

# PROTECH LED

be creative



## LED STRIP SPECIFICATION

AT-RGB-CC-2





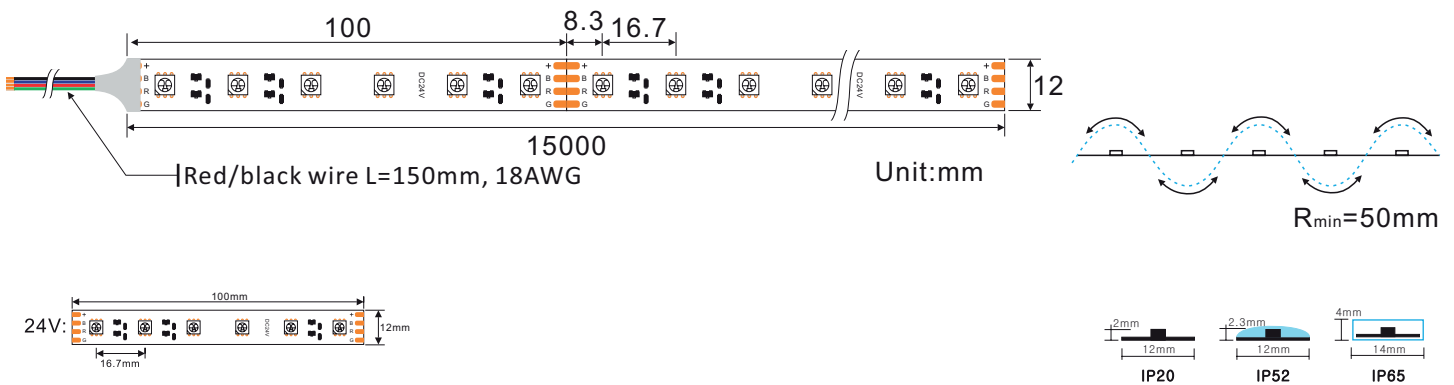
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### DESCRIPTION

24V DC, 15meters constant current super long flexible LED strip (6LED/step =100mm) with 3M adhesive tape on the back for easy installed. 120° beam angle. High light quality at a lifetime of 54,000 hours (L70). Double-layer FPC(3Oz) for good heat dissipation.



### DIMENSIONS & WATERPROOF



### PRODUCT SPECIFICATION

|              |                |                       |                         |
|--------------|----------------|-----------------------|-------------------------|
| Dimension    | 15000x 12x 2mm | Voltage (V)           | DC24V                   |
| Chip Type    | 5050 SMD       | Current (A/m)         | 0.45A                   |
| Chip Density | 60 LEDs/m      | Power (W/m)           | 11 W (3 colors 100% on) |
| Step LEDs    | 6 LEDs         | Beam Angle            | 120°                    |
| Step Length  | 100mm          | 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                      | 120          | 3.87        | 31              |
| GREEN | 517                  | 523                      | 360          | 3.91        | 92              |
| BLUE  | 462                  | 466                      | 71           | 3.94        | 18              |

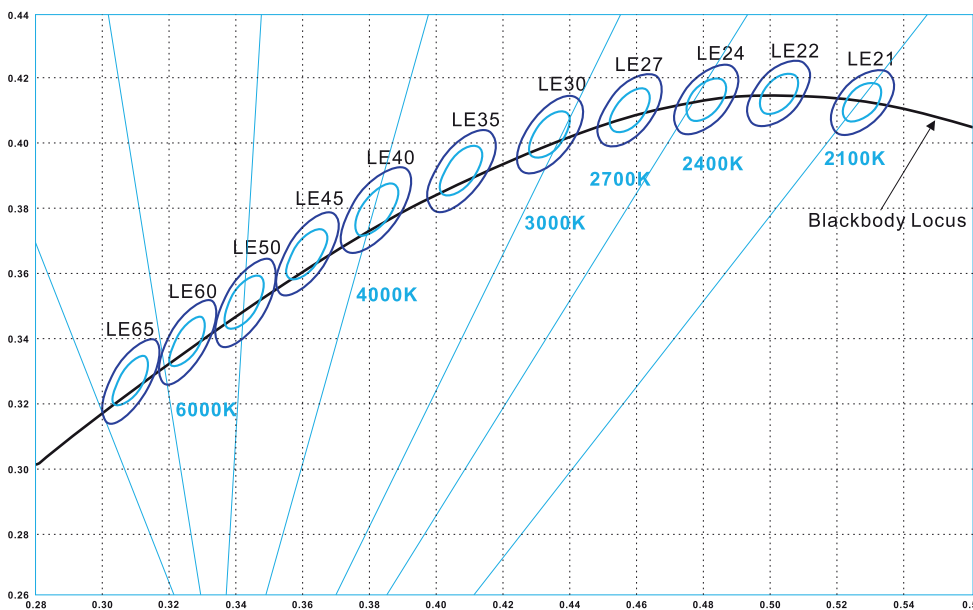


**AT-RGB-CC-2**

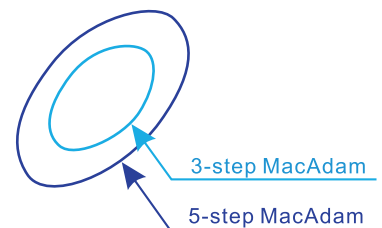
**PRODUCT PHOTOMETRICS - ALL RED, GREEN AND BLUE COLOR AT 100% ON (DATA BASE ON IP20)**

| CCT (K) | Lumen (lm/m) | Power (w/m) | Efficacy (lm/w) | CRI | R9 |
|---------|--------------|-------------|-----------------|-----|----|
| 30000K  | 550          | 11          | 50              | 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.