

# PROTECH LED

be creative



## LED STRIP SPECIFICATION

AT-W27-1





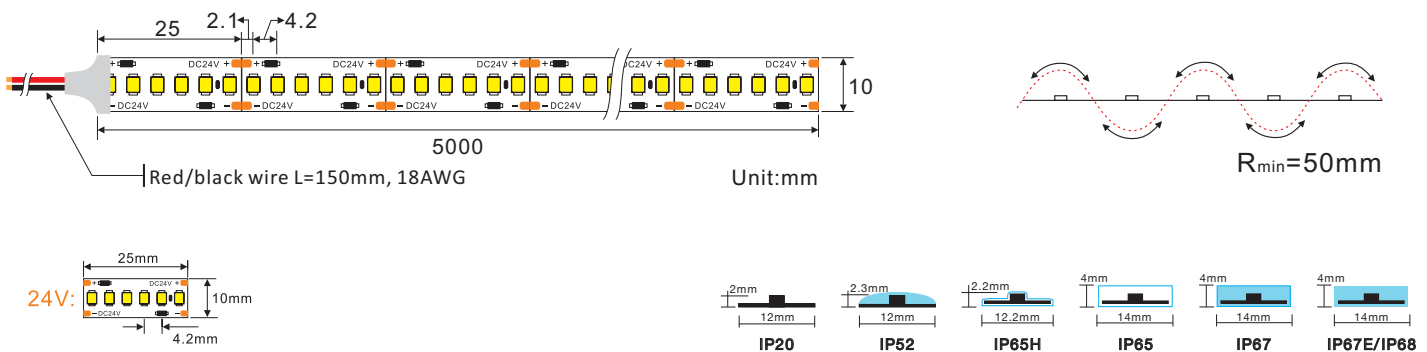
## AT-W27-1

### DESCRIPTION

24V, flexible LED strip (6LED/step =62.5mm(24V)) with 3M adhesive tape on the back for easy installed.1663.03lm/m at 17.28W/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	5000x12x2mm	Voltage (V)	DC24V
Chip Type	5050SMD	Current (A/m)	0.72A
Chip Density	96 LEDs/m	Power (W/m)	17.28W
Step LEDs	6 LEDs (24V)	Beam Angle	120°
Step Length	62.5mm(24V)	Operation Temperature	-20°C~50°C

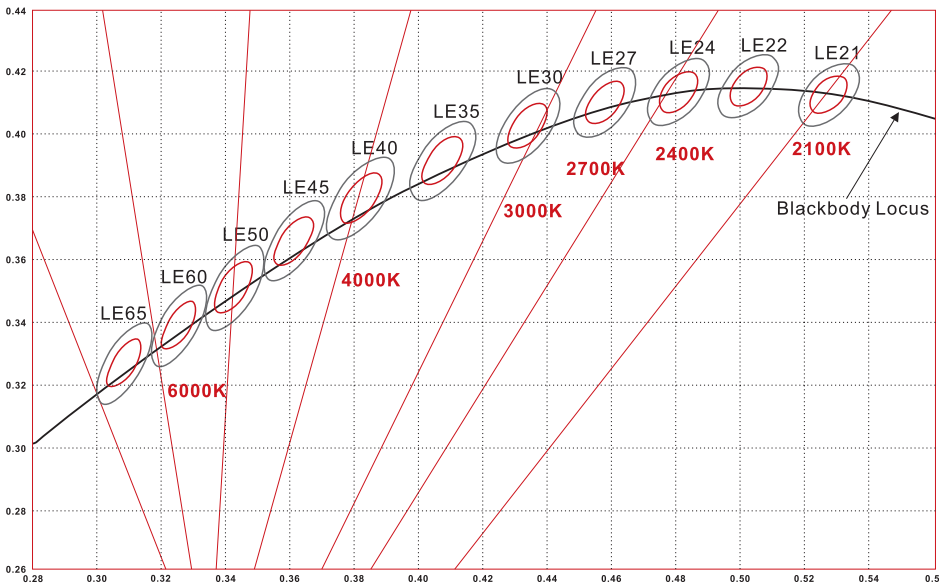
### PRODUCT PHOTOMETRICS (DATA BASE ON IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2100±100	1025.40	59.34	96.04	93.90	95.00	100.85
2400±100	1116.46	64.61	96.60	96.80	91.94	106.82
<b>2700±100</b>	<b>1281.66</b>	<b>74.17</b>	<b>98.84</b>	<b>93.94</b>	<b>93.96</b>	<b>100.85</b>
3000±100	1327.80	76.84	96.92	92.96	94.86	103.90
4000±200	1495.41	86.54	93.99	92.00	93.96	101.97
6000±300	1663.03	96.24	93.18	94.85	91.00	103.00

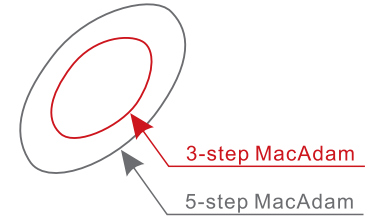


## AT-W27-1

### BINING

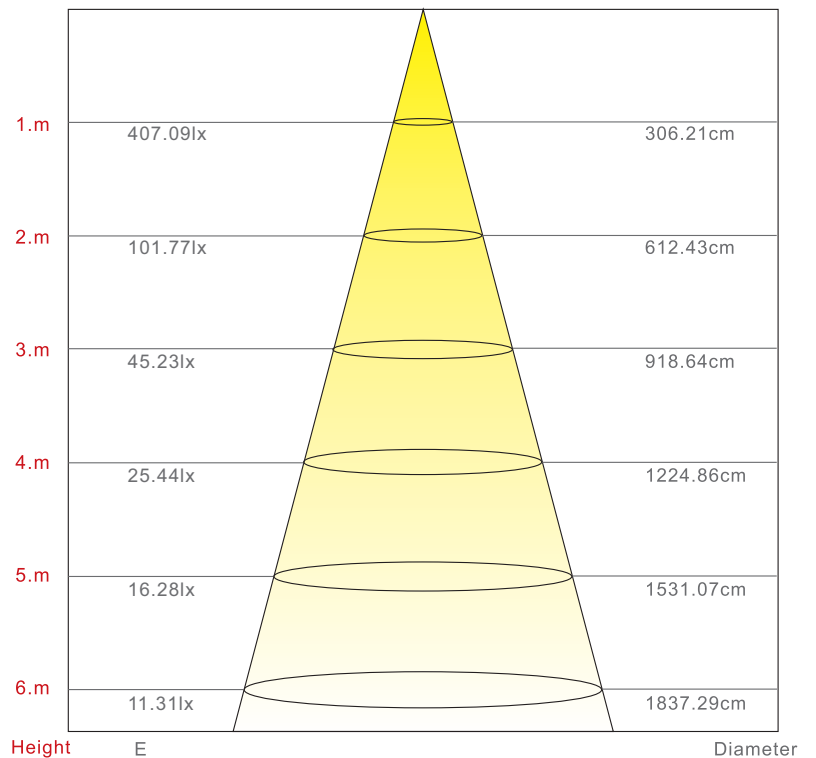
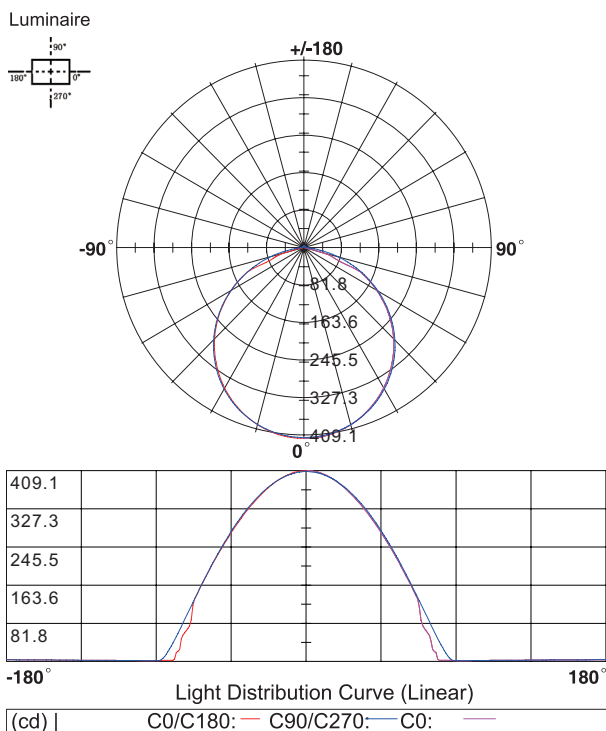


Graphic Description:



- 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>90, UNIT:CD)



Beam Angle: 113.30°