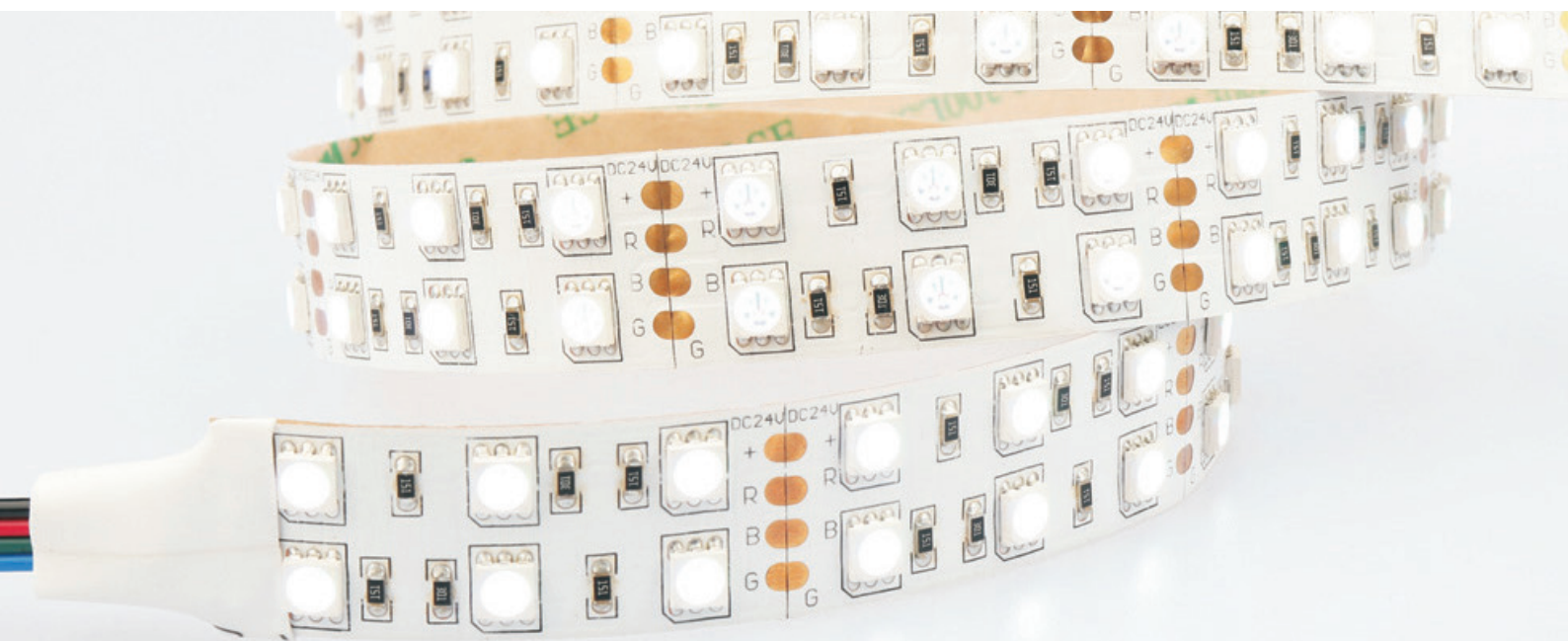




# ATENDI

| protech led



## LED STRIP SPECIFICATION

AT-RGB-X-1



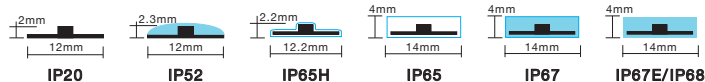
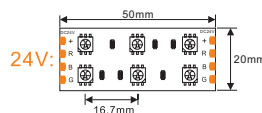
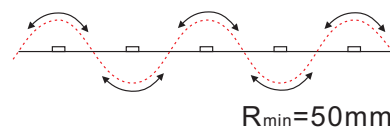
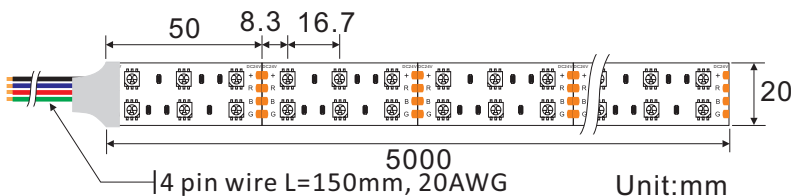
# AT-RGB-X-1

## DESCRIPTION

24V, flexible LED strip (6LED/step=50mm) with 3M adhesive tape on the back for easy installed.  
 28.8W/m. 120° beam angle, 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	5000x20x2mm	Voltage (V)	DC24V
Chip Type	5050SMD	Current (A/m)	1.2A
Chip Density	120LEDs/m	Power (W/m)	28.8W(3 colors 100% on)
Step LEDs	6LEDs	Beam Angle	120°
Step Length	50mm	Operation Temperature	-20°C~50°C

## PRODUCT PHOTOMETRICS - RED, GREEN AND BLUE DIODES (DATA BASE ON IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
RED	632	622	260	8.97	29
GREEN	517	523	820	9.53	86
BLUE	462	466	150	8.82	17

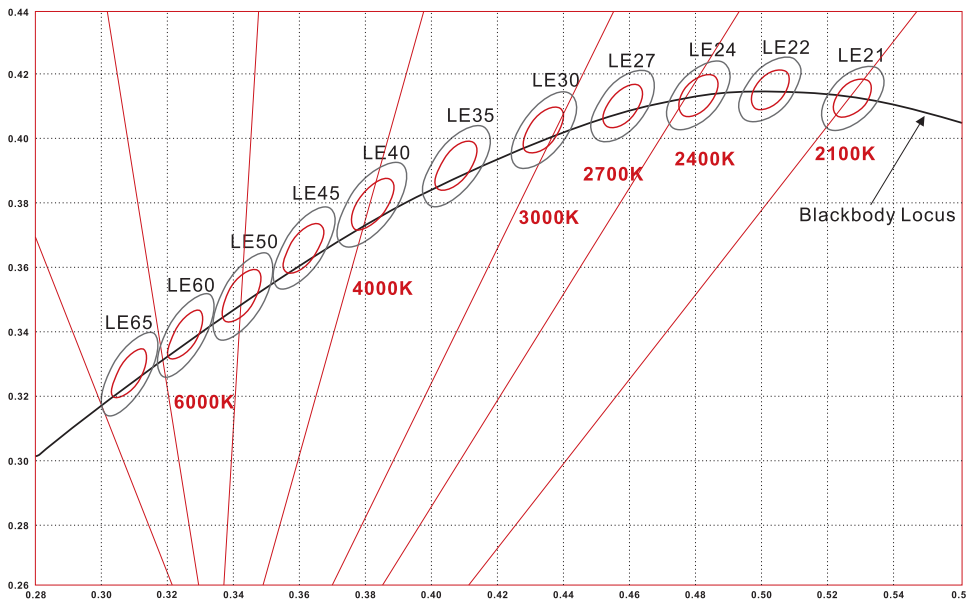


# AT-LED-X-1

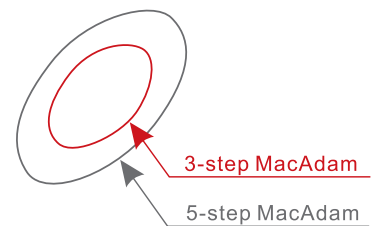
## PRODUCT PHOTOMETRICS - ALL RED, GREEN AND BLUE COLOR AT 100% ON (DATA BASE ON IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
42300K	1230	27.95	44	50	-

### 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.