

NEEQ CODE: 872658
SIGNS HAVE NEVER BEEN SO EASY



SIDELIT EXTEND LED BARS

Applicable For 6CM Depth Double-sided Light Box

IP65
Updated Model



YF12GD3

Features

- Powered by high output 3030 LED.
- Constant current.
- Classical 15x45° optic lens.
- Easy to connect between modules with silicone connectors.
- CE, RoHS, UL, TUV, BIS, CB and LM-80 certified.
- When using for 6cm depth light boxes, customized length is recommended.

Application

- Light coverage: up to 1M.
- Apply to 6–12 cm depth double-sided light box at airports, metros, banks, buildings and shopping malls, etc.

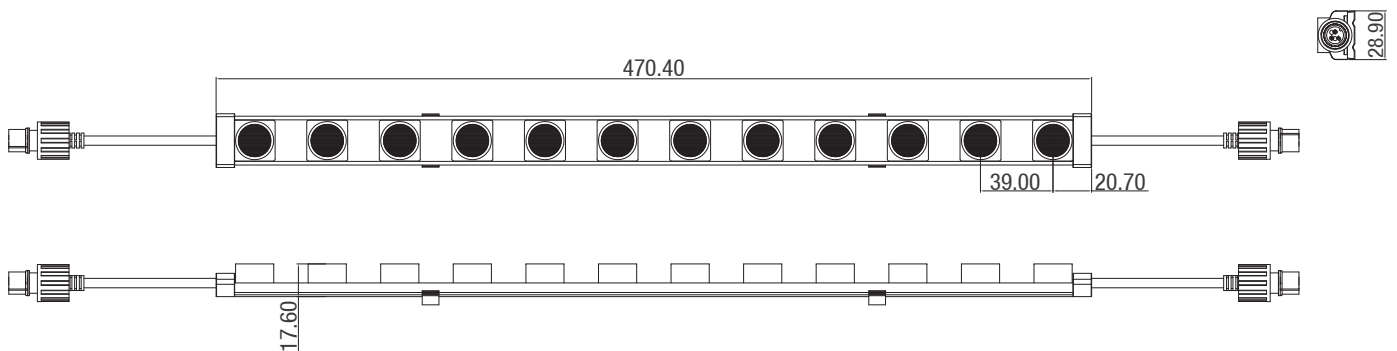


Parameters

Items	Parameters
Part Number	YF12GD3
Temperature (K)	6500–7000K
Luminous Angle	15°45°
CRI (RA)	≥70
Luminous Flux (lm)	750
Voltage (V)	DC24
Power (W)	9
Driving Method	Triode Constant Current
Dimension (mm)	470.4*28.9*17.6
Working Tem (°C)	-25 ~ +60
Storage Tem (°C)	-25 ~ +70
Protection Grade	IP65
Standard Cascade	8
Efficiency (lm/w)	85

Dimension

Unit: mm

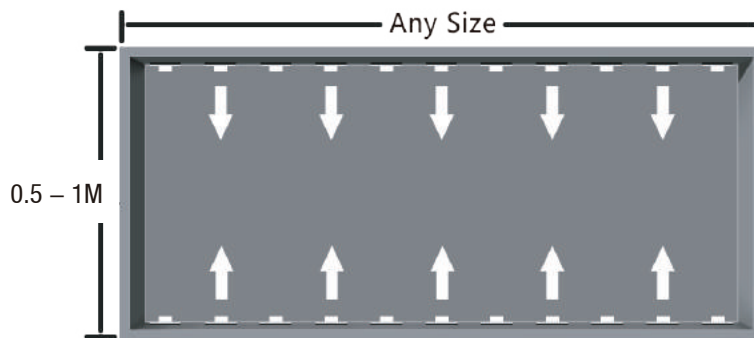


Reference Scheme

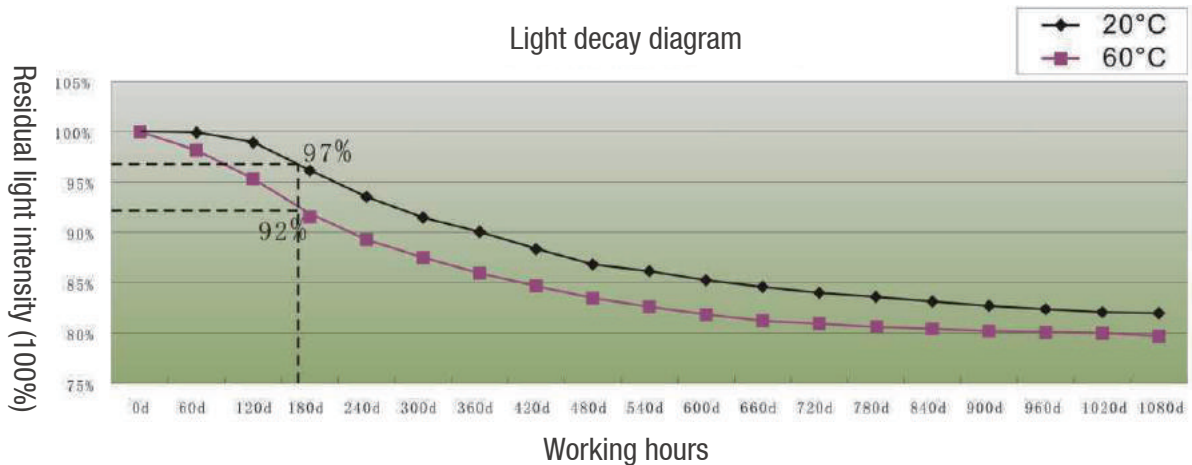
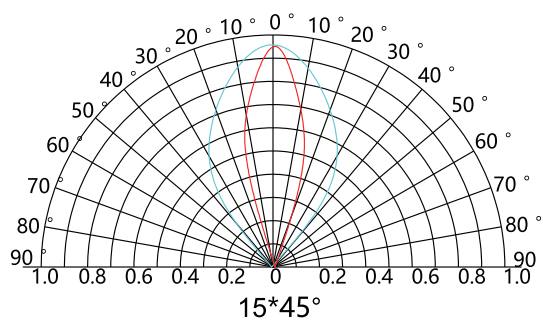
Depth of Light Box(MM)	Width or Height of Light box(MM)	Distance between LEDs(MM)	Density(pcs/m ²)	Illumination(lux)	Power/M ²	Splice or not
Dz=60	1000	40	4	1000-1400	36	Custom length
Dz=80	1000	40	4	1100-1250	36	Yes
Dz=100	1000	40	4	1100-1180	36	Yes
Dz=120	1000	40	4	1050-1100	36	Yes

Remark

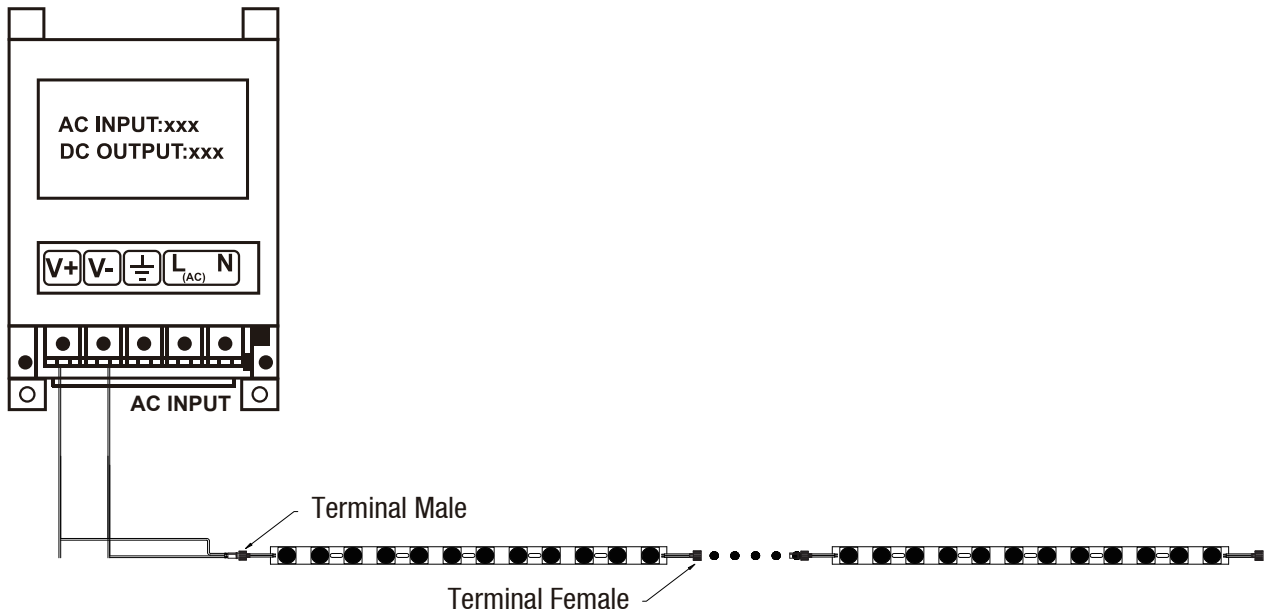
- 01. The transmittance of the advertising fabric was 56%.
- 02. The above data is for reference only.



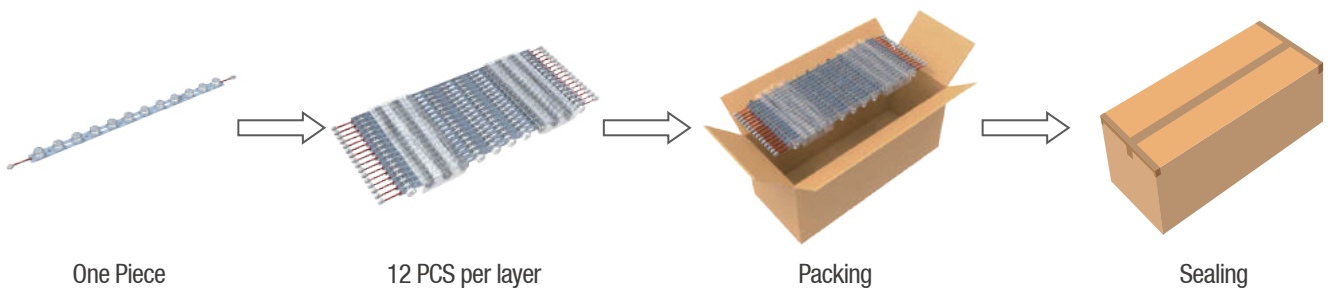
Beaming Angle & Light Decay Diagram



Wire Connection



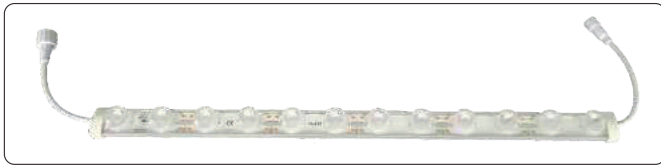
Packing information



Items	Parameters
Part Number	YF12GD3-W02
Carton Dimension(MM)	640*242*310
Layers Per Carton	6
Quantity Per Carton(PCS)	72
Net weight (KG)	13.56
Gross weight (KG)	14.56

Given the packing manner difference, the actual packing information is subject to that for the real products.

Product components



Rigid bar

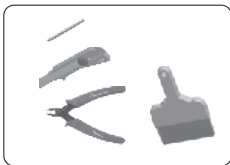


Metal clips
(1 rigid bar comes standard with 2 mounting clips)



Waterproof connectors
(5 rigid bars comes standard with 1 waterproof connector)

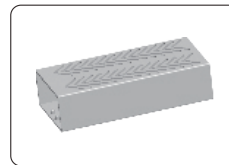
Self-provided tools & material



Dust removal brush, art knife, pencil
Scissors and electric drills

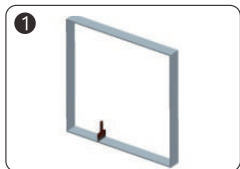


Screws

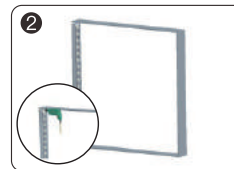


Power Supply

Installation Guidance



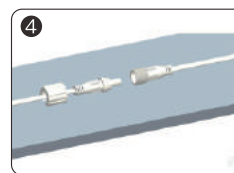
- Clean inside the light box.



- Adjust modules to the optimal position and secure with screws.



- Drill holes at appropriate locations for the power cord.
- ⚠ Note: Use appropriate force when drilling. Too much force may cause breakage of the light box panel.



- When the light bar needs to be connected in series, simply connect the male and female ends of the light bar together.



- Put in the power cord and connect the power supply head to the male head of the light bar.
- ⚠ Note: Good wire fixing and wire protection at the wire crossing hole.

Instructions

01. Disassembling or modifying the product is forbidden.
02. Installation with power on is forbidden.
03. Any organic solvent chemical is forbidden.
04. Isolation and corrosion prevention on all wiring points and wire ends.
05. Make sure the power wire is big enough and ensure the voltage and connection are all correct before power on.
06. Installation, maintenance should be done by professional staff.
07. If the power line at the power supply end of the lamp bar needs to be extended, a wire with 18AWG(conductor section is 0.75 square mm) or thicker core should be used to avoid adverse consequences caused by excessive heat caused by excessive current of the wire.
08. It should be closed in an open environment after the glass adhesive has cured for 4 hours.
09. When connecting products in series it's strictly prohibited connect them in a standard cascade.
10. When installing and fixing products,screws must match screw hole size of product;it's strictly prohibited using large-size screws for forceful fixing.
11. When standard expansion lamp strips are connected in series,the length of power cable between power supply and lamp strip cannot exceed two meters; otherwise,line loss increases,resulting in inconsistent brightness at beginning and end.
12. This product is only used inside light boxes or signs; direct exposure outdoors or semi-outdoors is strictly prohibited.



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