



AB-FC005KK-07912-XA1-12S

Top View LED Light Strip - 5V DC, CCT, IP65

Features:

- UL listed
- IP65 waterproof rating
- Top emitting, wide viewing angle 120°
- Operating temperature -45°C~85°C
- Storage temperature -45°C~85°C
- Environment humidity 40-70%RH

Application:

- Conference/Meeting rooms
- Factories and Offices
- Commercial Purposes
- Residential/Institution Buildings
- Schools
- Hospitals
- Hotels

Product performance parameter:

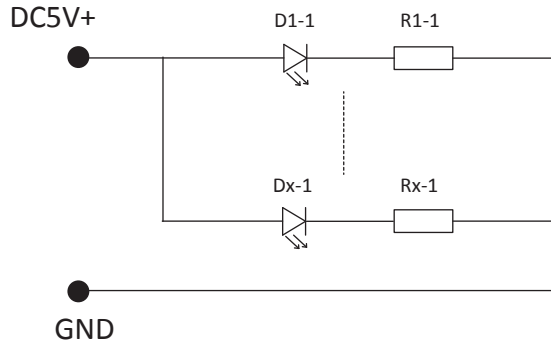
Serial number	Part Number	CCT/nm	CRI/nm	LED QTY/M	Luminous per pcs	lm/W	working voltage (5V)/IF(A)	Rated power (W/pcs)
1	AB-FC00530-07912-8A1-12S	3000±150K	>80	120LEDs	306lm	85/W	5V/0.72A	3.6
2	AB-FC00540-07912-8A1-12S	4000±200K	>80	120LEDs	316lm	88/W	5V/0.72A	3.6
3	AB-FC00550-07912-8A1-12S	5000±300K	>80	120LEDs	324lm	90/W	5V/0.72A	3.6
4	AB-FC00565-07912-8A1-12S	6500±500K	>80	120LEDs	324lm	90/W	5V/0.72A	3.6
5	AB-FC005BL-07912-XA1-12S	Blue	465-475nm	120LEDs	64lm	18/W	5V/0.72A	3.6

Notes :

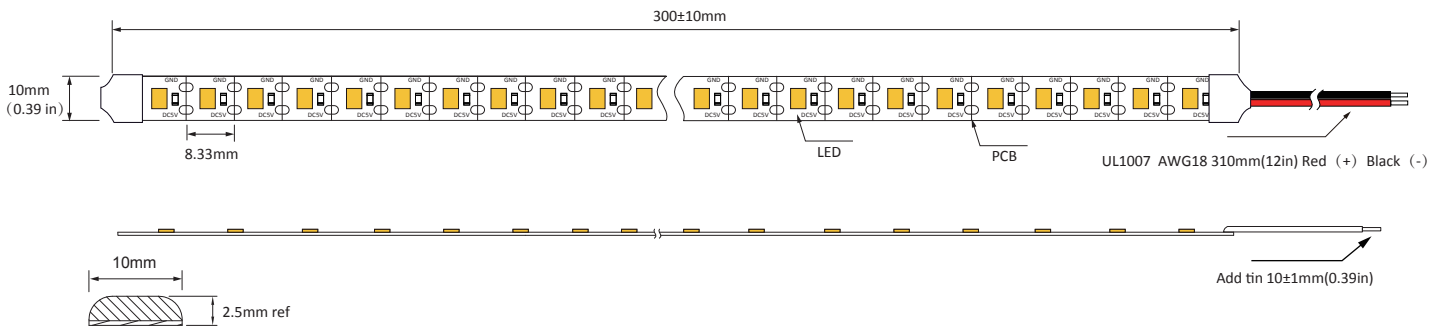
1. Luminous flux plus or minus 10% is allowed in the floating.
2. Maximum length current attenuation 15%.
3. Photometric standards are based on CIE eye sensitivity curve diagram test.



Schematic diagram:

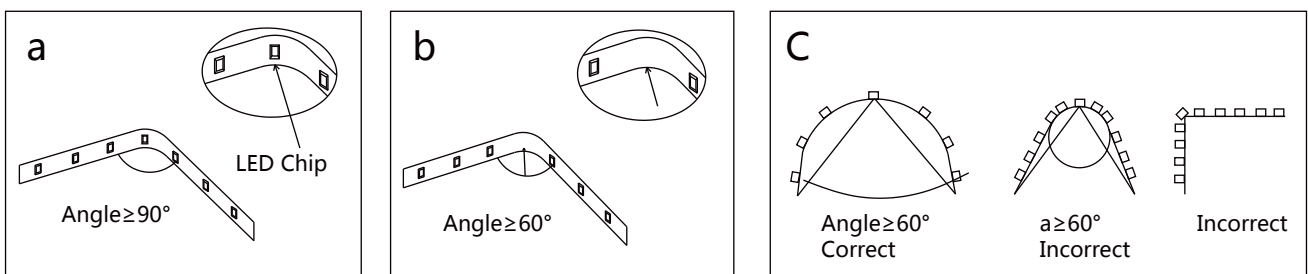


Product size chart:



- 1.UNIT:MM(IN)
- 2.COLOR:WHITE
3. 3M 9495 double-sided tape on the back

Installation Instructions:



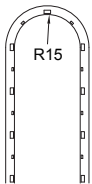
a: use an angle greater or equal to 90 degrees when there is an LED chip on the corner while placing the strip in a concave position (Angle≥90degree)

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≥60degree)

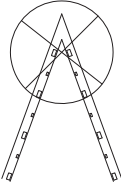
c:use an angle greater or equal to 60 degrees when there is an LED chip on the corner while placing the strip in a concave position (Angle≥60degree) In the convex position the angle should not reach 90 degrees .See above diagram.



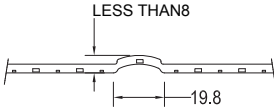
Maximum Flexibility Precaution



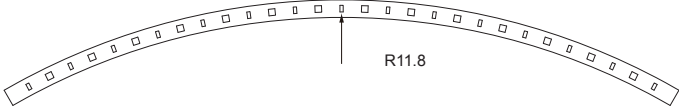
NOTE: DO NOT BEND TO A RADIUS OF LESS THAN 0.59 INCH



NOTE: SHARP BENDING ISN'T ALLOWABLE



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

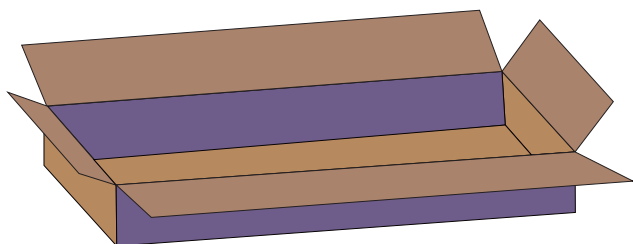


NOTE: DO NOT HORIZONTAL BEND TO A RADIUS OF LESS THAN 18 INCH



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

Product packaging



Model	Part number	box(pcs)	Net Weight/box	Gross Weight/box
1	AB-FC005KK-07912-XA1-12S	100pcs		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[American Bright LED:](#)

[AB-FC00565-07912-8A1-12S](#) [AB-FC00550-07912-8A1-12S](#) [AB-FC00530-07912-8A1-12S](#) [AB-FC00506-07912-XA2-12S](#) [AB-FC00540-07912-8A1-12S](#) [AB-FC005BL-07912-XA1-12S](#)