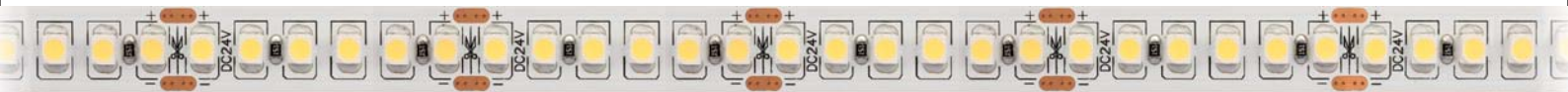




## LED STRIP SPECIFICATION

3528SMD 180LEDs LED STRIP



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

# 3528SMD 180LEDs LED STRIP



Part Number: LY180-S3528W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ W21/W24/W27/W30/W40/W60

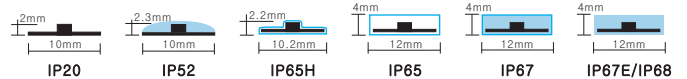
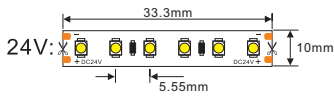
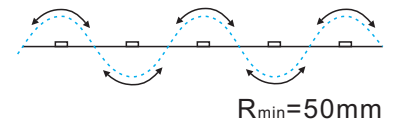
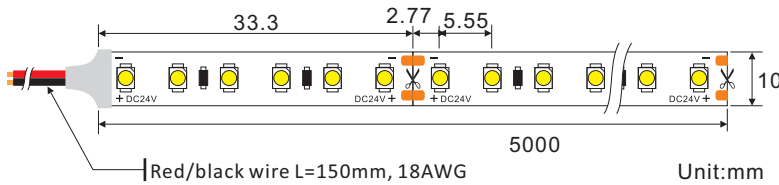


## Description

24V, flexible LED strip (6LED/step =33.3mm) with 3M adhesive tape on the back for easy installed.926.92lm/m at 14.4W/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 (L<sub>70</sub>). Double-layer FPC(2Oz) for good heat dissipation.



## Dimensions & Waterproof



## Product Specification

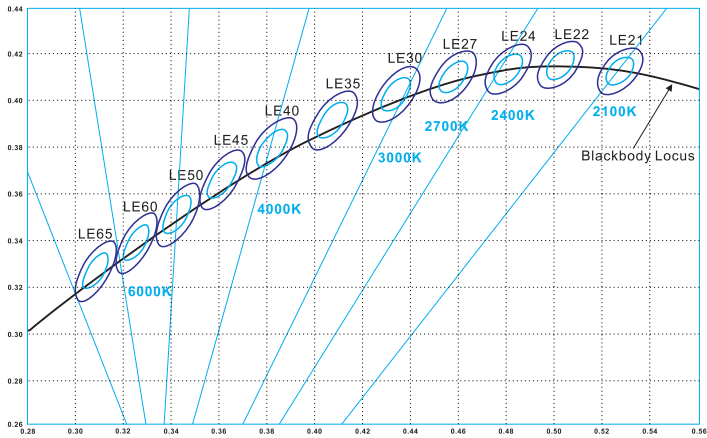
Dimension	5000x10x2mm
Chip Type	3528SMD
Chip Density	180LEDs/m
Step LEDs	6LEDs(24V)
Step Length	33.3mm(24V)

Voltage(V)	DC24V
Current(A/m)	0.6A
Power(W/m)	14.4W
Beam Angle	120°
Operation Temperature	-20°C~50°C

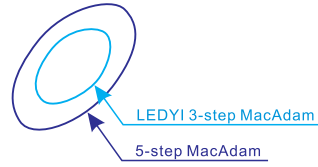
## Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2100±100	860.11	59.73	90.03	80.17	89.99	99.1
2400±100	865.87	60.13	92.26	80.71	91.08	100.3
2700±100	883.15	61.33	92.28	81.79	91.38	101.4
3000±100	900.86	62.56	94.79	82.76	92.53	102.7
4000±200	915.12	63.55	95.39	82.16	93.26	101.6
6000±300	926.92	64.37	93.49	83.63	91.73	101.1

## Bining



Graphic Description:



For all your order

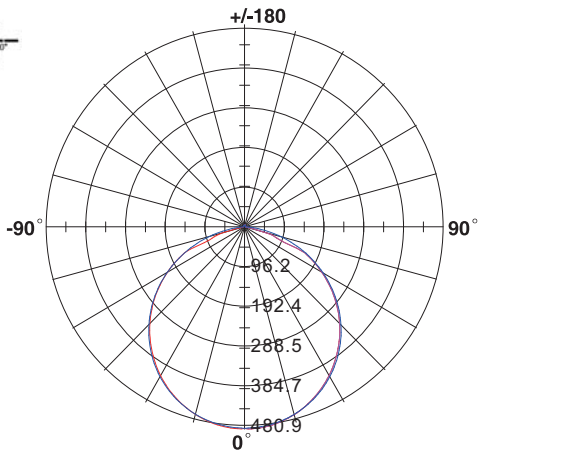


Today and tomorrow

- 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]

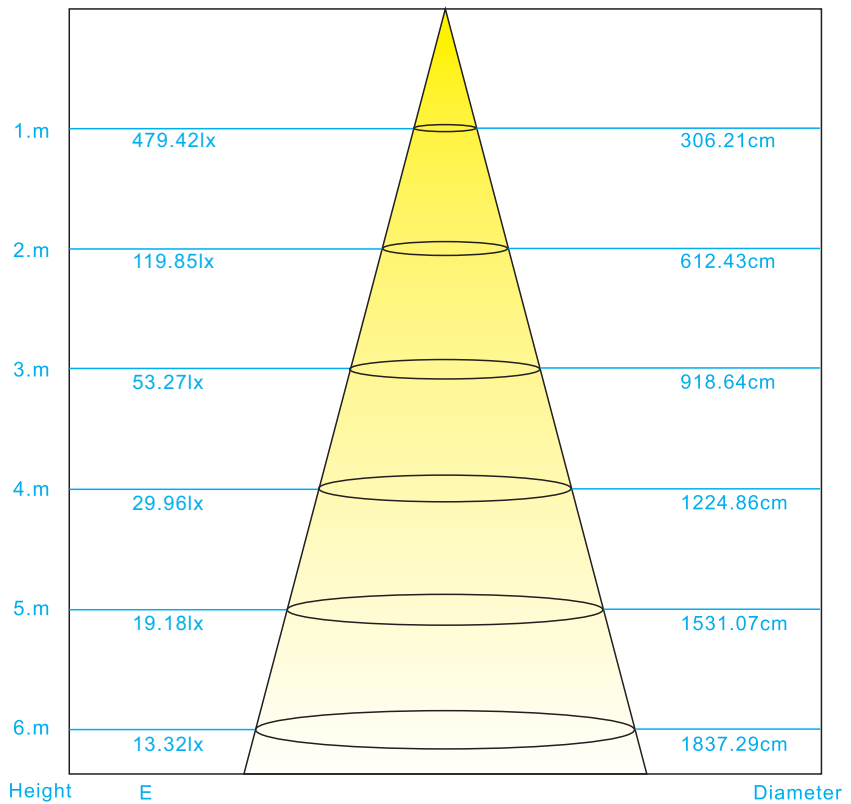
Luminaire



480.9								
384.7								
288.5								
192.4								
96.2								
-180°								180°

Light Distribution Curve (Linear)

(cd) | C0/C180: — C90/C270: — C0: —



Beam Angle: 113.60°

## Packing Information (Data base on IP20)

