

PROTECH LED

be creative



LED STRIP SPECIFICATION

AT-UV-1





AT-UV-1

DESCRIPTION

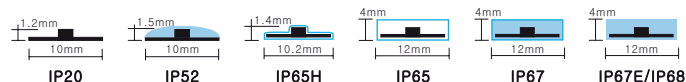
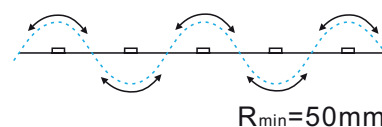
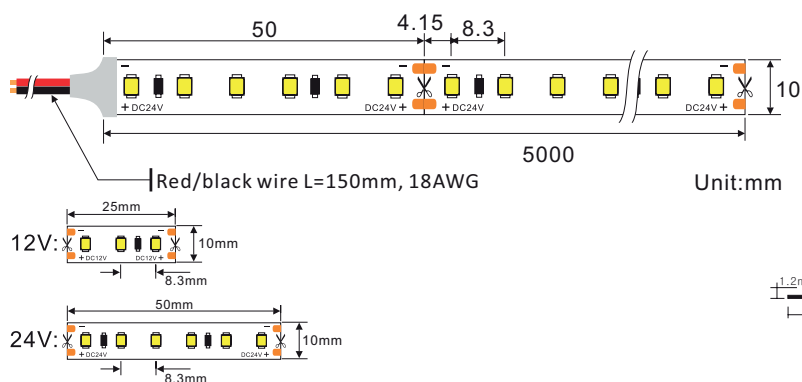
12V or 24V, flexible LED strip (3LED/step = 25mm(12V)/6LED/step = 50mm(24V)) with 3M adhesive tape on the back for easy installed.

2266.80lm/m at 24W/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 (L70). Double-layer FPC (2Oz) for good heat dissipation.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	5000x10x2mm	Voltage (V)	DC12V/DC24V
Chip Type	2835SMD	Current (A/m)	2A (12V) / 1A (24V)
Chip Density	120 LEDs/m	Power (W/m)	24W
Step LEDs	3LEDs(12V)/6LEDs(24V)	Beam Angle	120°
Cutting Length	25 mm (12V)/50 mm (24V)	Operation Temperature	-20°C~50°C

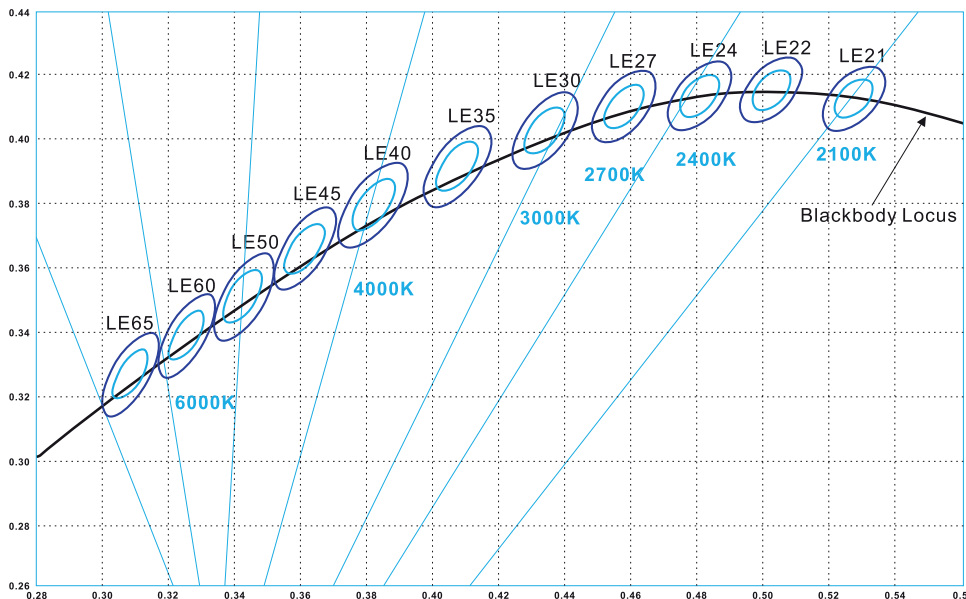
PRODUCT PHOTOMETRICS (DATA BASE ON IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2100±100	1658.16	69.09	91.36	69.99	90.93	101.95
2400±100	1868.16	77.84	91.47	79.83	90.81	101.82
2700±100	2135.52	88.98	91.33	78.86	92.80	100.81
3000±100	2154.72	89.78	92.65	84.93	90.80	103.96
4000±200	2349.12	97.88	95.64	85.95	90.95	100.00
6000±300	2266.80	94.45	93.37	98.82	91.96	101.89

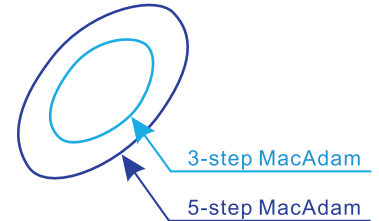


AT-W27-2

BINING

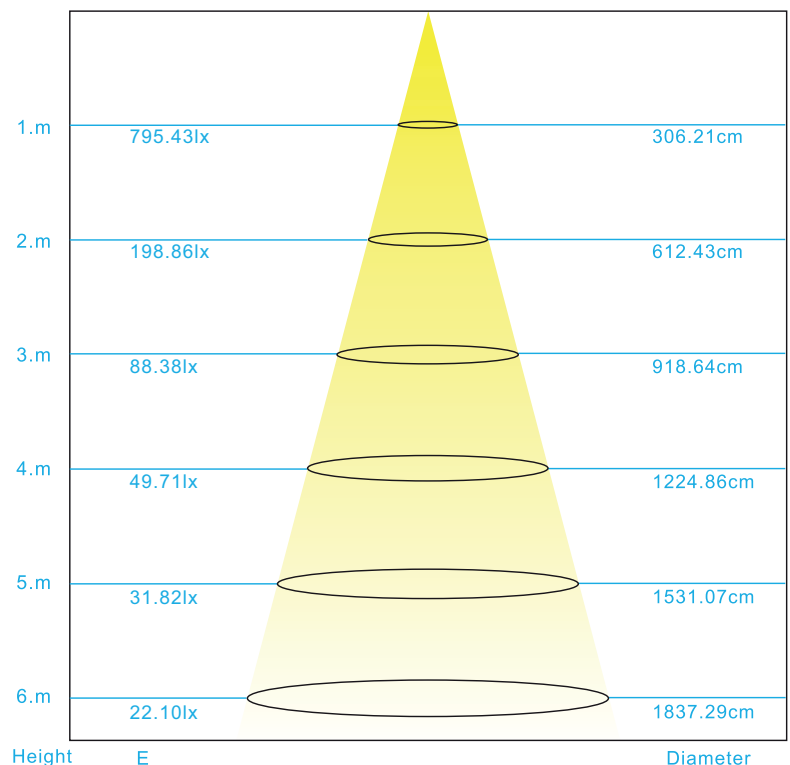
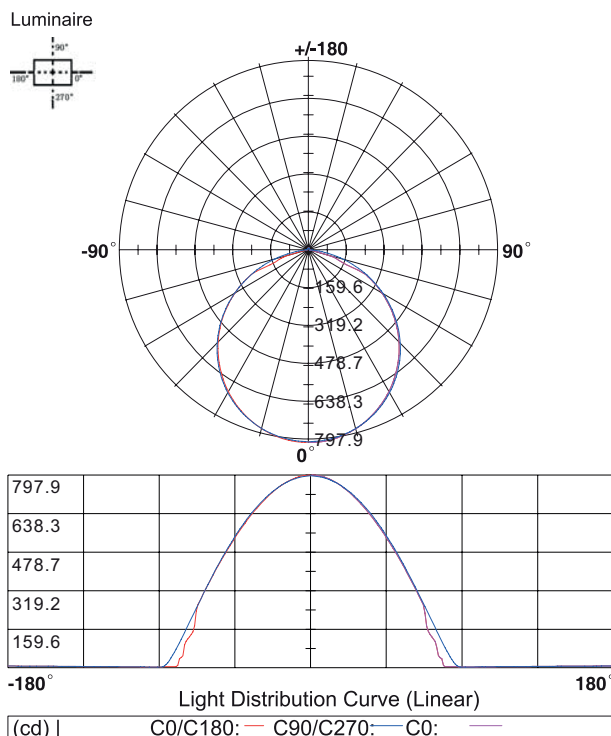


Graphic Description:



- 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 + siliconfilling, ~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



Beam Angle: 113.60°