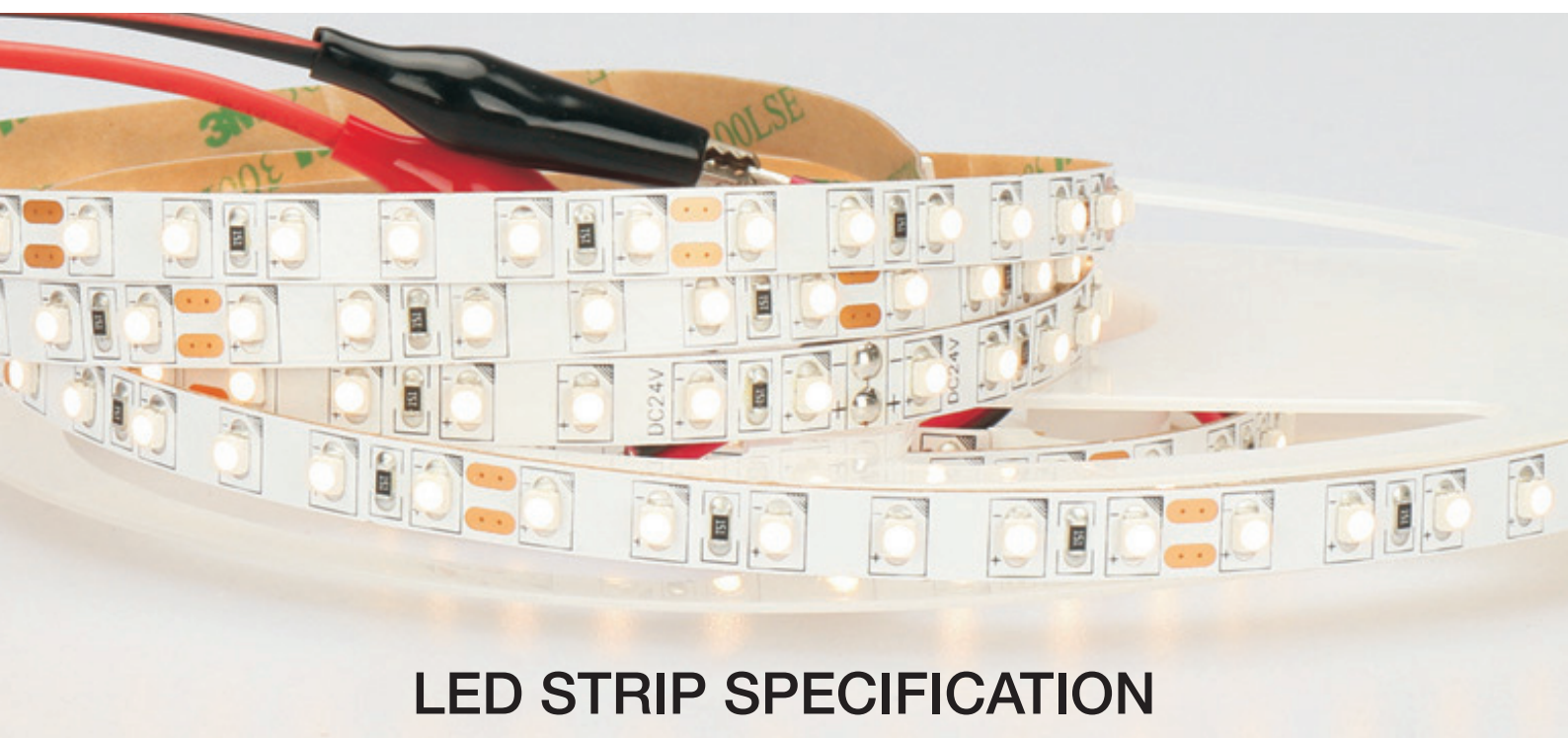


PROTECH LED

be creative



LED STRIP SPECIFICATION

AT-W40-6





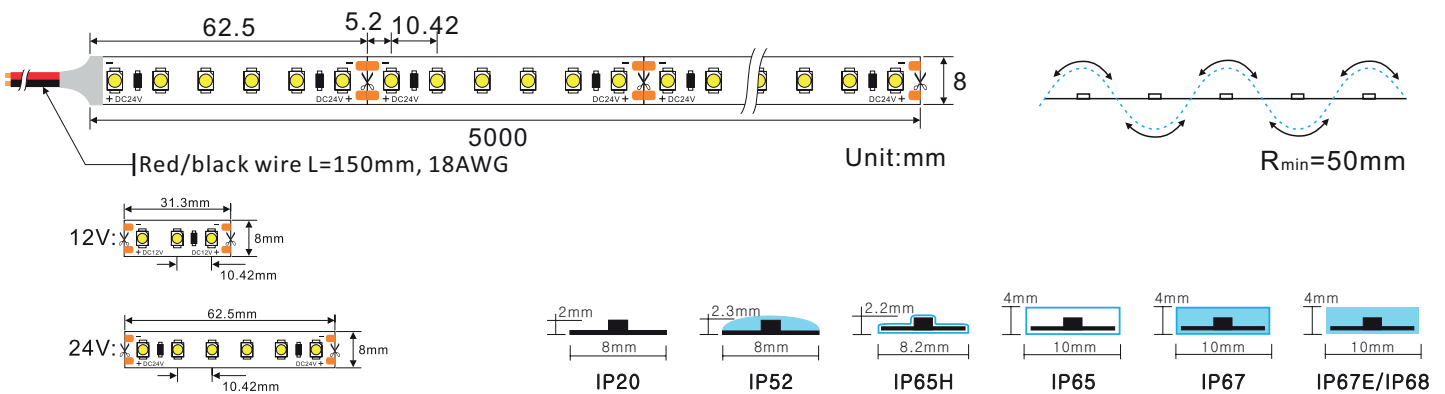
AT-W40-6

DESCRIPTION

24V, flexible LED strip (6LED/step = 62.5mm) with 3M adhesive tape on the back for easy installed. 1760lm/m at 30.6W/m. 120° beam angle. "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	5000x8x2mm	Voltage (V)	DC12V/DC24V
Chip Type	3528SMD	Current (A/m)	0.64A(12V)/0.32A(24V)
Chip Density	96 LEDs/m	Power (W/m)	7.68W
Step LEDs	3 LEDs(12V)/6 LEDs(24V)	Beam Angle	120°
Step Length	31.3mm(12V)/62.5 mM(24V)	Operation Temperature	-20°C~50°C

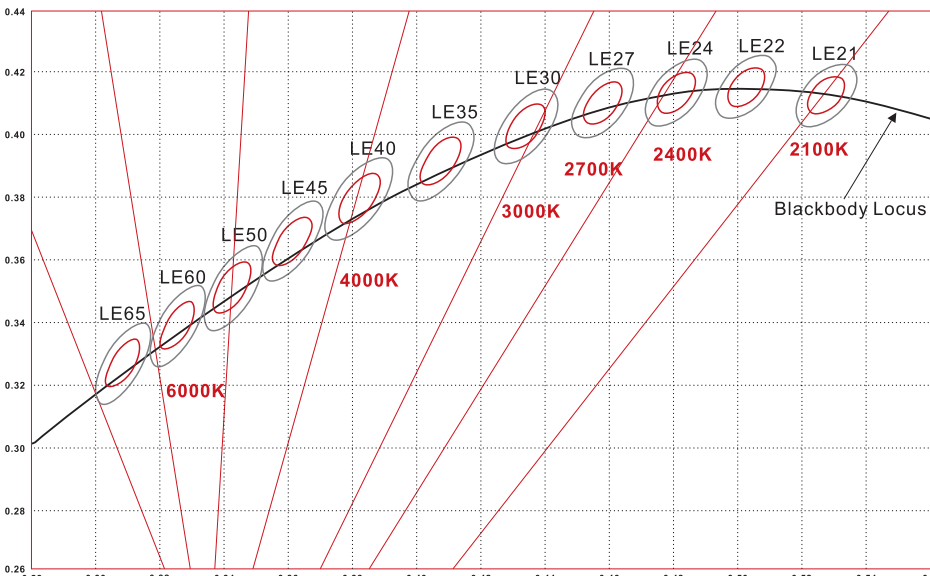
PRODUCT PHOTOMETRICS (DATA BASE ON IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2100±100	446.82	58.18	90.38	79.89	89.59	99.3
2400±100	452.89	58.97	91.96	81.34	89.98	100.9
2700±100	457.42	59.56	93.38	82.35	91.38	101.5
3000±100	468.09	60.95	94.29	84.86	92.79	101.9
4000±200	480.46	62.56	95.29	86.76	93.26	103.8
6000±300	502.12	65.38	92.38	82.63	90.13	101.9

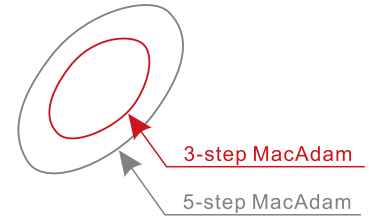


AT-W40-6

BINING

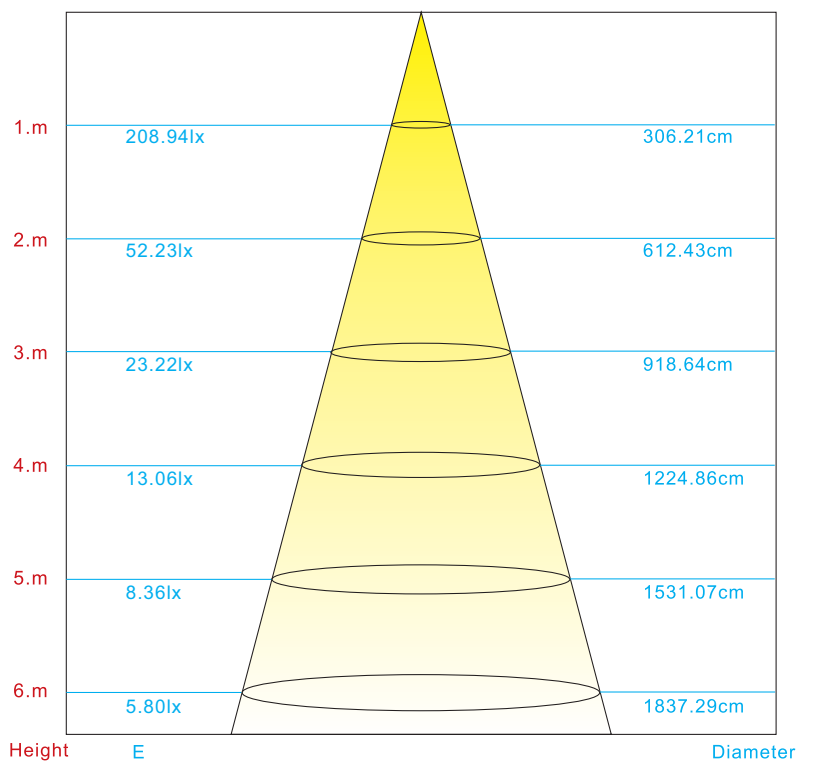
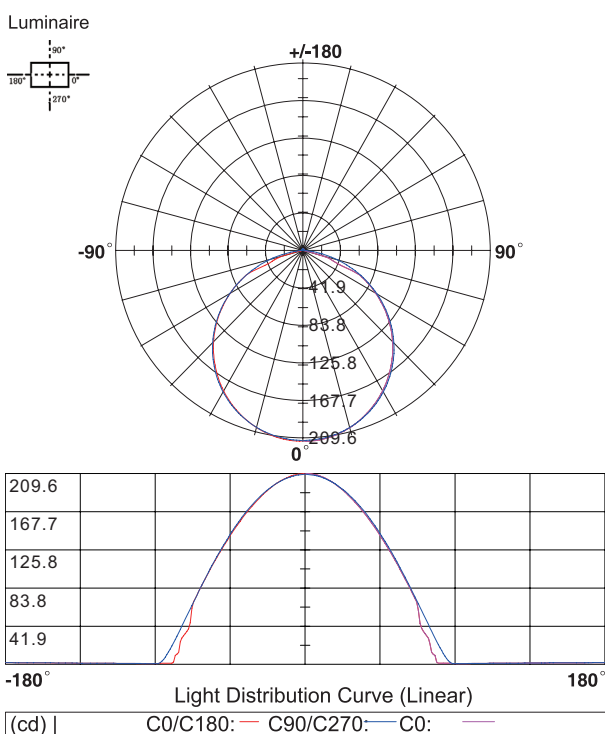


Graphic Description:



- 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°