BLUEVIEW
Better Light Better View

| 2016 | 24V | IP60 | 120° | 3Years |

6500K
3500K
3000K
3000K

R
G
B
Y
O
Pur

patented product

ZL202121128808.X

Features

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

Application

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

Installation

Fixed by clips or magnet

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Specification

Model No.	Light Color	Color Temperature	Beam Angle	Typical Luminous Flux value(lm/pcs)	Ra	Efficacy (lm/W)	Voltage (V DC)	Power (W/pcs)
CG2-B-0584	W	3000-6500K	120°	426	95+	65	24	6.6

Other Parameters

Model No.	LED Quantity/pc	Product Size L*W*H(mm)	standard run(pcs)	Working Temperature	Storage Temperature
CG2-B-0584	84	512*13*12.3	8	-20~+60℃	-20~+70℃

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%
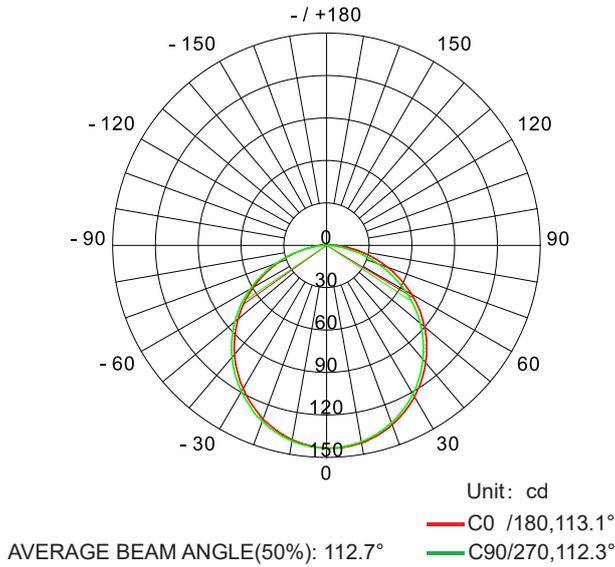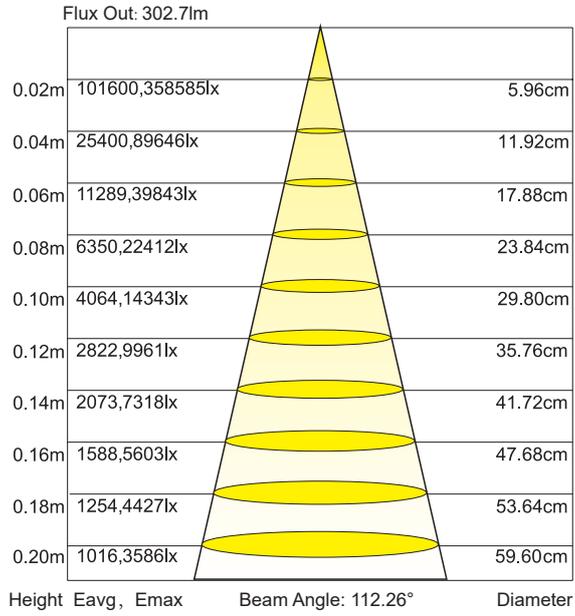
Profile Drawings

Unit:mm[inch]

512.0[20.16]

13.0[0.51]

12.3[0.48]
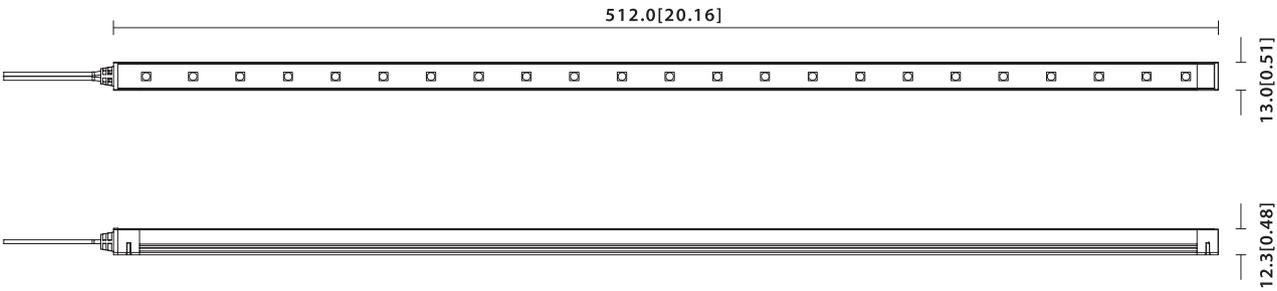
NOTE: for detailed drawing, please consult sales rep.

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Luminous Intensity Distribution Diagram

- / +180

- 150   150

- 120   120

- 90   90

0
30
60
90
120
150
0

- 60   60

- 30   30

Unit：cd

━━ C0 /180,113.1°

AVERAGE BEAM ANGLE(50%): 112.7°   ━━ C90/270,112.3°

Average Illumination

Flux Out: 302.7lm

Height	Eavg，Emax	Beam Angle: 112.26°	Diameter
0.02m	101600,358585lx		5.96cm
0.04m	25400,89646lx		11.92cm
0.06m	11289,39843lx		17.88cm
0.08m	6350,22412lx		23.84cm
0.10m	4064,14343lx		29.80cm
0.12m	2822,9961lx		35.76cm
0.14m	2073,7318lx		41.72cm
0.16m	1588,5603lx		47.68cm
0.18m	1254,4427lx		53.64cm
0.20m	1016,3586lx		59.60cm

NOTE:

The above two figures are tested with the sample CG2-B-0584, for other data, please consult sales rep.
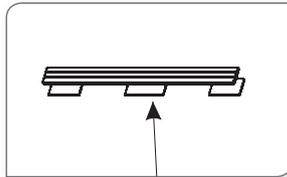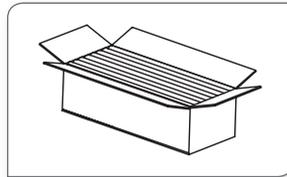
PAGE 3

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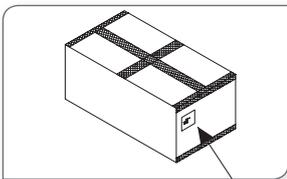Better Light Better View
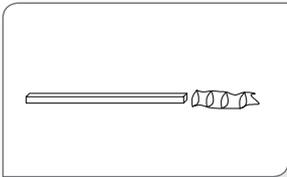
packing

Put the product into PE bag.
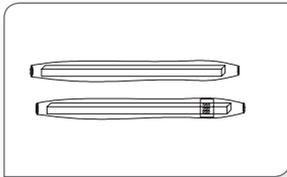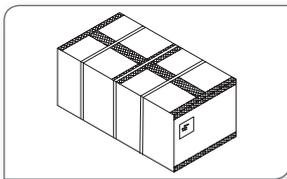
Seal the bag in two ends,and label it.

Separate the product layer by layer with foam

Put the product into carton box.

Seal and label the box.

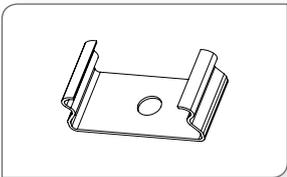Use packing belt to pack. Add edge protectors if necessary.

Packaging information

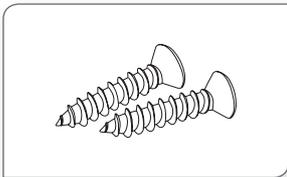| Model No.	Product Size L*W*H(mm)	Carton Size(mm)	pcs/carton	Net Weight(kg)	Gross Weight(kg)
CG2-B-0584	512*13*12.3	555*295*275	150	14.20(1±10%)	15.60(1±10%)

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.
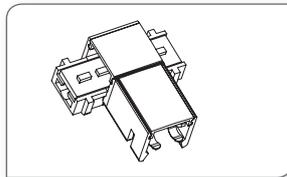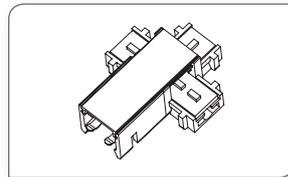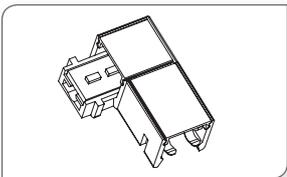
Installation
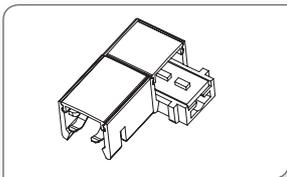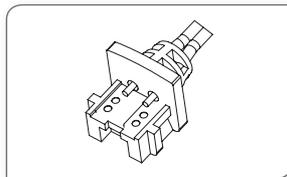
Products and Tools

Clip

Screw

T connector

Cross connector A

Left connector

Right connector

Front cap

End cap

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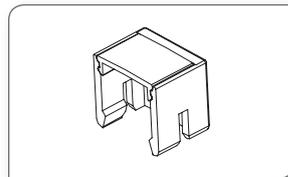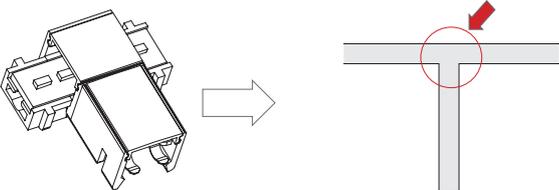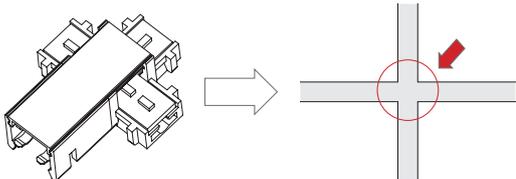
Connection Diagram

T Connector

Cross Connection

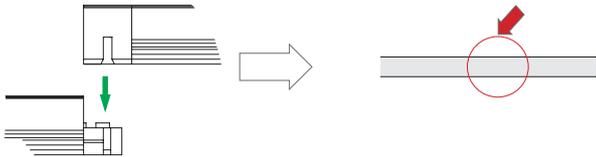
L Connector (left)
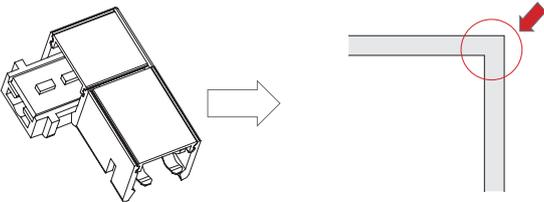
L Connector (right)

Straight Connection

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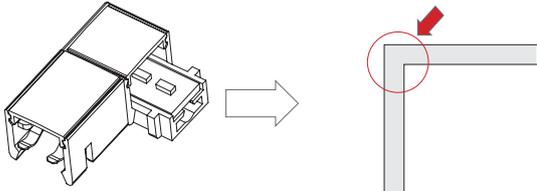
Attentions before installation

Before installation, check that the product parameters are consistent with the requirements (Seeing product specifications or product labels)
Load voltage, current, power and power supply should be matched with the product.
Follow the instructions of wiring diagram (first connect the load and then the power supply) to avoid short circuit.
Make sure the correct connection of positive and negative poles between products and power supply. Otherwise, the light will not be on.
Make sure the power cord firmly screwed into the terminal and it should not be pulled out by hands.
The terminal should have insulation,waterproof and anti-corrosive treatment.
After installation, the fabric light box must be covered with cloth within 48 hours. Please avoid leaving the light box idle for a long time.

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 tor insufficient.	Power overloaded.	Replace with more powerful power
	Power supply circuit excessive consumption.	Make sure the working voltage of the product within ±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.

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