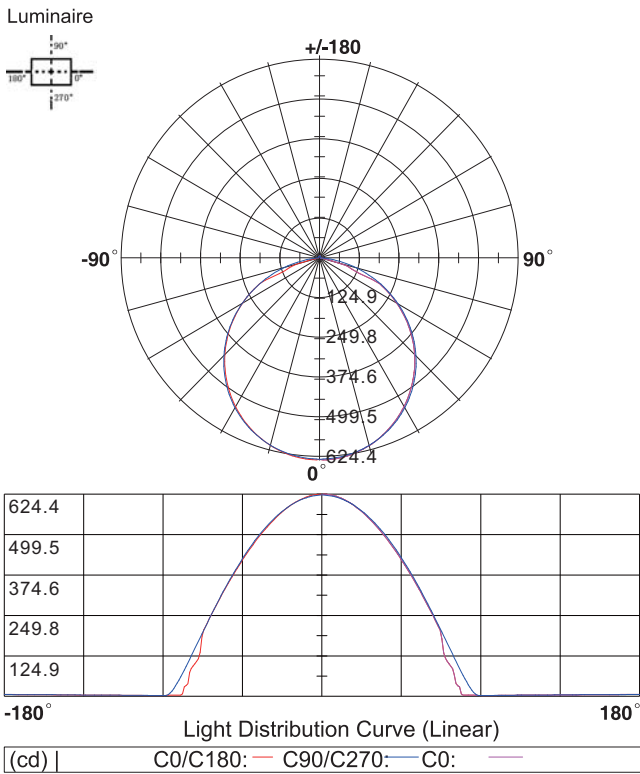
For all your order



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:** Silicone 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 2700K+6000K CRI>90, Unit:cd]



Packing Information (Data base on IP20)

