

Features

- 1. Seamless connection design for easier installation
- 2. Multiple specification available, support customization

Application

Suitable for outdoor lighting, shelves, billboards, props, etc.

Installation

Fixed by clips or magnet



Specification

Model No.	Light Color	Color Temperature (K/nm)	Beam Angle	Typical Luminous Flux value(lm/pcs)	Ra	Efficacy (lm/W)	Voltage (V DC)	Power (W/pcs)
CG2-B-0584	W	3000-3500	120°	345	80+	60	24	5.8

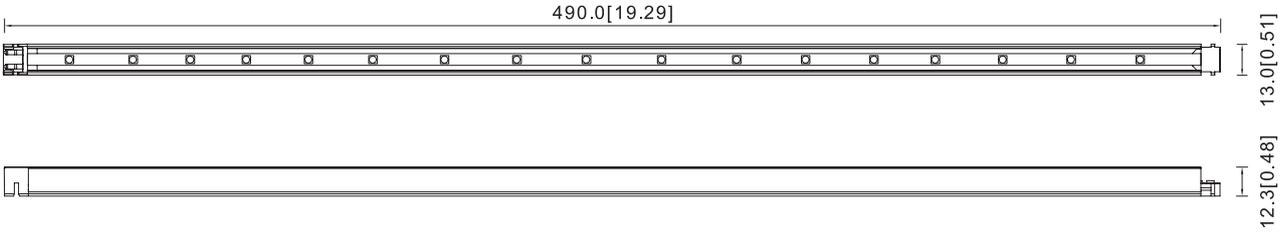
Other Parameters

Model No.	LED Quantity/pc	Product Size L*W*H(mm)	Standard Packing Quantity(pcs)	Working Temperature	Storage Temperature
CG2-B-0584	84	490*13*12.3	8	-20~+60°C	-20~+70°C

- NOTE:
1. Testing temperature: 25±2
 2. The above data is typical values. The actual data of each single product may differ from the typical values. The data is subject to change without notice.
 3. Luminous flux is tested when lighting on single color.
 4. Different color temperature will make luminous flux different
 5. Luminous flux & power tolerance within ±10%

Profile Drawings

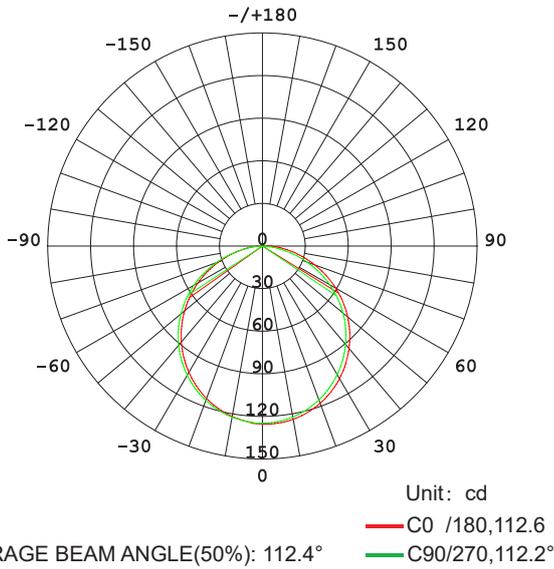
Unit:mm[inch]



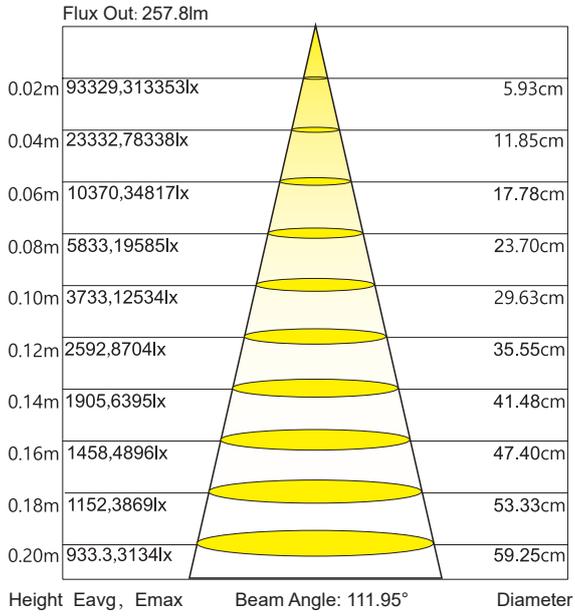
NOTE: for detailed drawing, please consult sales rep.



Luminous Intensity Distribution Diagram



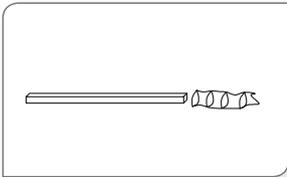
Average Illumination



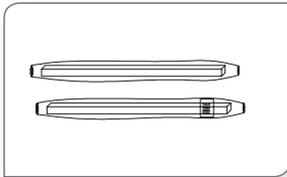
NOTE:
The above two figures are tested with the sample CG2-B-0584, for other data, please consult sales rep.



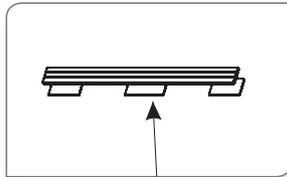
packing



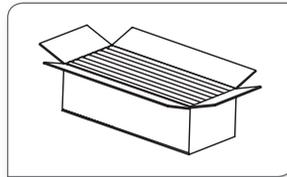
Put the product into PE bag.



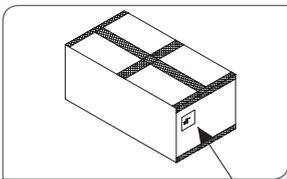
Seal the bag in two ends, and label it.



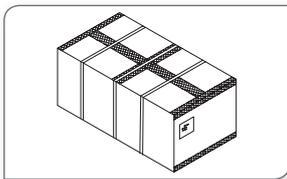
Separate the product layer by layer with foam



Put the product into carton box.



Seal and label the box.



Use packing belt to pack. Add edge protectors if necessary.

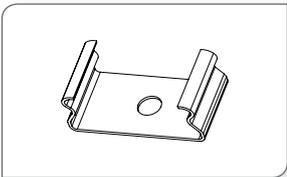
Packaging information

Model No.	Product Size L*W*H(mm)	Carton Size(mm)	pcs/carton	Net Weight(kg)	Gross Weight(kg)
CG2-B-0584	490*13*12.3	555*295*275	150	14.20(1±10%)	15.60(1±10%)

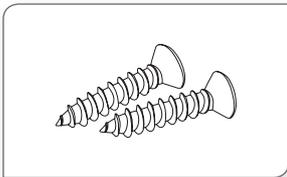
Note: The above quantity and weight are only for the illustrated packaging method. There will be differences in the quantity and weight with other packaging methods.

Installation

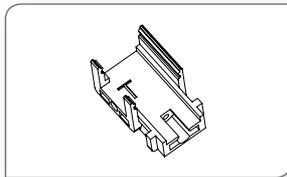
Products and Tools



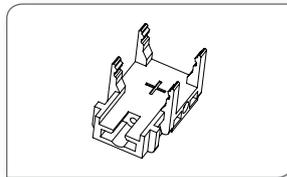
Clip



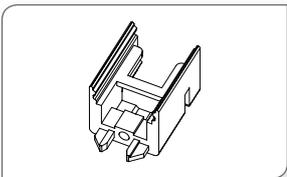
Screw



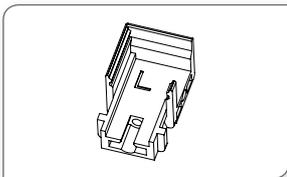
T connector



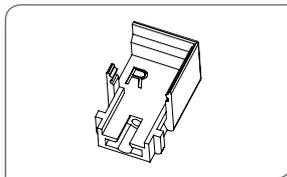
Cross connector A



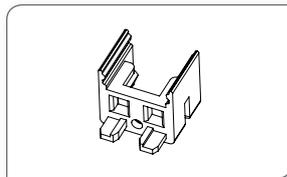
Cross connector B



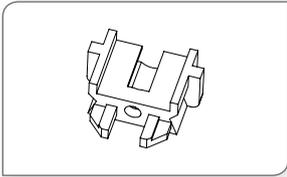
Left connector



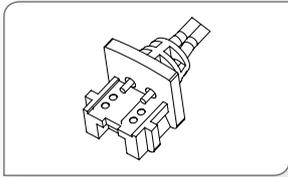
Right connector



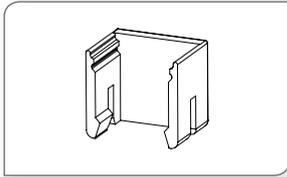
Straight connector



Straight connector B

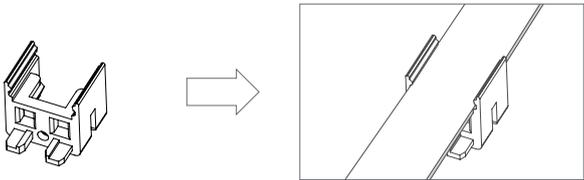
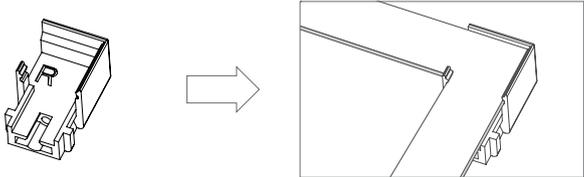
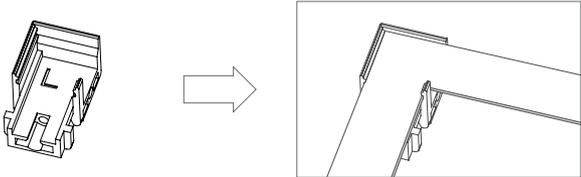
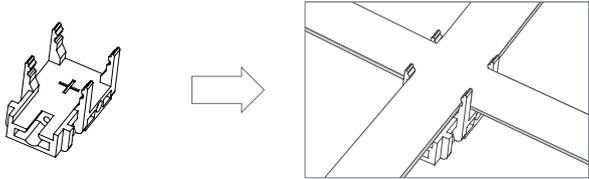
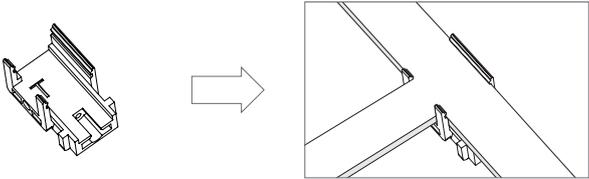


Outlet cap



End cap cover

Connection Diagram



Common Faults and Troubleshoot

Quick Guide		
Problems	Reasons	Solutions
All LEDs can not light on.	No electric supply.	Power on
	Automatic power protection from the open or short circuit in output of the power supply.	Fix the short circuit problem.
	Wrong connection of power supply.	
LEDs can not light on partly.	Some switching mode power supplies are not powered.	Check the power supply system to fix it.
	Power supply line error.	
	Mistaken wire connection of some of products	Correctly connection
Brightness of LED is inconsistent or insufficient.	Power overloaded.	Replace with more powerful power
	Power supply circuit excessive consumption.	Make sure the working voltage of the product within $\pm 5\%$ of standard voltage, or keep balance by circuit power consumption.
	Excessive quantities in series connection of the product	Reduce the quantities of the product in series connection to meet requirement.
LED flicker.	Connection point fault.	Remove bad connection point.
	Switching power supply failure.	Replace a new power supply.
	Wrong Installation or use of products	Please follow the instructions

Warning

- Do not disassemble or retrofit the light. Do not touch the surface of the light with a sharp object.
- Do not do live-line working during installation, especially for high voltage product.
- Do not use any organic chemical solvents.
- Use neutral glass adhesive to fix this product and it needs to be dried 4 hours in the open environment after operation.
- Treat the ends and the circuit connection points that are not connected to the main line with insulation, waterproof, and anti-corrosion in the installation.
- Use 18AWG (0.75mm² cross-sectional area) or thicker core wire to avoid adverse consequences caused by overheating, if the power cable need to lengthen.
- Make sure the input voltage meets the requirements and lines are connected correctly before lighting on.
- This product is for signage, and do not use as general lighting.
- Series connection within the max run.
- The length of the power cable between the power supply and the led strip should not exceed 2 meters. Otherwise, large circuit loss will lead to inconsistent brightness.
- Installation, maintenance and repair should be operated by a qualified technician.

Statements and Recycling

Statements:

Repair should be operated by a qualified technician, if the external circuit or main line of this product is damaged.
The parameters given in this manual are typical values and for reference only.
All illustrations and drawings in this manual are for reference.
This product is subject to change without notice.

Recycling:

LED lighting products belongs to electronic products, please do recycling treatment according to the relevant WEEE directives.