

PROTECH LED

be creative



LED STRIP SPECIFICATION

AT-W27-SE-2





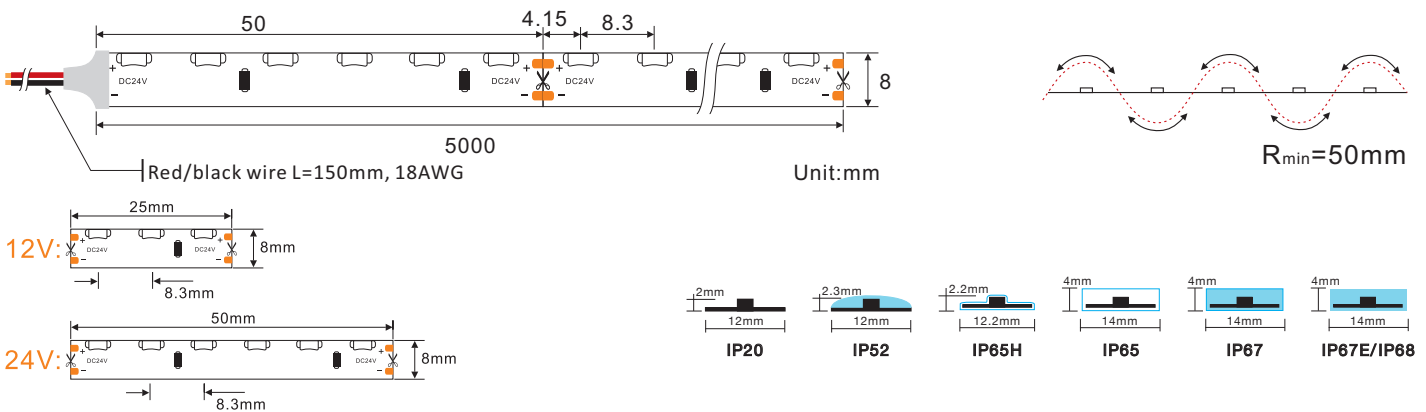
AT-W27-SE-2

DESCRIPTION

12V or 24V for option, flexible LED strip (3LED/step =25mm(12V)/6LED/step =50mm(24V)) with 3M adhesive tape on the back for easy installed. 1041.72lm/m at 12W/m. 120° beam angle. Very good color reproduction with CRI>80. "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	3014SMD	Current (A/m)	1A(12V)/0.5A(24V)
Chip Density	120 LEDs/m	Power (W/m)	12W
Step LEDs	3LEDs(12V)/6LEDs(24V)	Beam Angle	120°
Step Length	25MM(12V)/50MM(24V)	Operation Temperature	-20°C~50°C

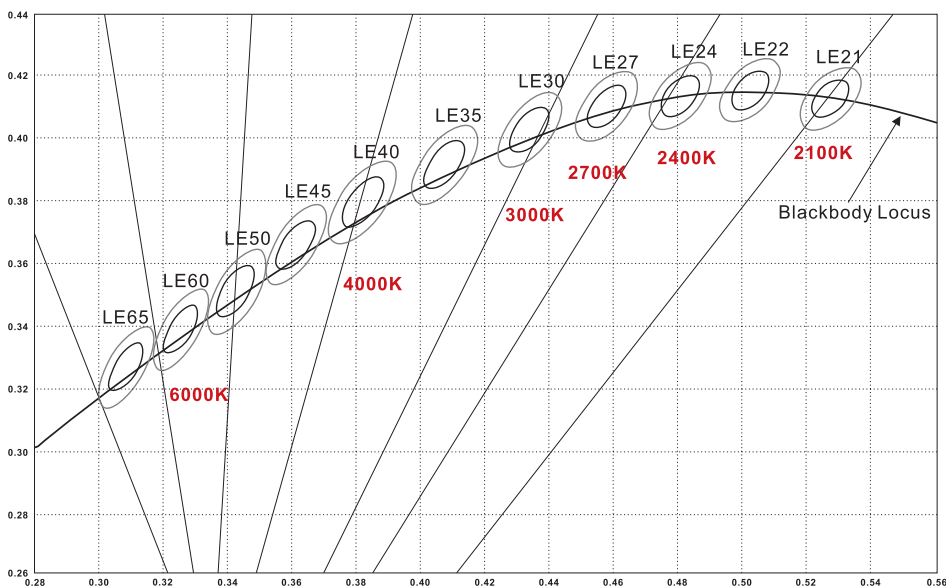
PRODUCT PHOTOMETRICS ((DATA BASE ON IP20 CRI>80)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2700±100	906.84	75.57	76.83	2.60	82.80	95.80
3000±100	980.64	81.72	78.46	7.99	83.98	96.82
4000±200	990.60	82.55	79.85	15.83	84.92	95.95
6000±300	1041.72	86.81	80.16	19.93	93.86	96.95

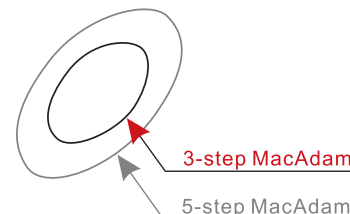


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BINING

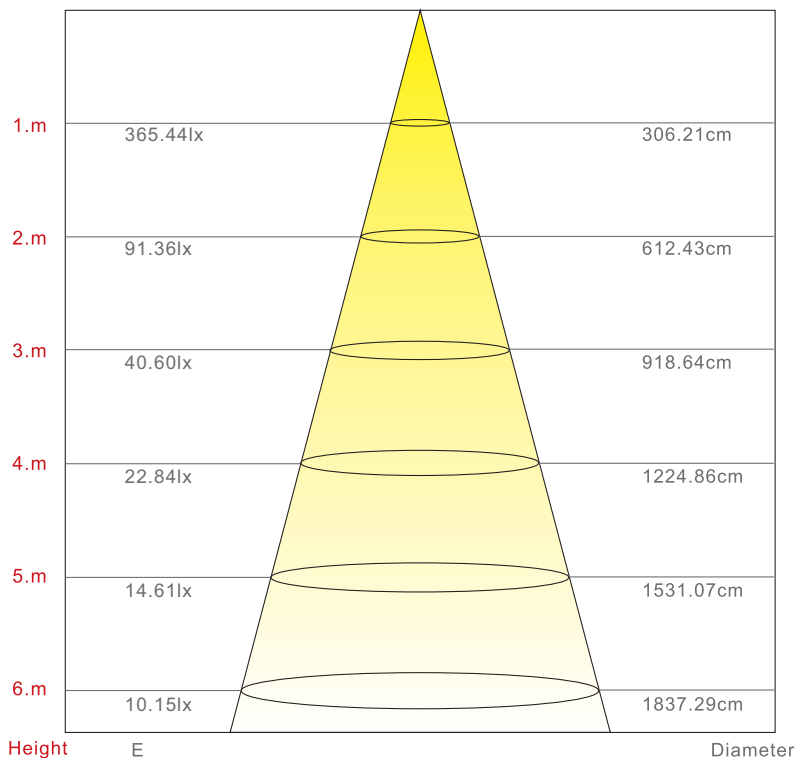
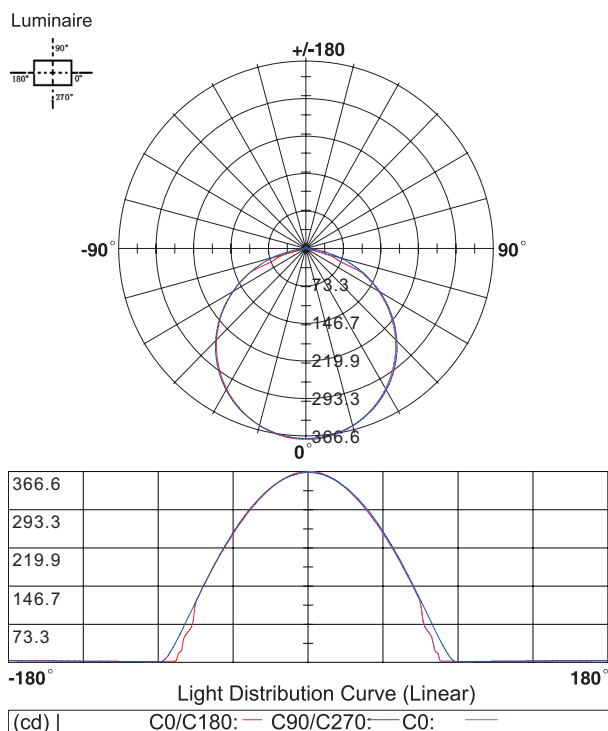


Graphic Description:



- 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 3000K CRI>80, UNIT:CD)



Beam Angle: 113.60°