



AB-FZAVVKK-19712-XA2

Features:

- UL listed
- IP20 waterproof rating
- Top emitting, wide viewing angle 120°
- Environment temperature -40°C~45°C
- Operating temperature -40°C~85°C
- Storage temperature -40°C~85°C
- Environment humidity 40-70%RH

Application:

- Conference/meeting rooms
- Hospitals
- Commercial/ residential buildings
- ReEntertaining lighting
- Hotels

Product performance parameter:

Serial number	Part Number	Color	CRI/nm	QTY/M (39.3in)	Luminous per meter	lm/w	working voltage (12/24V)/IF(A)	Rated power (W/M)
1	AB-FZA012KK-19712-XA2	2700-6500K	Ra > 80	60LED	475lm	95lm	12V/0.41A	5.0
2	AB-FZA01206-19712-XA2	Red	620-630nm	60LED	72lm	19/W	12V/0.32A	3.8
		Green	520-530nm		180lm	60/W	12V/0.30A	3.6
		Blue	455-465nm		54lm	15/W	12V/0.30A	3.6
3	AB-FZA024KK-19712-XA2	2700-6500K	Ra > 80	60LED	475lm	95lm	24V/0.21A	5.0
4	AB-FZA02406-19712-XA2	Red	620-630nm	60LED	72lm	19/W	24V/0.16A	3.8
		Green	520-530nm		180lm	60/W	24V/0.15A	3.6
		Blue	455-465nm		54lm	15/W	24V/0.15A	3.6

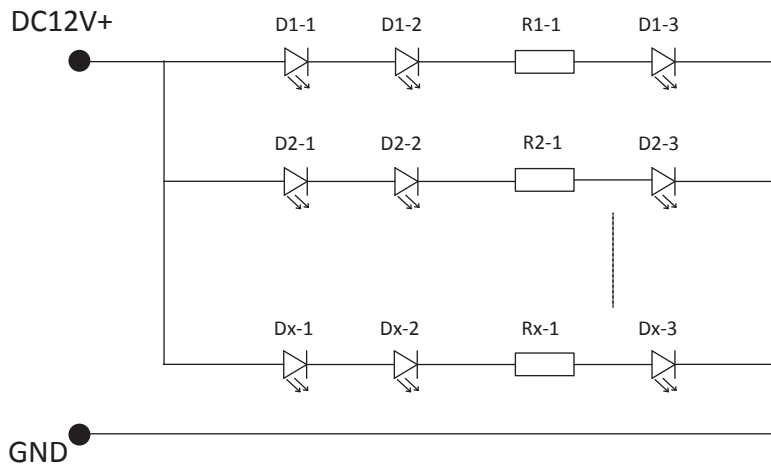
Notes :

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.

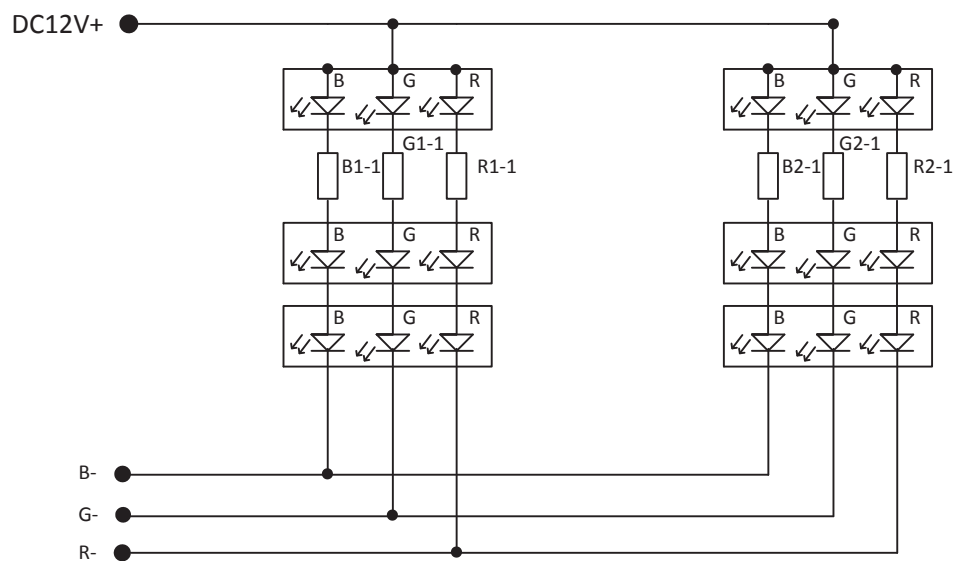


Schematic diagram:

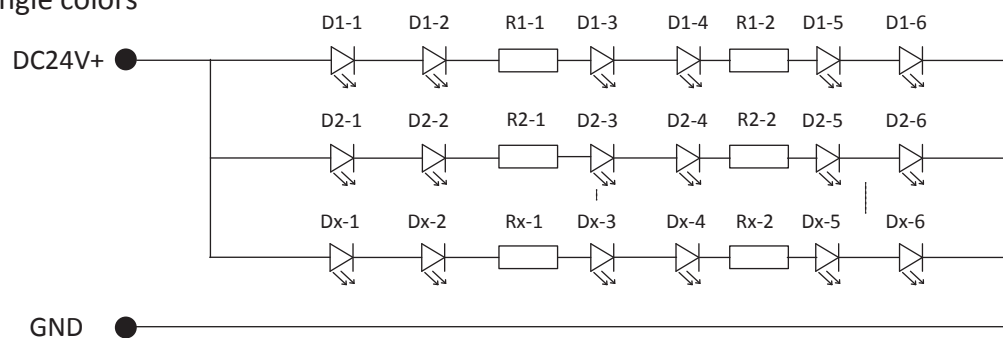
Single colors



RGB

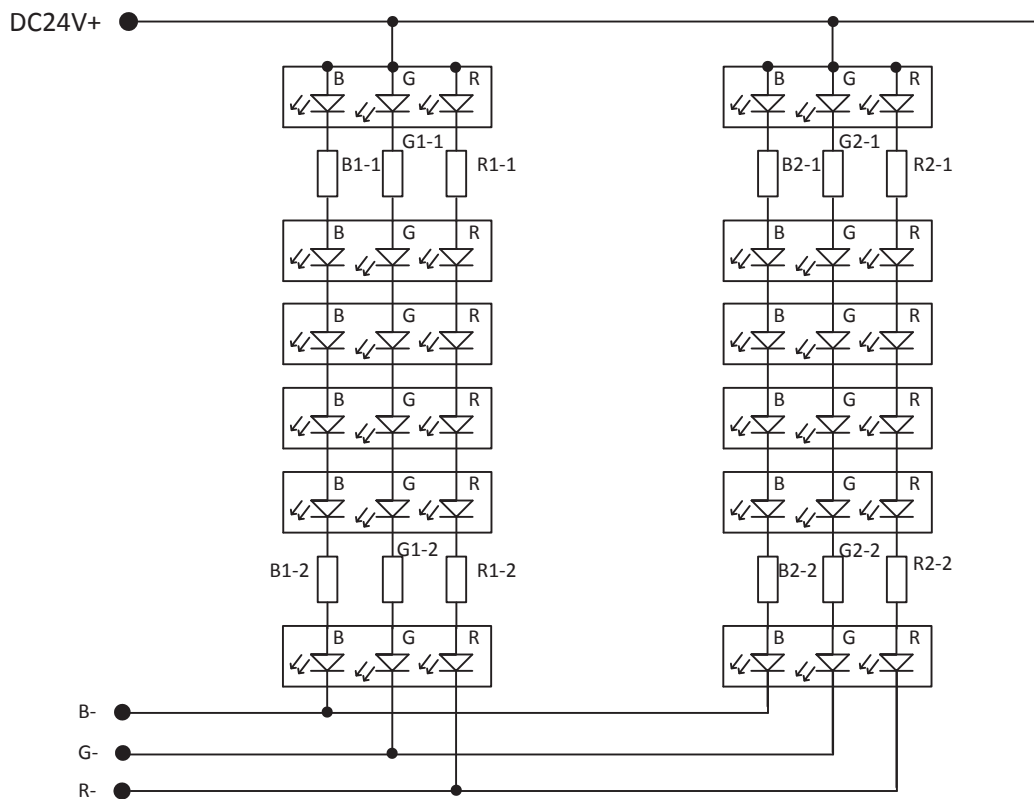


Single colors





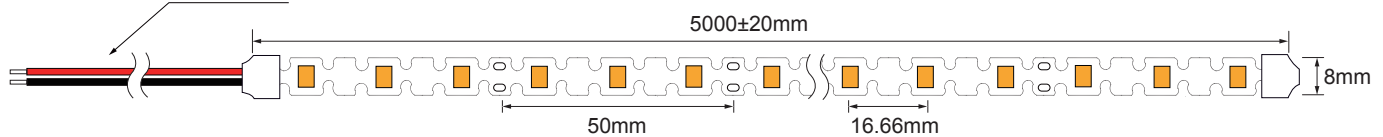
RGB



Product size chart:

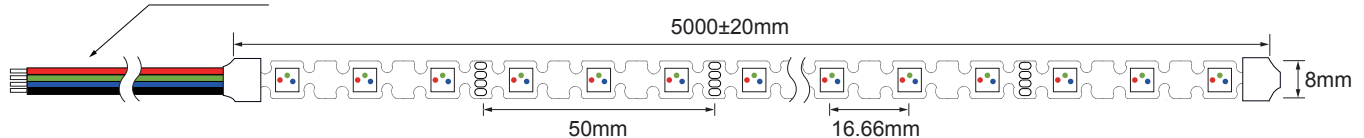
AB-FZA012KK-19712-XA2

UL 1007 AWG 20 length:310mm(12in)Red(+) Black(-)



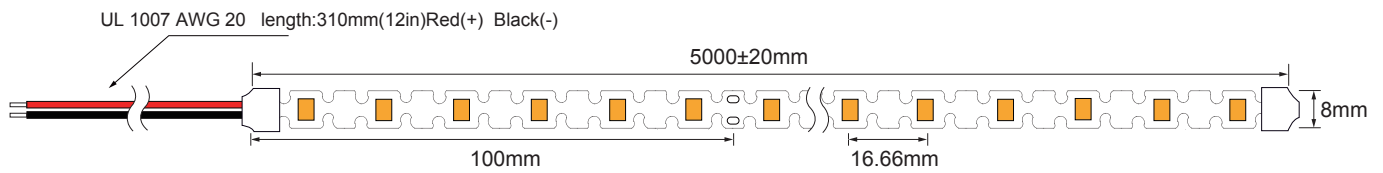
AB-FZA01206-19712-XA2

UL 1007 AWG 22 length:310mm(12in)Black(+) Green(-) Red(-) Blue(-)

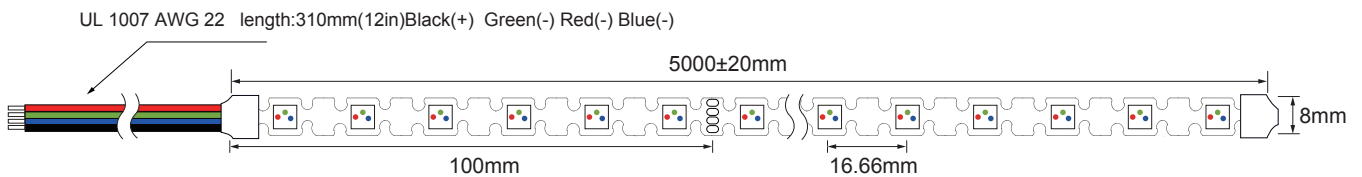




AB-FZA024KK-19712-XA2

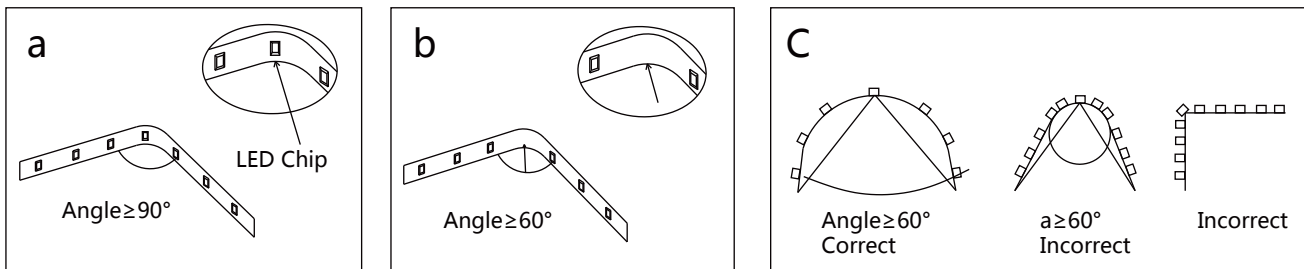


AB-FZA02406-19712-XA2



1. UNIT:MM
2. COLOR:WHITE
3. PCB: Double-layered FPCB: 1 front + 1 back: 2-layer Cu (1oz + 1oz) --- $0.25 \pm 0.05\text{mm}$
4. 3M 9495 double-sided tape on the back
5. FPCBA surface coating

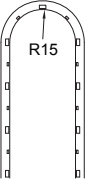
LED Strip Installation



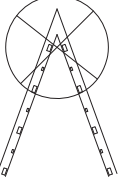
- a: use an angle greater or equal to 90 degrees when there is an LED chip on the corner while placing the strip in a concave position (Angle $\geq$ 90degree)
- b: use an angle greater or equal to 60 degrees when there is an LED chip on the corner while placing the strip in a concave position (Angle $\geq$ 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.



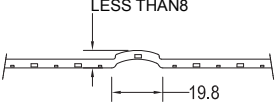
Maximum Flexibility Precaution



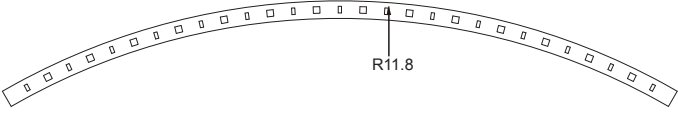
NOTE: DO NOT BEND TO A RADIUS OF LESS THAN 0.59 INCH



NOTE: SHARP BENDING ISN'T ALLOWABLE



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

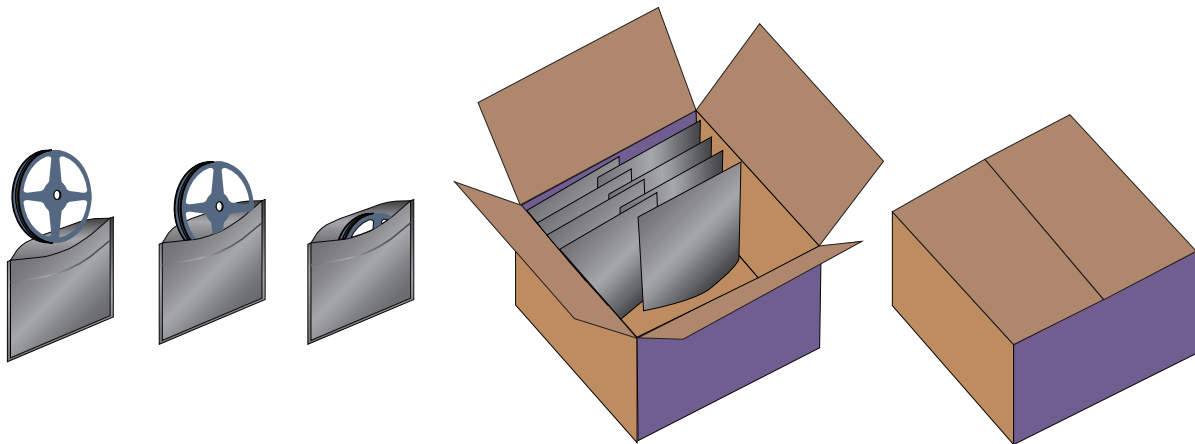


NOTE: DO NOT HORIZONTAL BEND TO A RADIUS OF LESS THAN 18 INCH



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

Product packaging



Model	Part number	box(pcs)	Net Weight/box	Gross Weight/box
1	AB-FZAVVVKK-19712-XA2	20		