



# ATENDI

| protech led



## LED STRIP SPECIFICATION

AT-WW30-12V-1





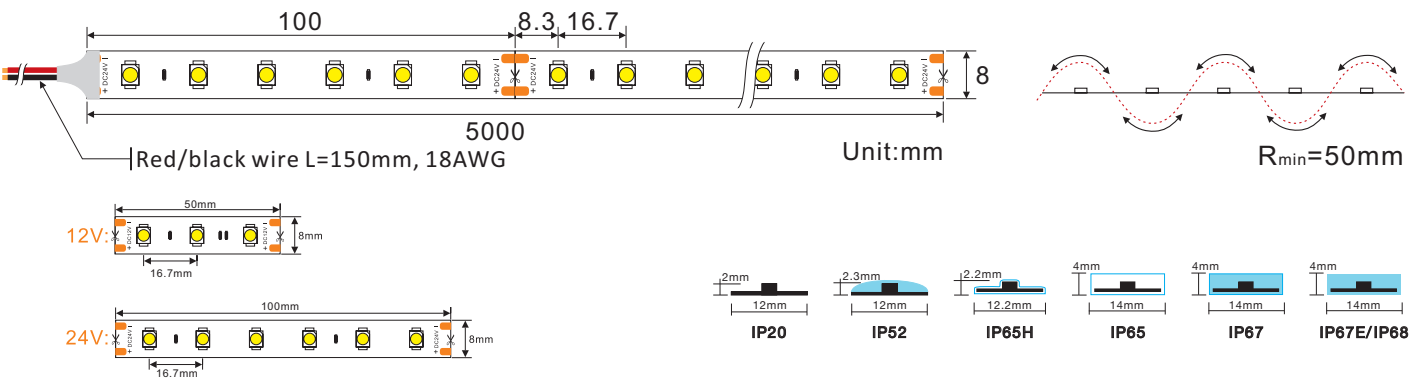
# AT-WW30-12V-1

## DESCRIPTION

12V or 24V for option, flexible LED strip (3LED/step =50mm(12V)/6LED/step =100mm(24V)) with 3M adhesive tape on the back for easy installed. 308.78lm/m at 4.8W/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	5000x8x2mm	Voltage (V)	DC12V/DC24V
Chip Type	3528SMD	Current (A/m)	0.4A(12V)/0.2A(24V)
Chip Density	60LEDs/m	Power (W/m)	4.8W
Step LEDs	3LEDs(12V)/6LEDs(24V)	Beam Angle	120°
Step Length	50MM(12V)/100MM(24V)	Operation Temperature	-20°C~50°C

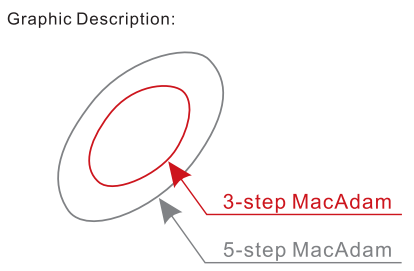
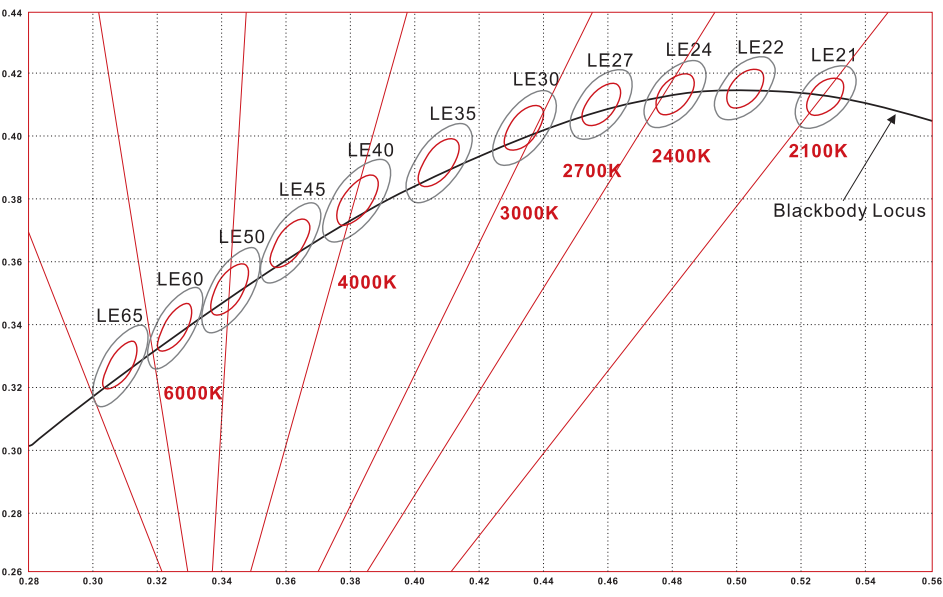
## PRODUCT PHOTOMETRICS (DATA BASE ON IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2100±100	250.94	52.28	91.28	82.33	89.54	100.3
2400±100	268.65	55.97	91.56	81.04	89.91	100.9
2700±100	277.72	57.86	94.37	82.05	91.38	101.7
<b>3000±100</b>	<b>288.24</b>	<b>60.05</b>	<b>93.22</b>	<b>85.81</b>	<b>90.76</b>	<b>101.3</b>
4000±200	299.32	62.36	95.89	90.36	93.66	102.8
6000±300	308.78	64.33	92.33	83.63	90.18	100.9



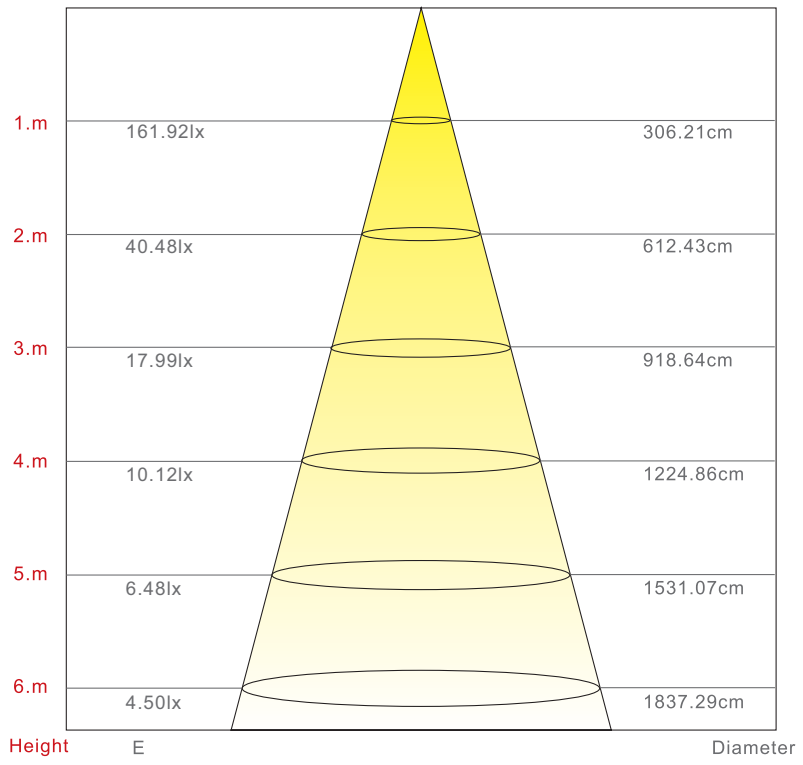
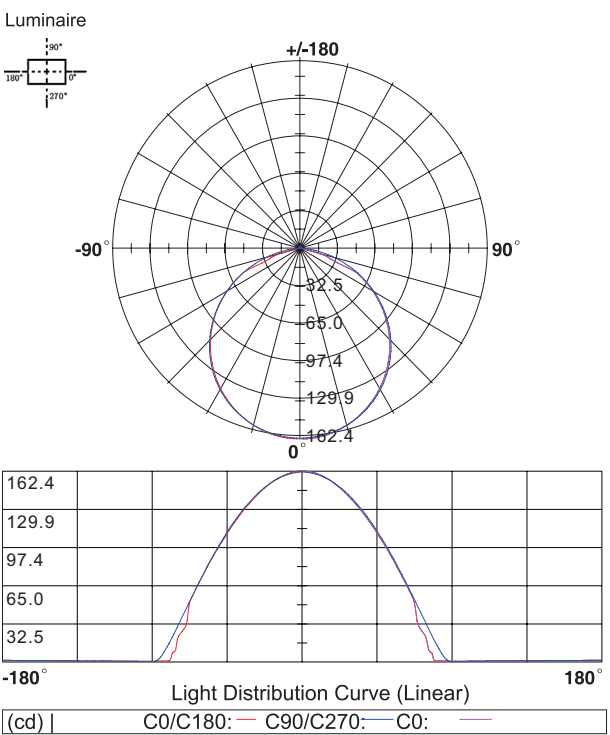
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## BINING



- 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 3000K CRI>90, UNIT:CD)



Beam Angle: 113.30°