

# PROTECH LED

be creative



## LED STRIP SPECIFICATION

AT-RGB-COB





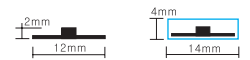
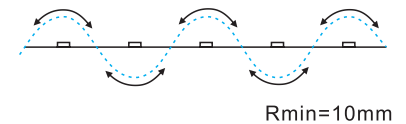
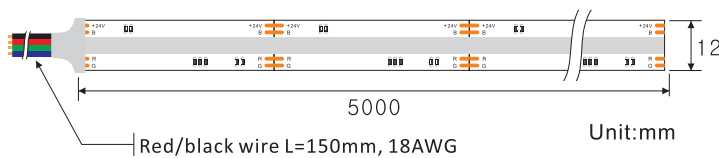
## AT-RGB-COB

### DESCRIPTION

24V, RGB flexible COB strip (Step length: 24V=55.55mm), with 3M adhesive tape on the back for easy installed. RGB color, 180° beam angle .



### DIMENSIONS & WATERPROOF



### PRODUCT SPECIFICATION

Dimension	5000x12x2mm
Chip Type	COB
Chip/m	1134 pcs
Step LEDs	63 pcs
Step Length	55.55 mm

Voltage (V)	DC24V
Power (W/m)	15W
CRI	>50
Beam Angle	180°
Operation Temperature	-20°C~50°C

### PRODUCT PHOTOMETRICS (DATA BASE ON IP20 CRI>50)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
Red	632	622	139.93	4.83	28.97
Green	517	523	449.73	5.23	85.99
Blue	462	466	83.88	4.94	16.98

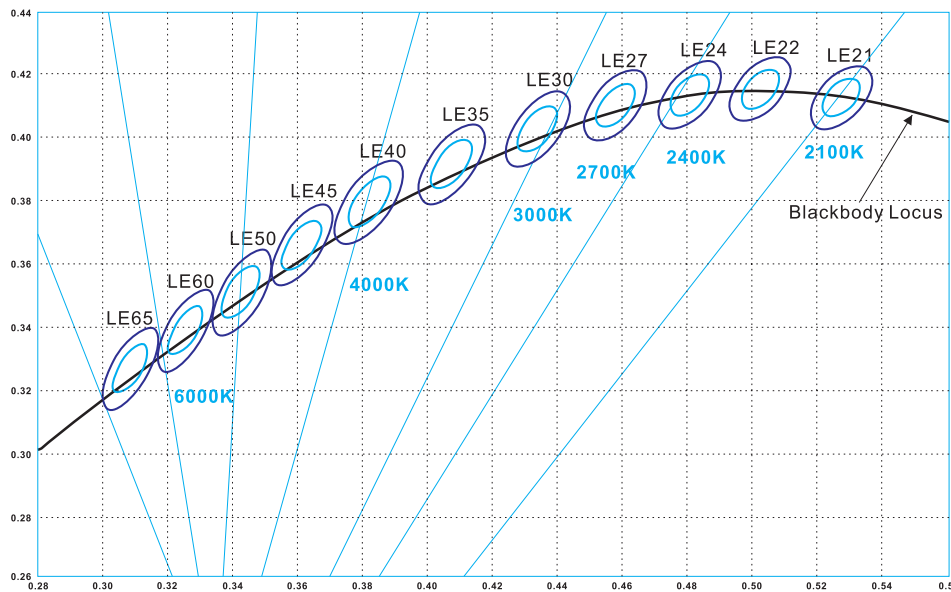


**AT-RGB-COB**

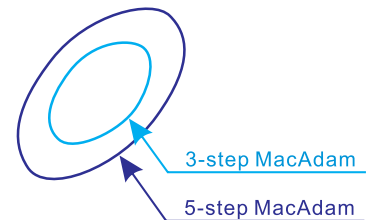
**PRODUCT PHOTOMETRICS - ALL RED, GREEN AND BLUE COLOR AT 100% ON (DATA BASE ON IP20)**

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
42300K	645.75	15	43.05	50	-

**BINING**



Graphic Description:



- IP20: bare, max. light output and the best color consistency, indoor use.
- 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.

**PRECAUTIONS FOR USE**

- To protect the LED light strip, do not hit the light-emitting area with hard things.
- After unpacking, please use in 24H to avoid the oxidation effect of solder joints.
- Avoid direct contact with high temperature objects in the light-emitting area of the lamp, and the instantaneous contact temperature of the surface of the light-emitting area should be less than 210 ° C.
- The saldering iron temperature should be less than 300° during saldering, and the saldering time of single solder should be controlled within 3s.
- It is strictly forbidden to twist the lamp with short distance. The single lamp strip (0.5 ml has a maximum twist angle of 720°.



- The bend diameter at any position needs to be greater than 1 cm.

