

# PROTECH LED

be creative



## LED STRIP SPECIFICATION

AT-W27-SE-1





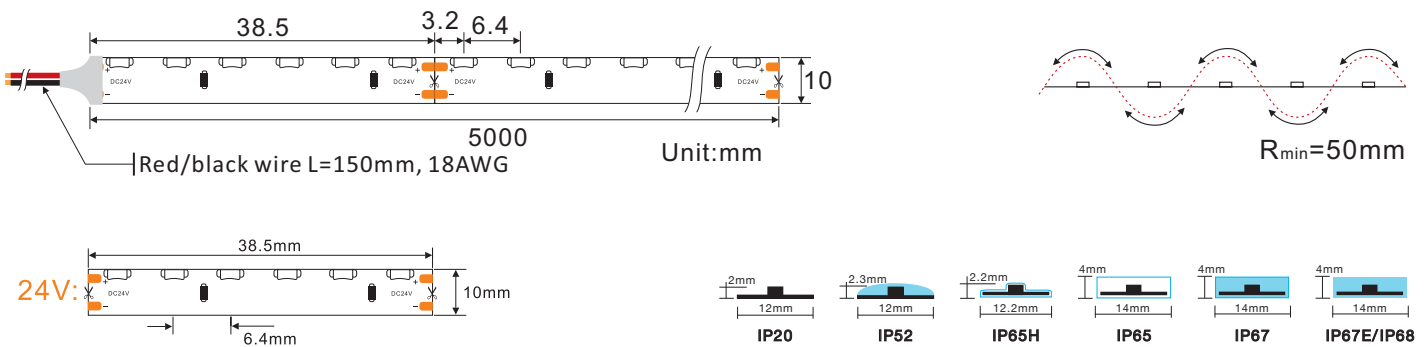
**AT-W27-SE-1**

**DESCRIPTION**

24V, flexible LED strip (6LED/step =38.5mm) with 3M adhesive tape on the back for easy installed.  
 1345.03lm/m at 15.6W/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 (L<sub>70</sub>).  
 Double-layer FPC(2Oz) for good heat dissipation.



**DIMENSIONS & WATERPROOF**



**PRODUCT SPECIFICATION**

Dimension	5000x10x2mm	Voltage (V)	DC24V
Chip Type	3014SMD	Current (A/m)	0.65A
Chip Density	156 LEDs/m	Power (W/m)	15.6W
Step LEDs	6 LEDs	Beam Angle	120°
Step Length	38.5mm	Operation Temperature	-20°C~50°C

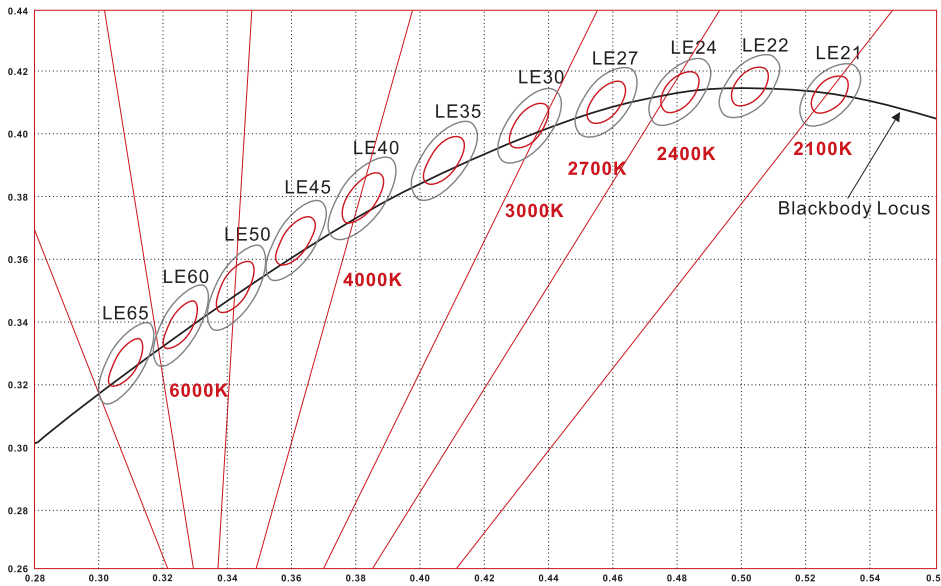
**PRODUCT PHOTOMETRICS (DATA BASE ON IP20 CRI>90)**

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2700±100	1180.14	75.65	76.45	3.84	82.91	95.86
3000±100	1267.97	81.28	78.45	7.89	83.93	96.98
4000±200	1271.71	81.52	79.75	15.82	84.85	95.95
6000±300	1345.03	86.22	80.02	19.84	93.86	96.95

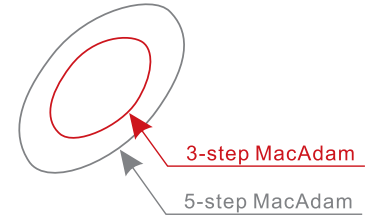


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**BINING**



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)

