

# 120W WHITE 2835 120leds 10mm



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

# 2835SMD 120LEDs LED STRIP



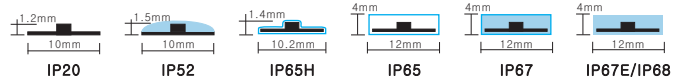
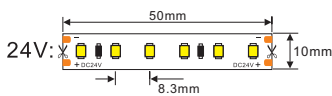
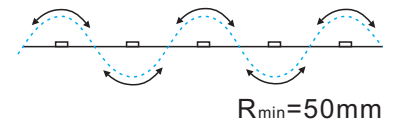
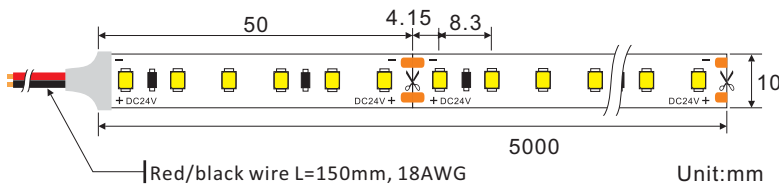
## Description

12V or 24V, flexible LED strip (3LED/step =25mm(12V)/6LED/step = 50mm(24V)) with 3M adhesive tape on the back for easy installed. 2266.80lm/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	120LEDs/m
Step LEDs	3LEDs(12V)/6LEDs(24V)
Step Length	25mm(12V)/50mm(24V)

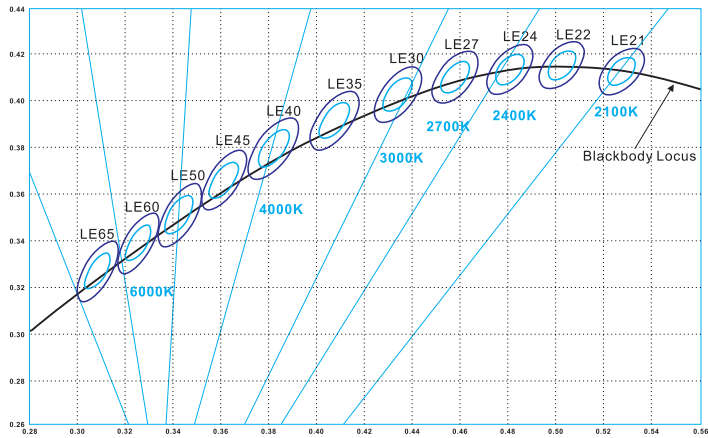
Voltage(V)	DC12V/DC24V
Current(A/m)	2A(12V)/1A(24V)
Power(W/m)	24W
Beam Angle	120°
Operation Temperature	-20°C~50°C

## Product Photometrics (Data base on IP20 CRI>90)

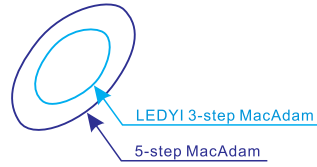
CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					R <sub>f</sub> (Fidelity)	R <sub>g</sub> (Gamut)
2100±100	1658.16	69.09	91.36	69.99	90.93	101.95
2400±100	1868.16	77.84	91.47	76.83	90.81	101.82
2700±100	2135.52	88.98	91.33	78.86	92.80	100.81
3000±100	2154.72	89.78	92.65	84.93	90.80	103.96
4000±200	2349.12	97.88	95.64	85.95	90.95	100.00
6000±300	2266.80	94.45	93.37	98.82	91.96	101.89

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## Bining



Graphic Description:



For all your order

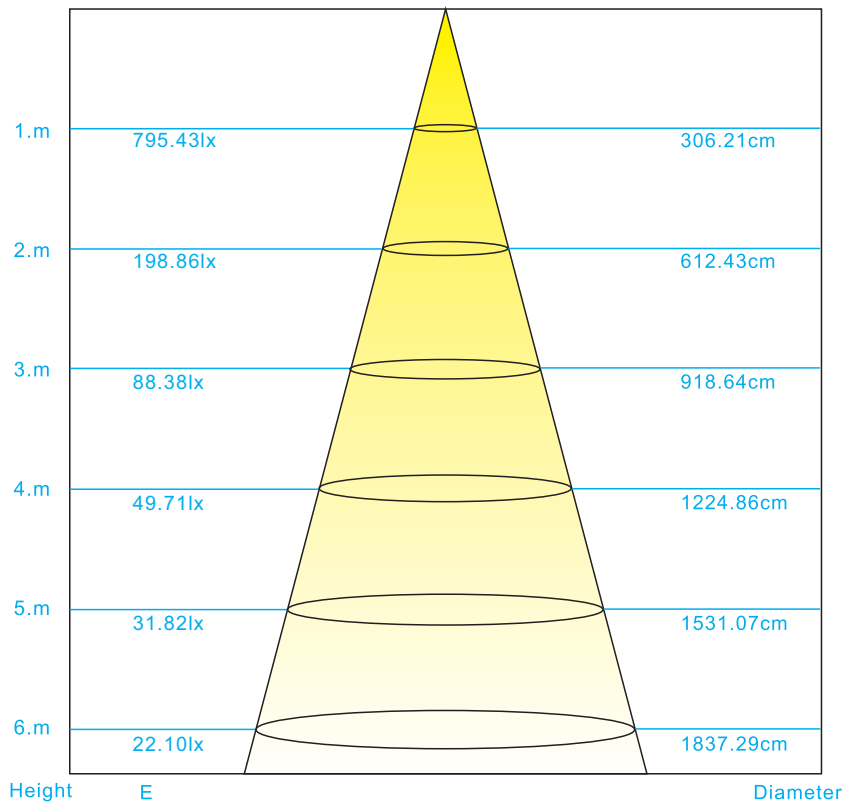
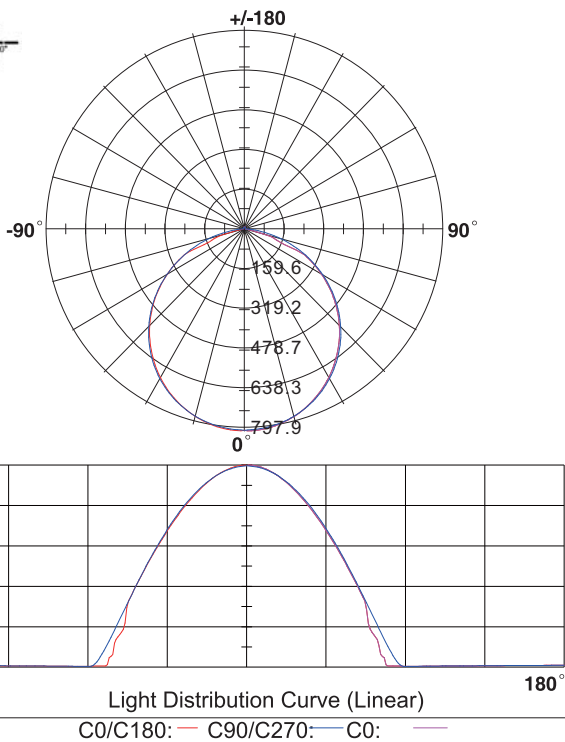


Today and tomorrow

- 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]

Luminaire



Beam Angle: 113.60°

## Packing Information (Data base on IP20)

