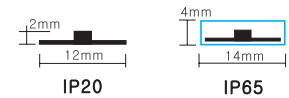# PROTECH LED
be creative

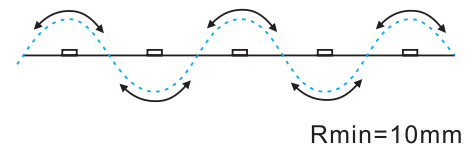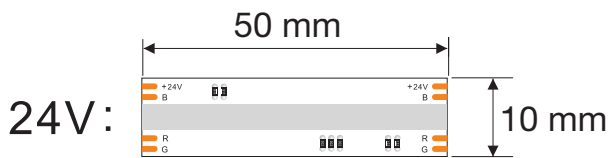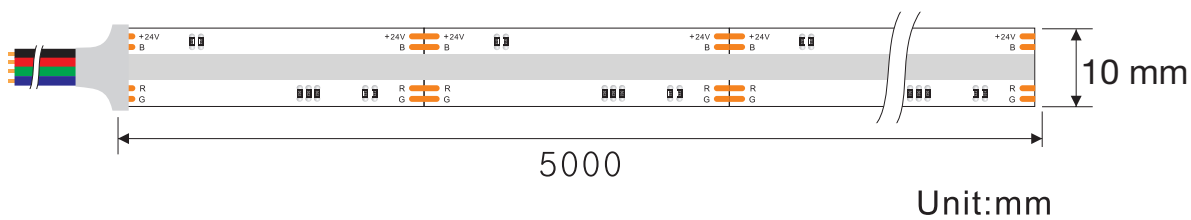
LED STRIP SPECIFICATION

AT-RGB-COB-2

DESCRIPTION

24V, RGB flexible COB strip, with 3M adhesive tape on the back for easy installed. RGB color, 180° beam angle.

DIMENSIONS & WATERPROOF

5000

Unit:mm

10 mm

50 mm

24V :

10 mm

Rmin=10mm

2mm
12mm
IP20

4mm
14mm
IP65

PRODUCT SPECIFICATION

Dimension	5000x10x2mm		Voltage (V)	DC24V
Power (W/m)	15 W/m		Color	RGB
Chip Type	COB		Chip/m	840
Lumen/m	600		Step Length	50 mm
CRI	>50		Beam Angle	180°
Operation Temperature	-20°C~50°C			

BINING

Graphic Description:

3-step MacAdam
5-step MacAdam
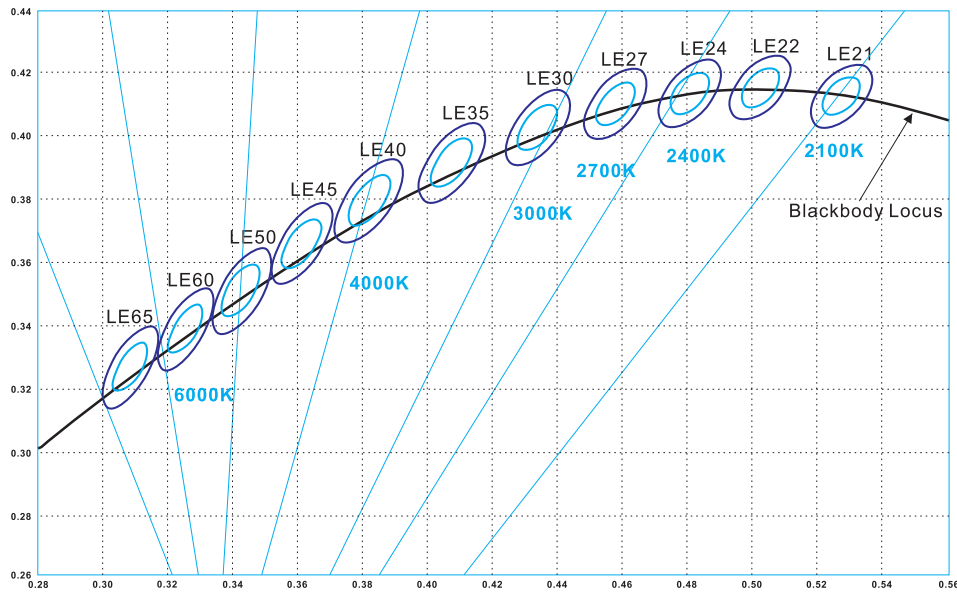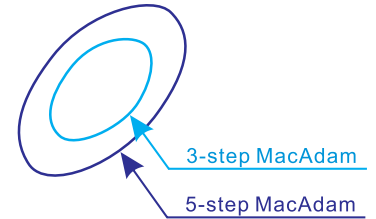
IP20:   bare, max. light output and the best color consistency, indoor use.
IP65:   Silicon tube / Heat shrink tube / Extrusion tube / U milky tube + clear cover, ~3% less output and 2nd
        best color consistency, Indoor use or semi-outdoor use, for raining environments.

PRECAUTIONS FOR USE

1. To protect the LED light strip, do not hit the light-emitting area with hard things.
2. After unpacking, please use in 24H to avoid the oxidation effect of solder joints.
3. 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.
4. The saldering iron temperature should be less than 300° during saldering, and the saldering time of single solder should be
   controlled within 3s.
5. 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°.

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