

# TRONIX

## LED STRIP SPECIFICATION

3528SMD 120LEDs LED STRIP





## Description

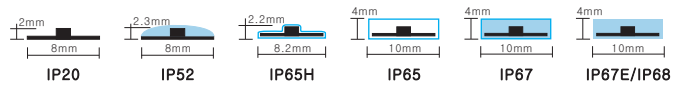
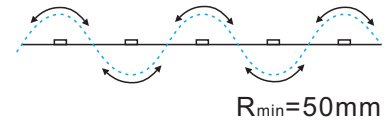
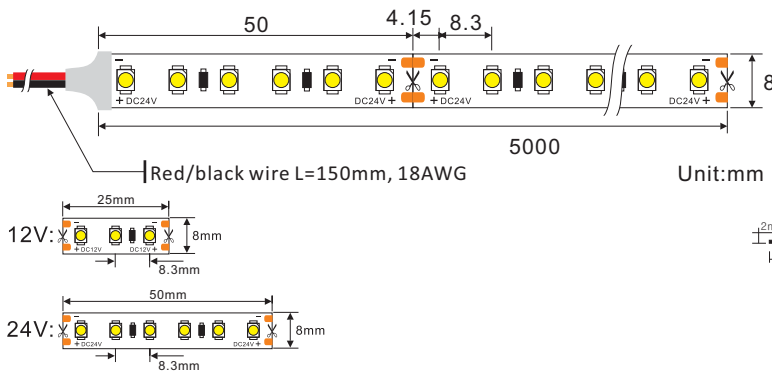
12V or 24V, flexible LED strip (3LED/step =25mm(12V)/6LED/step = 50mm(24V)) with 3M adhesive tape on the back for easy installation.

648.86lm/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 & IP rate



## Product Specification

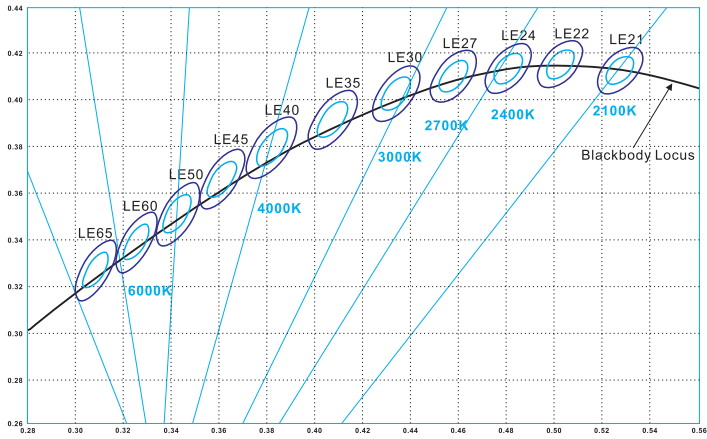
Dimension	5000x8x2mm
Chip Type	3528SMD
Chip Density	120LEDs/m
Step LEDs	3LEDs(12V)/6LEDs(24V)
Step Length	25mm(12V)/50mm(24V)

Voltage(V)	DC12V/DC24V
Current(A/m)	0.8A(12V)/0.4A(24V)
Power(W/m)	9.6W
Beam Angle	120°
Operation Temperature	-20°C~50°C

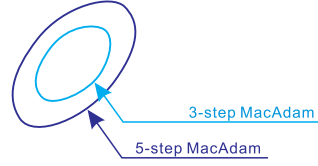
## Product Photometrics (Data base on IP20 CRI>90)

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	578.68	60.28	91.58	80.18	89.79	100.1
2400±100	590.68	61.53	92.26	81.74	90.28	101.3
2700±100	610.46	63.59	92.98	82.75	92.18	100.5
3000±100	626.20	65.23	93.69	83.26	92.73	101.5
4000±200	637.05	66.36	94.37	83.86	93.86	102.7
6000±300	648.86	67.59	91.44	81.61	91.33	100.9

# Bining

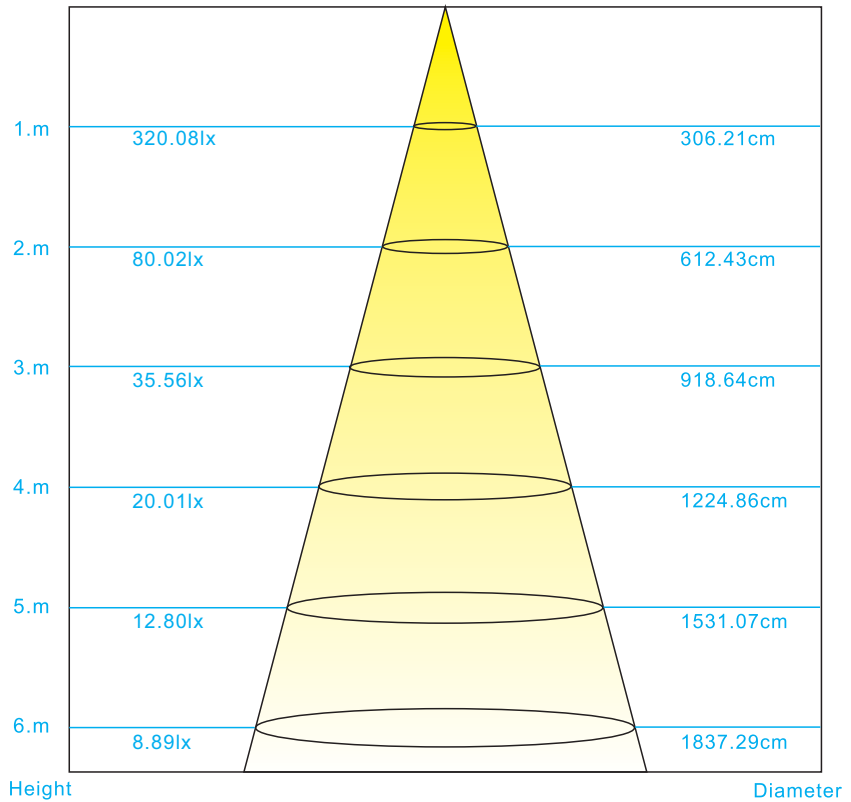
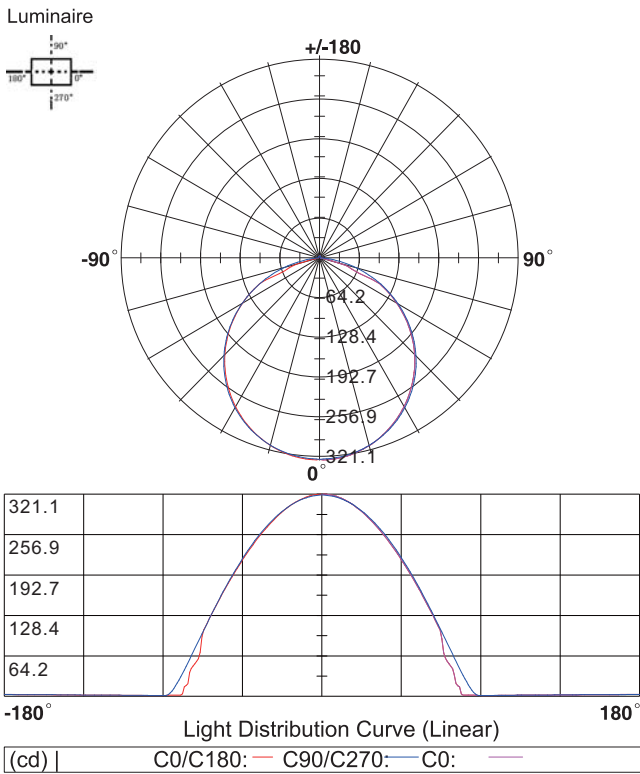


Graphic Description:



- 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)

