

Color

## Features

1. Average efficacy over 150Lm/W;
2. Constant current for uniform brightness
3. Short LED pitch to 25mm [0.98"]
4. Input voltage 30V-36V DC

## Application

Backlight, outline, decorative and landscape lighting.

### BLUEVIEW ELEC-OPTIC TECH CO.,LTD

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Zip code: 610207

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## Specification

Model No.	Color Temperature (K)	Beam Angle	Ra	Current(A/m)	Luminous Flux (lm/m)	Efficacy (Lm/W)	Voltage (V)	Power (W/pcs)
CC-G2835-160-36	3000	120	≥ 80	0.4	1930	152	31.68	12.67
				0.6	2850	148	32.00	19.19
				0.83	3862	143	32.24	26.87
				0.92	4212	142	32.38	29.67
	3500	120	≥ 80	0.4	2001	156	32.00	12.82
				0.6	2456	152	32.33	19.40
				0.83	4008	147	32.66	27.22
				0.92	4374	145	32.80	20.07
	4000	120	≥ 80	0.4	2083	163	31.93	12.77
				0.6	3084	159	32.32	19.39
				0.83	4215	154	32.70	27.25
				0.92	4606	153	32.85	30.11
	5000	120	≥ 80	0.4	2043	157	32.49	12.99
				0.6	3022	154	32.66	19.59
				0.83	4109	150	32.79	27.33
				0.92	4490	148	32.97	30.23

★ This product has no resistance and varistor, please pay attention to it. The maximum current per meter is no more than 1A;

## Other Parameters

Model No.	Quantity (pcs/bar)	Product Size (mm)	Standard Series Connection (mm)	Cutttable Length (mm)	Working Temperature	Storage Temperature
CC-G2835-160-36	160	5000*24	5000	25	-25~+60℃	-25~+70℃

### NOTE:

1. Test environment temperature : 25±2°C.
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 with the single color.
4. Different color temperature will make luminous flux different.
5. The relation between max run length and working current is the larger of the current, the shorter of the length.

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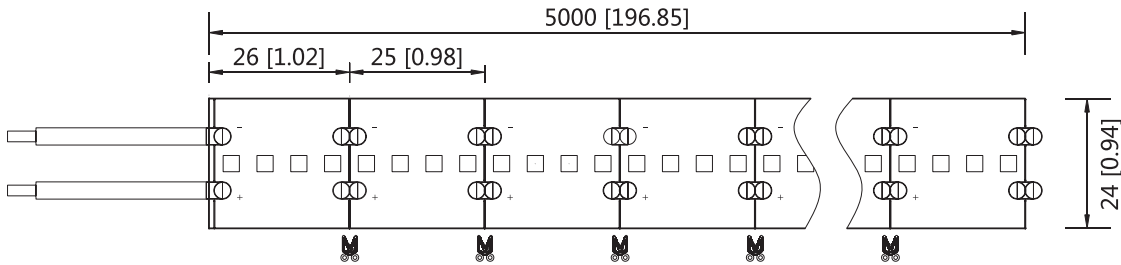
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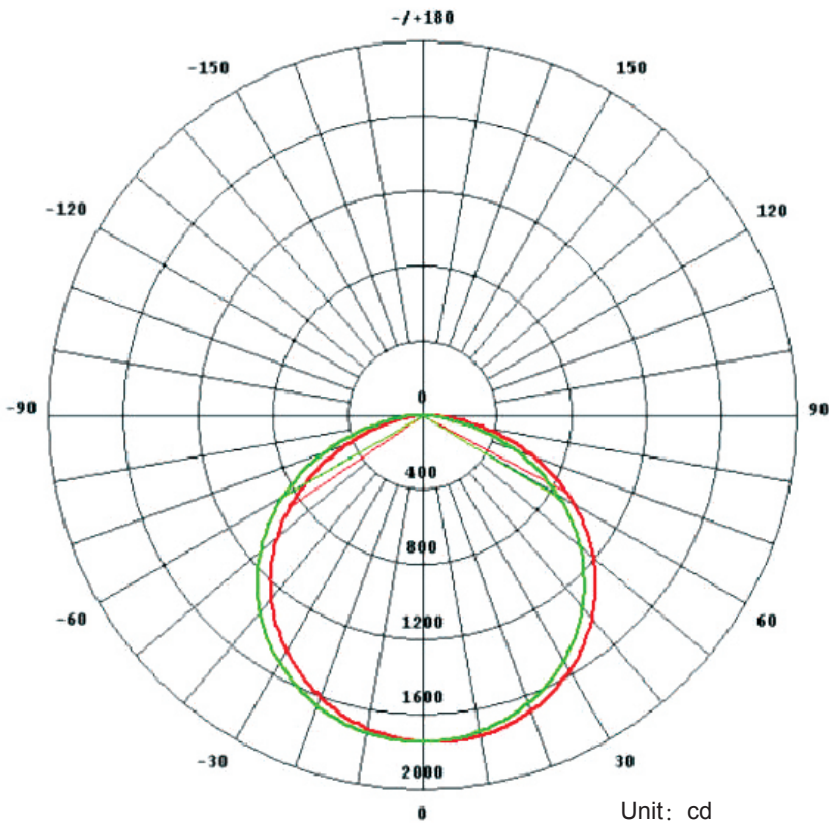


**Profile Drawing**

Unit:mm



**Luminous Intensity Distribution Diagram**



Unit: cd  
 — C0/180,117.3  
 — C90/270,118.3  
 AVERAGE BEAM ANGLE(50%): 117.8°

**BLUEVIEW ELEC-OPTIC TECH CO.,LTD**

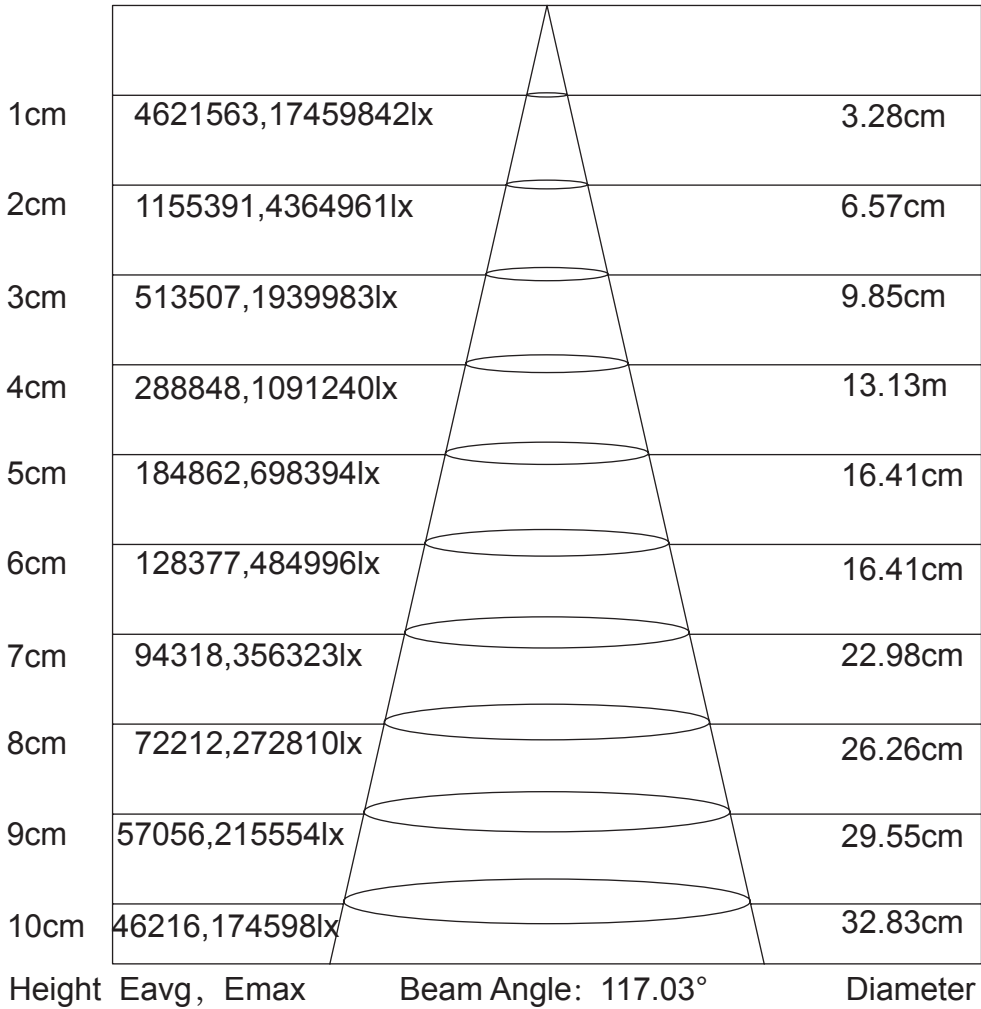
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**Average Illumination**

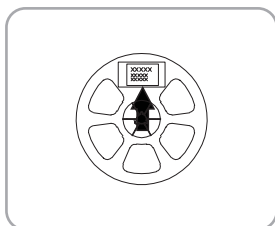
Luminous Flux output: 4022.0lm



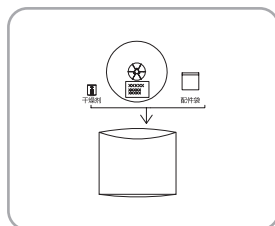
**Note:**

The test sample is based on 1.2m with 3000K. Please ask the sales for test data of other specifications.

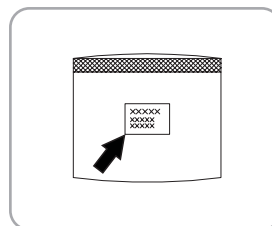
## Packaging



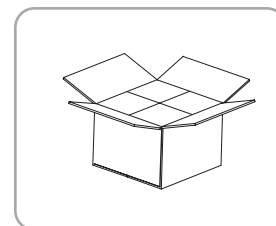
① Label the reel;



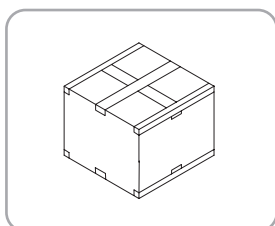
② Put reel, accessory bag and desiccant together into static shielding bag;



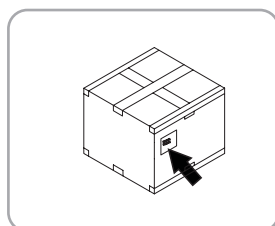
③ Seal and label the static shielding bag;



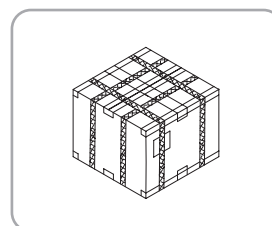
④ Put the packed static shielding bag into carton box;



⑤ Seal the carton box;



⑥ Label the box;



⑦ Use packing belt to pack. Add edge protectors if necessary.

## Packaging information

Model No.	Product Size (mm)	Carton Size (mm)	Meter/Reel	Meter/Reel	Net Weight(kg)	Gross Weight(kg)
CC-G2835-160-36	5000*24	550*400*340	5	50	8.2(1±10%)	13.5(1±10%)

### Note:

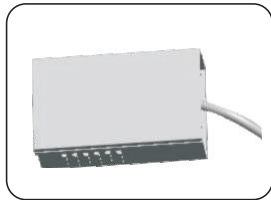
1. One reel packed in a static shielding bag.
2. The above quantity and weight are only for the illustrated packaging method. There will be differences in the quantity and weight with other packaging methods.

## Installation

### 1. Products and Tools



CC-G2835-160-36



LED power supply



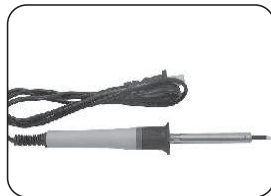
Self-tapping screw



Electrical tape



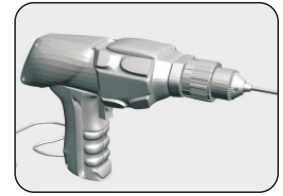
Clips



Electric iron



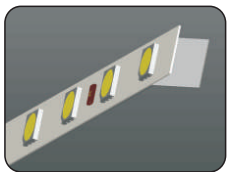
Diagonal pliers



Electric drill

### 1. Installation Methods and Steps

#### By self adhesive tape



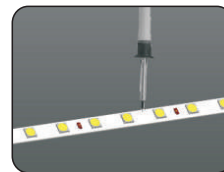
Peel away the self adhesive tape on the rear.



Cut off the excess part based on the installation position.



Evenly arrange the strips with appropriate space in the light box

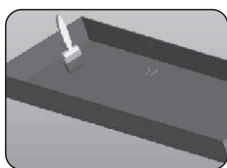


Use soldering iron for welding if need connection.

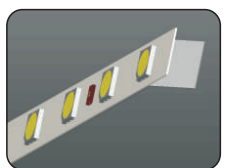


Connect main line to power supply.

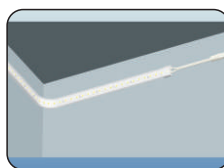
#### Install with clips



Clean the mounting surface



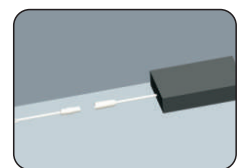
Peel away the self adhesive tape on the rear.



Evenly arrange the strips with appropriate space in the light box.



Stick the strips on the signage accordingly



Connect the strips with compatible power supply



## Common Faults and Troubleshoot

Quick Guide		
Problems	Reasons	Solutions
All LEDs can not light on.	No electric supply.	Fix the short circuit problem.
	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 for insufficient.	Power overloaded.	Replace with more powerful power
	Power supply circuit excessive consumption.	Make sure led module working voltage within $\pm 5\%$ of standard voltage, or keep balance by circuit power consumption.
	Excessive quantities in series connection of LED modules.	Reduce the quantities of LED modules 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 20AWG (0.75mm<sup>2</sup> 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 as backlight of 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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