

Powered by high output SMD3030.
Connected by plugs. Easy in installation.
Available in multiple length.
Each led is cut-table.



Features >

- Powered by high output SMD3030.
- Connected by plugs. Easy in installation.
- Available in multiple length.
- Each led is cut-table.
- CE, RoHS and UL certified.

Application >

- Apply to 4-15cm depth single-sided light box, stretch ceiling, etc.

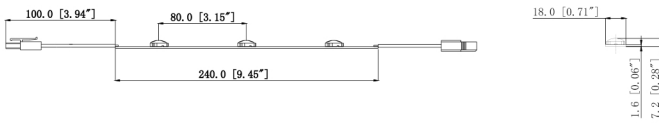
Parameters

Items	Parameters	Parameters	Parameters	Parameters
Part Number	YF03LA1-W02	YF06LA1-W02	YF09LA1-W02	YF12LA1-W02
CCT (K)	6500-8000K	6500-8000K	6500-8000K	6500-8000K
Beaming Angle (°)	170°	170°	170°	170°
CRI (Ra)	≥75	≥75	≥75	≥75
Luminous Flux (lm)	250	515	750	1010
Voltage (V)	DC12V	DC12V	DC12V	DC12V
Power (W)	3	6	9	12
LED Type	3030 LED	3030 LED	3030 LED	3030 LED
LED Qty(pcs)	3	6	9	12
Driving Method	Constant voltage	Constant voltage	Constant voltage	Constant voltage
Dimension (mm)	240*18*7	480*18*7	720*18*7	960*18*7
Working Tem. (°C)	-25 ~ +60	-25 ~ +60	-25 ~ +60	-25 ~ +60
Storage Tem. (°C)	-25 ~ +70	-25 ~ +70	-25 ~ +70	-25 ~ +70
Protection Grade	IP20	IP20	IP20	IP20

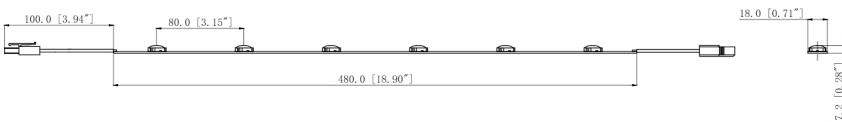
Dimension

Unit:mm

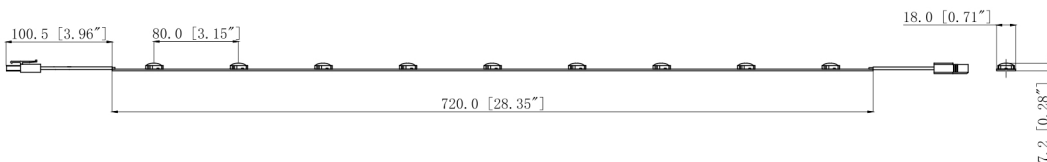
YF03LA1



YF06LA1



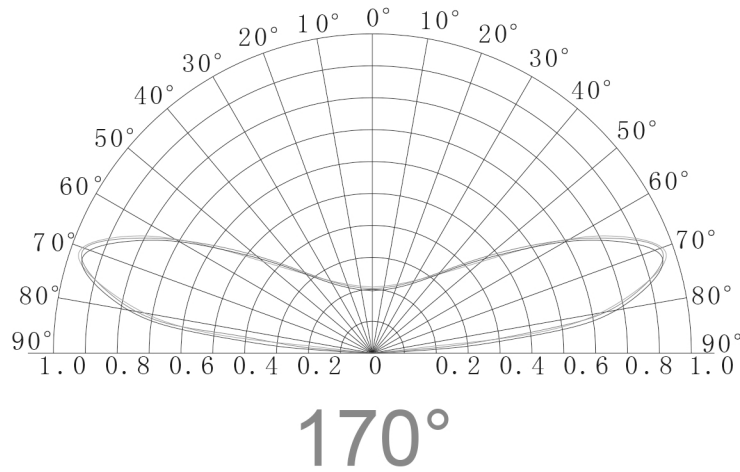
YF09LA1



YF12LA1



Beaming Angle >



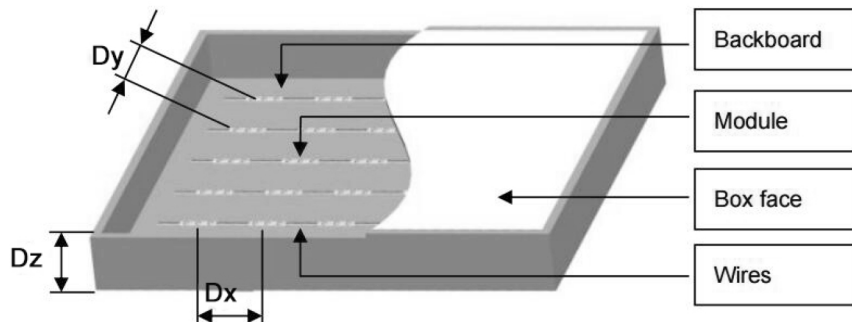
Reference Scheme >

YF12LA1

Depth(mm)	Distance(mm)	Density(pcs/m ²)	Illumination(lux)	Illumination Effect	Power/ M ²
Dz=60	Dx=140 Dy=140	7	5090-5380	Uniform illumination	84
Dz=80	Dx=140 Dy=140	7	4752-5090	Uniform illumination	84
Dz=100	Dx=140 Dy=140	7	4380-4710	Uniform illumination	84
Dz=120	Dx=140 Dy=140	7	4080-4300	Uniform illumination	84
Dz=150	Dx=140 Dy=140	7	3830-4050	Uniform illumination	84

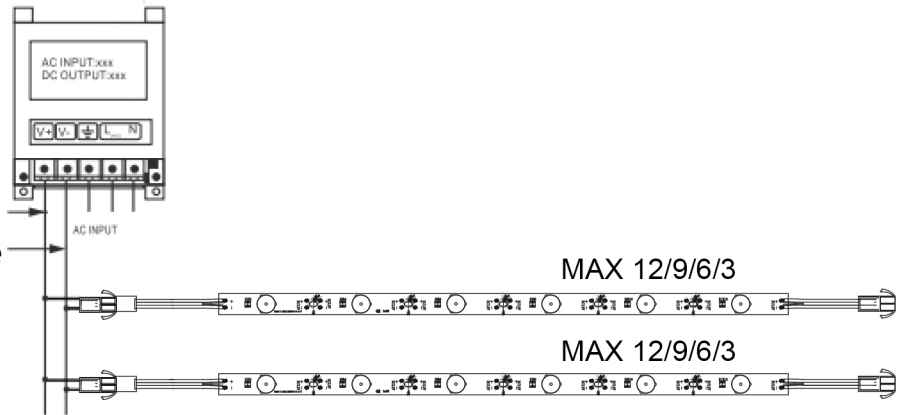
Remark:

- The transmittance of the advertising fabric was 32%.
- The above data is for reference only.

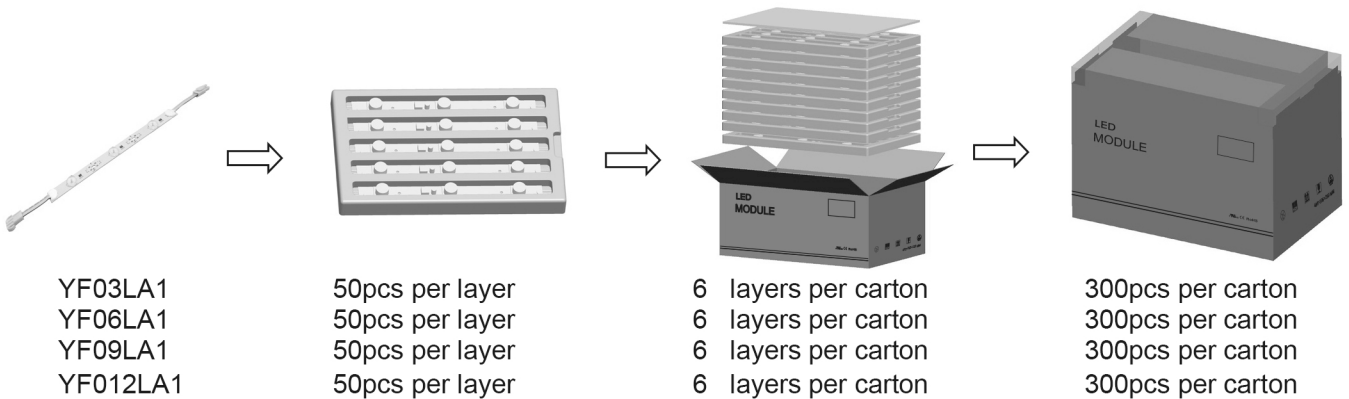


Wire Connection >

White&Red wire to positive
White&Black wire to negative



Packing >



Packing Specification >

- Packed in plastic tray.
- Packing information

Part Number	YF03LA1	YF06LA1	YF09LA1	YF12LA1
Carton dimension(mm)	460*380*155	690*380*155	980*380*155	1180*380*155
Plates per carton	6	6	6	6
Quantity per carton(pcs)	300	300	300	300
Net Weight(kg)	7(1±10%)	11.8(1±10%)	16.7(1±10%)	21.2(1±10%)
Gross Weight(kg)	8.1(1±10%)	12.8(1±10%)	17.9(1±10%)	22.5(1±10%)

- Due to the packing manner difference, please adhere to the original products in case of discrepancy found between the picture and actual product.

Instructions



- When installing the product, please switch off the power.
- Please use constant voltage power supply and leave 20% or more balance of its total power.
- Make isolation and corrosion prevention on all wiring points and wire ends.
- The maximum quantity for parallel connection is 8pcs for YF03LA1, 5 pcs for YF06LA1, 4pcs for YF09LA1, and 2pcs for YF12LA1. Please do not exceed these numbers.
- The products can be installed by screws, rivets as well as silicon gel, while please do not use Acidic or alkaline adhesive
- The high power LEDs generates more heat, so please install the products on the surface of material with good heat dissipation such as metallic or aluminium panel
- For single side light box, in order to get better and even lighting effect, you can put the products more closer to unilluminated back and attach white reflective poly sheet or sheet with similar function on the inner back.
- Fix with screws or fasteners is applicable.

Declaration



- Warranty: 5 years.
- In order to ensure the safety, broken wires need to be replaced by the manufacturer or the service agent, or by the staff with the similar qualification.
- The given data in the specification was based on the laboratory testing, there may be discrepancy found in the actual products.
- The given drawings in the specification are only for reference, there may be discrepancy found in the actual products.
- The products are subject to change without prior notification.



RoHS