



LED STRIP SPECIFICATION

3528SMD 120LEDs TUNABLE WHITE LED STRIP



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

3528SMD 120LEDs TUNABLE WHITE LED STRIP



Part Number: LY120-S3528TW2760-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
 → W12/W24
 → TW2160/TW2460/TW2760/TW3060...



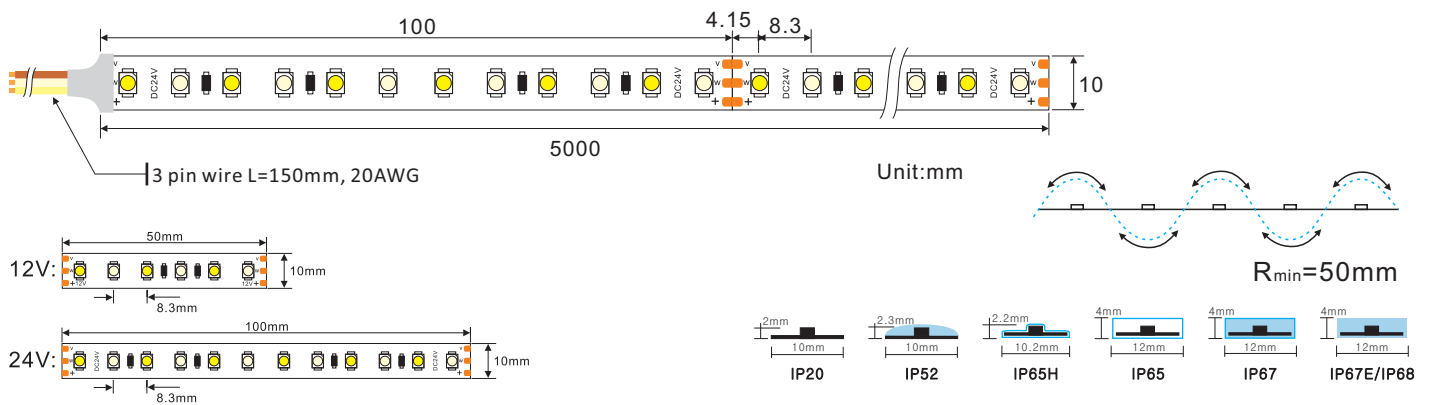
Description

12V or 24V, flexible LED strip (6LED/step = 50mm(12V)/12LED/step = 100mm(24V)) with 3M adhesive tape on the back for easy installed.
 676.32lm/m at 9.6W/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



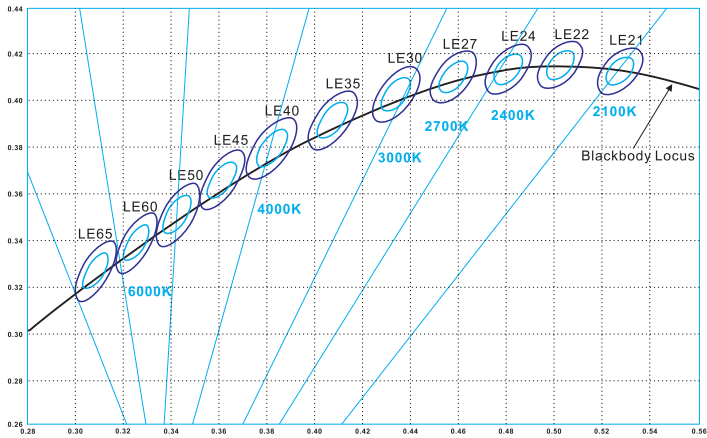
Product Specification

Dimension	5000x10x2mm	Voltage(V)	DC12V/DC24V
Chip Type	3528SMD	Current(A/m)	0.8A(12V)/0.4A(24V)
Chip Density	120LEDs/m	Power(W/m)	9.6W(2 colors 100% on)
Step LEDs	6LEDs(12V)/12LEDs(24V)	Beam Angle	120°
Step Length	50mm(12V)/100mm(24V)	Operation Temperature	-20°C~50°C

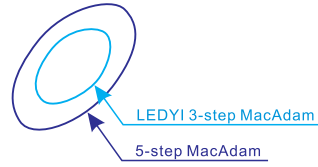
Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
						R _f (Fidelity)	R _g (Gamut)
2700 only	309.41	4.8	64.46	98.29	98.99	94.85	100.86
6000 only	352.03	4.8	73.34	93.84	91.80	90.90	102.97
2700+6000 both	676.32	9.6	70.45	92.80	78.86	91.95	105.85

Bining



Graphic Description:



For all your order

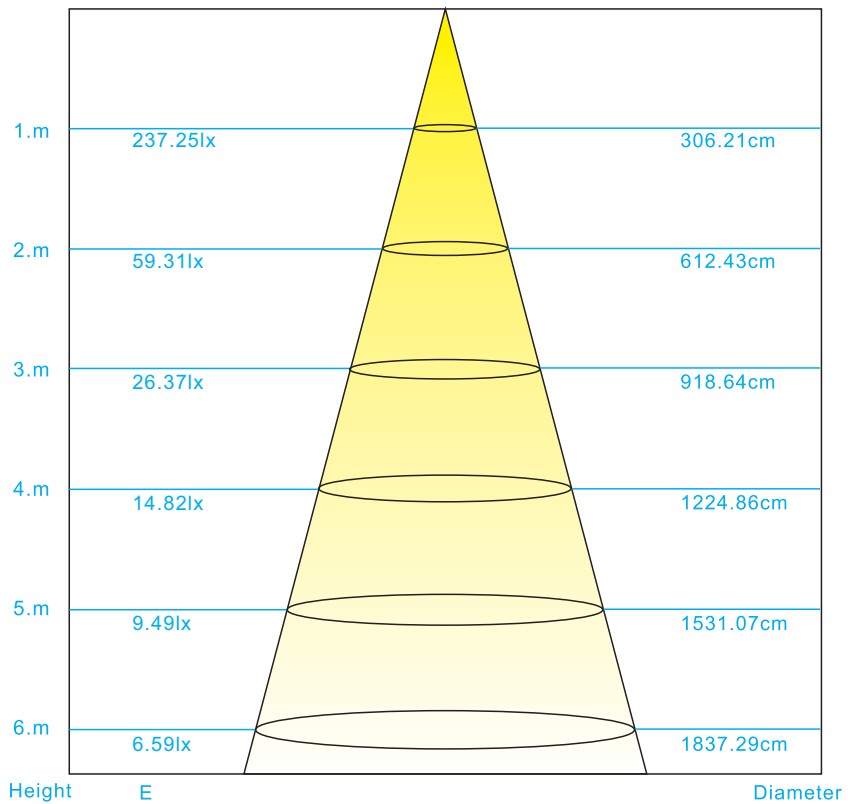
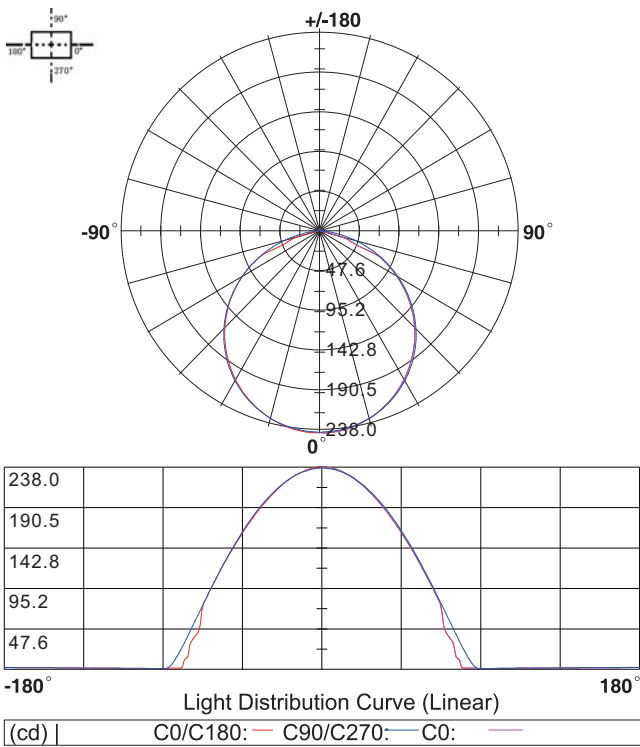


Today and tomorrow

- 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 / IP65H:** 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 2700K+6000K CRI>90, Unit: cd]

Luminaire



Beam Angle: 113.60°

Packing Information (Data base on IP20)

