

Flexible COB Light Strip

IP68,12V/24VDC, RGB light strip

Features:

- UL listed (UL2108)
- IP68 rating
- No hotspots
- Wide viewing angle (180°)
- Operating Temperature: -40°C~85°C
- Storage Temperature: -40°C~85°C
- Humidity tolerance: 40-70% RH

Application:

- Commercial building
- Residential building
- Entertainment lighting
- Hotels
- Signages

Product Performance Parameters:

P/N	Colour	CCT/nm	Lumen output (lm/M)	Efficacy (lm/W)	Working voltage 12/24(V)/IF(A)	Rated Power (W/M)
AB-FOD01206-19712-XA1	Red	520-530nm	143lm	22lm	12V/0.54A	6.5W
	Green	620-630nm	400lm	100lm	12V/0.33A	4W
	Blue	460-470nm	119lm	23lm	12V/0.43A	5.2W
AB-FOD02406-19712-XA1	Red	520-530nm	143lm	22lm	24V/0.27A	6.5W
	Green	620-630nm	400lm	100lm	24V/0.16A	4W
	Blue	460-470nm	119lm	23lm	24V/0.21A	5.2W

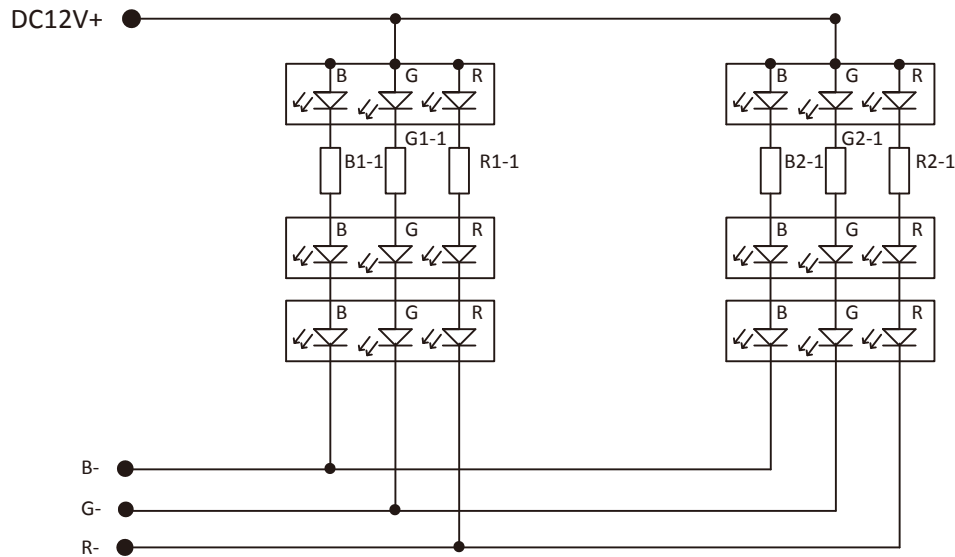
Notes :

1. Luminous flux plus or minus 10% is allowed in the floating.
2. Maximum length current attenuation 15%.
3. Photometric standards are based on CIE eye sensitivity curve diagram test.

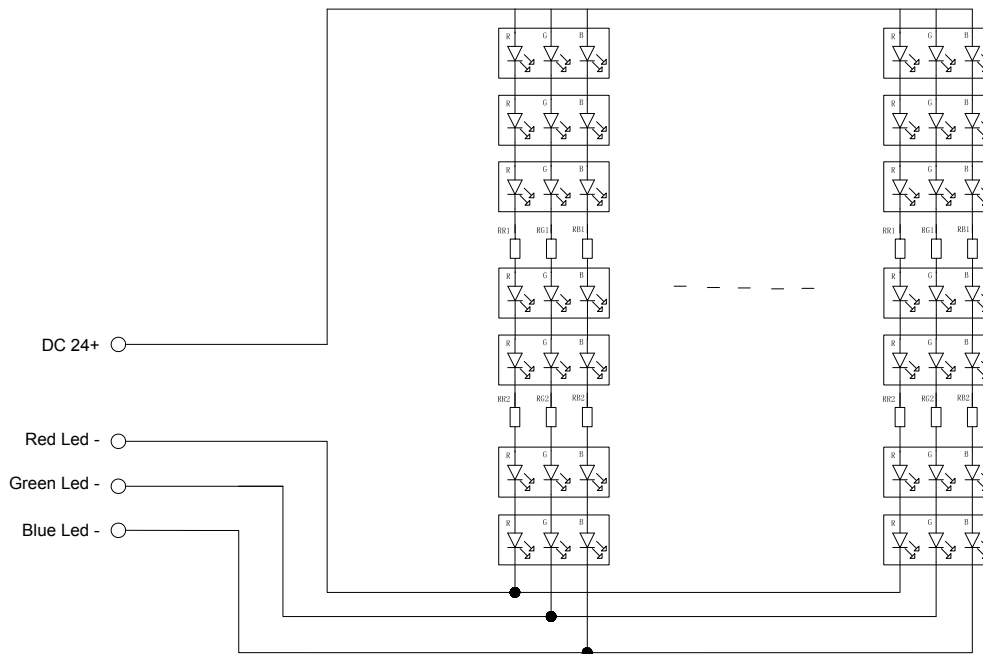


Schematic diagram:

DC12V



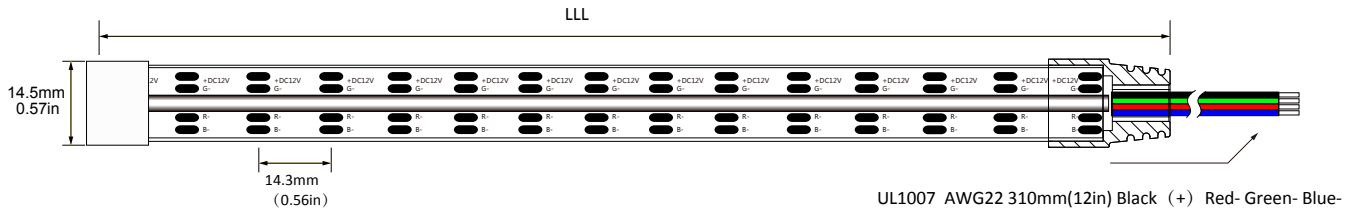
DC24V



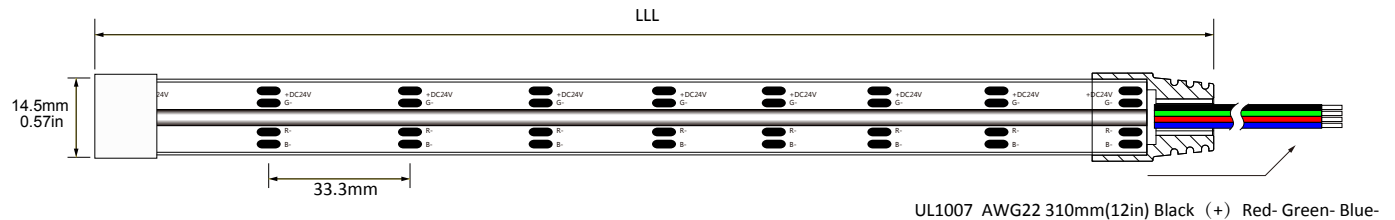


Product size chart:

DC12V 630LED/M

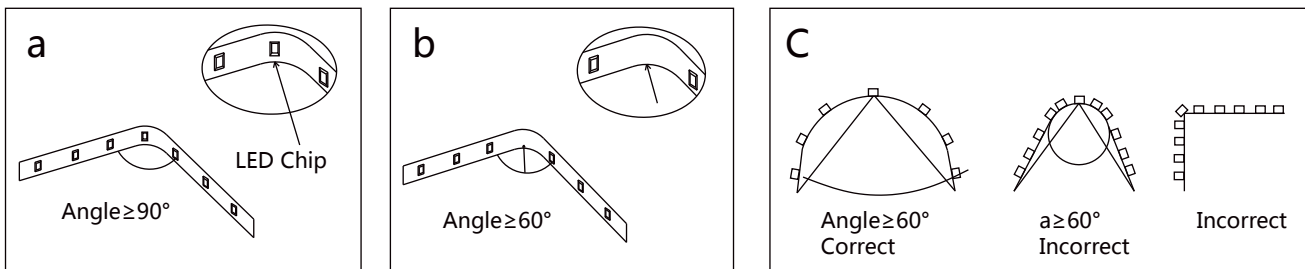


DC24V 630LED/M



1. UNIT:MM(IN)
2. COLOR:WHITE

LED Strip Installation



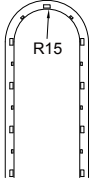
a: use an angle greater or equal to 90 degrees when there is an LED chip on the corner while placing the strip in a concave position (Angle $\geq$ 90degree)

b: use an angle greater or equal to 60 degrees when there is an LED chip on the corner while placing the strip in a concave position (Angle $\geq$ 60degree)

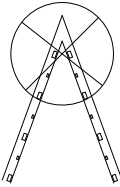
c:use an angle greater or equal to 60 degrees when there is an LED chip on the corner while placing the strip in a concave position (Angle $\geq$ 60degree) In the convex position the angle should not reach 90 degrees .See above diagram.



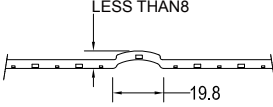
Maximum Flexibility Precaution



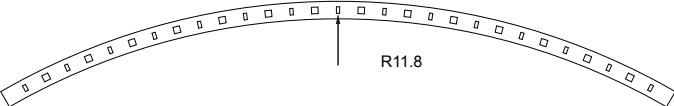
NOTE: DO NOT BEND TO A RADIUS OF LESS THAN 0.59 INCH



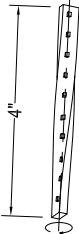
NOTE: SHARP BENDING ISN'T ALLOWABLE



NOTE: DO NOT AXIAL BEND TO THE HEIGHT OF MORE THAN 19.8mm WITHIN 0.78 INCH SEGMENT

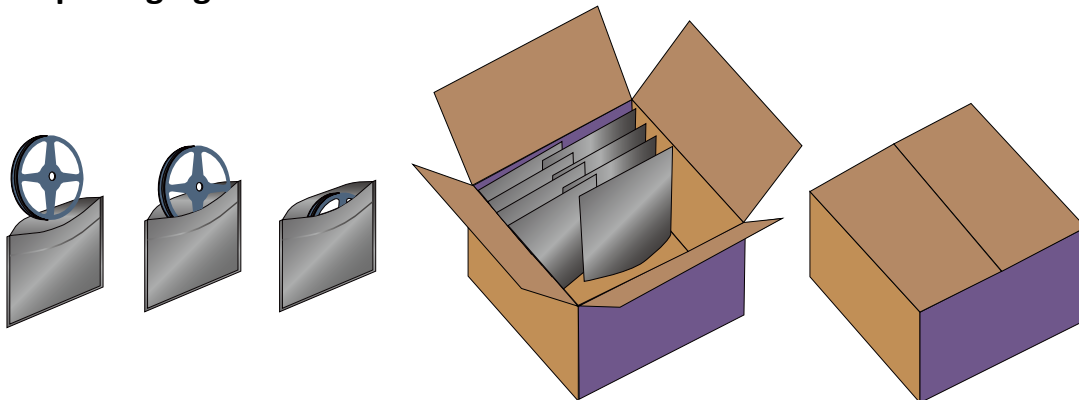


NOTE: DO NOT HORIZONTAL BEND TO A RADIUS OF LESS THAN 18 INCH



NOTE: DO NOT TWIST MORE THAN 90° OVER THE LENGTH OF ONE 24v SEGMENT/ TWO 12V SEGMENTS (4" TOTAL LENGTH)

Product packaging



P/N	Qty/ Box	Ret Weight/ Box	Gross Weight/ Box
AB-FODVVV06-19712-XA1			