



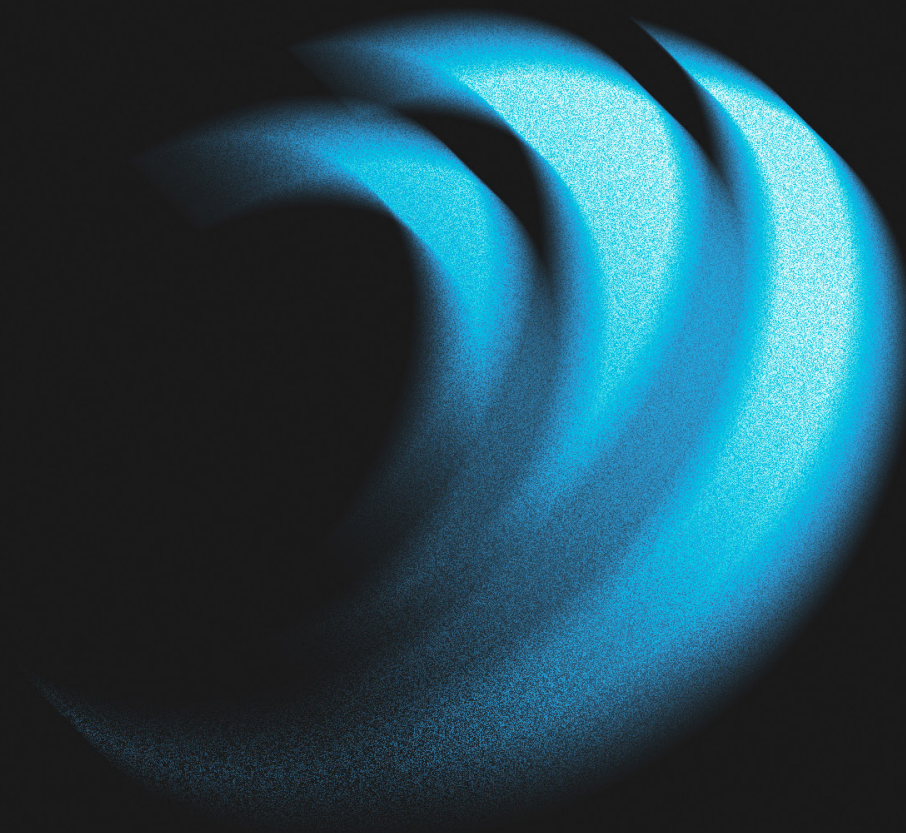
LED

RIGID BAR

ABS200 2.0

AC 220V

HIGH VOLTAGE EDGE-LIT





ABS200 2.0 | HIGH VOLTAGE EDGE-LIT

FEATURES

- Suitable for Edge-lit light boxes within 2m width
- The uniformity of light box surface effect is more than 0.5 .
- Adopt special optical lens
- A variety of specifications are available, and can be customized according to customer needs.

12°24°

3030

AC220V

3Years

IP60

APPLICATION

- Side-light source light box suitable for a depth of 8cm and above

OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage	Ra	Color	CCT (K)	Typical Luminous Flux Value(Lm/pcs)	Efficacy(Lm/W)	Power(W/pcs)
ABS200 2.0-0610	220V AC	>70	W	6400-7700	1500	100	15
ABS200 2.0-1220	220V AC	>70	W	6400-7700	3000	100	30

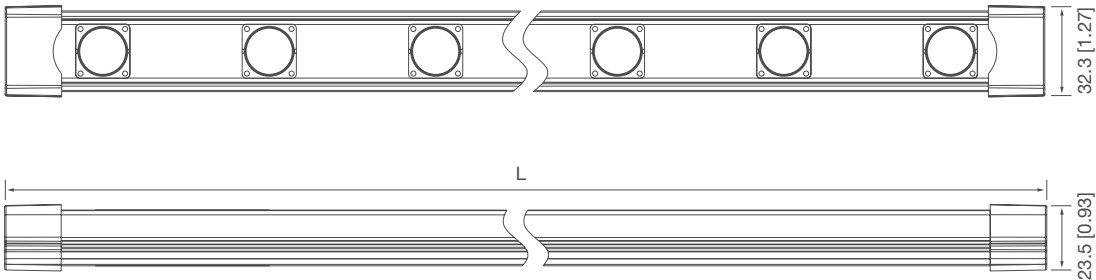
OTHER PARAMETERS

Model No.	LED Qty/pc	Product Size L*W*H (mm)	Standard Run (pcs)	Working Temperature	Storage Temperature
ABS200 2.0-0610	10	596*32.3*23.5	1	-20~+60°C	-20~+70°C
ABS200 2.0-1220	20	1191*32.3*23.5	1	-20~+60°C	-20~+70°C

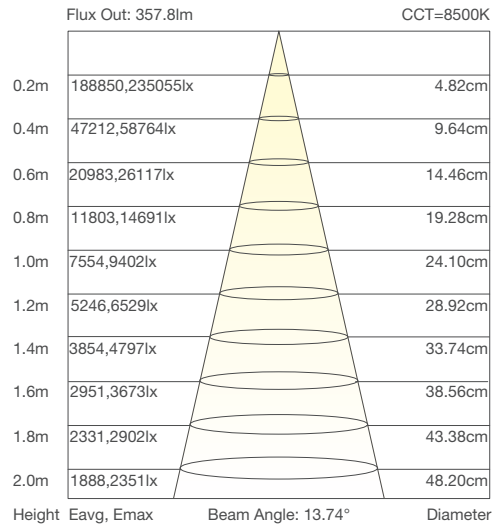
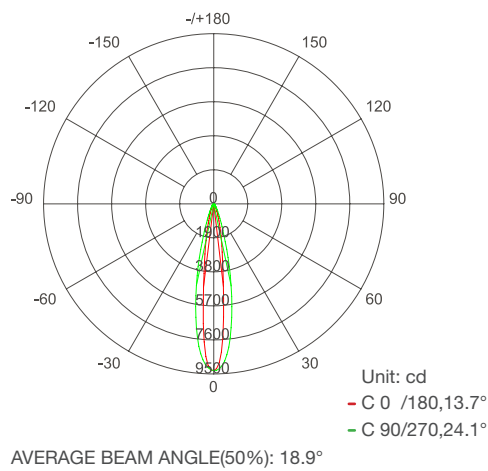
- NOTE:
- The test environment t temperature i s 25±2°C
 - The above data is measured under typical conditions , the actual parameters of the product may be different from the data, the data may change without further notice.
 - The above luminous flux is lit according to the corresponding color, the test parameters were shown.
 - If you choose lamp beads with different levels, the color temperature (wavelength) will be different,and the luminous flux will have a certain change.
 - Luminous flux, power error ±10%
 - The standard cascade quantity refers to the shipping cascade quantity.
 - Voltage: AC176~264V

PROFILE DRAWINGS

Unit: mm[inch]

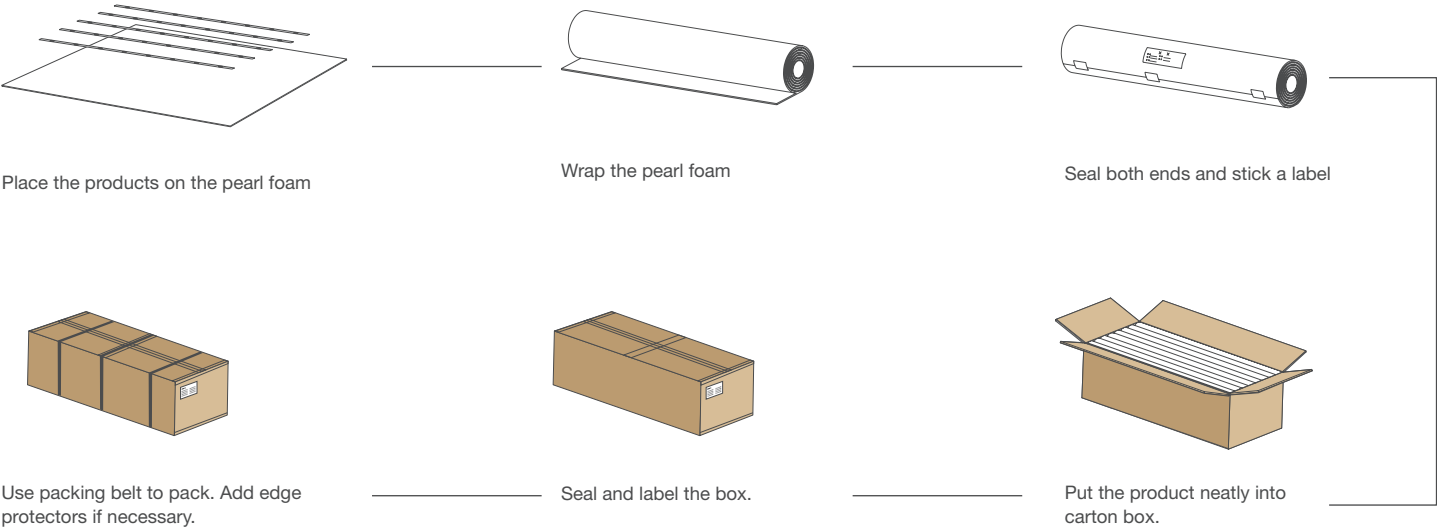


Note: for more info, please contact sales rep.



Note: the above two figures are tested with the sample ABS200 2.0-0610 at 8500K,for other data,please consult sale rep.

PACKAGING INFORMATION



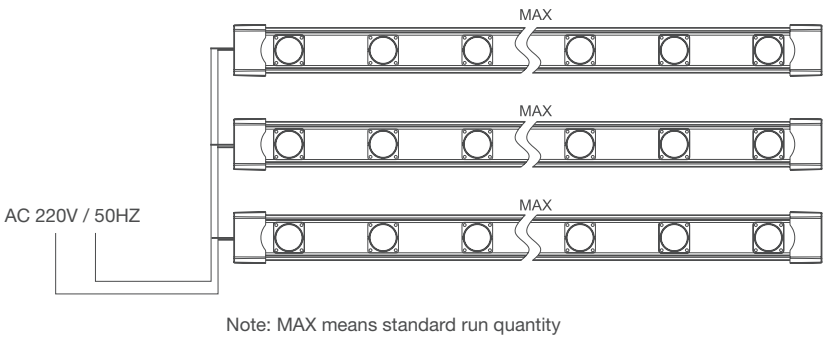
Model No.	Product Size L*W*H (mm)	Carton Size (mm)	Pcs/Carton	Net Weight (kg)	Gross Weight (kg)
ABS200 2.0-0610	596*32.3*23.5	685*295*275	50	12.50 (1±10%)	13.80 (1±10%)
ABS200 2.0-1220	1191*32.3*23.5	1300*185*185	30	14.45 (1±10%)	15.92 (1±10%)

NOTE:

This product is packed in a PE bag and put in an ordinary long carton box.

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



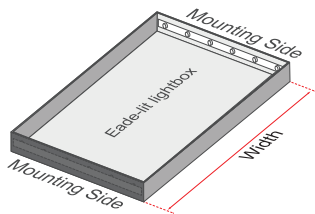
Note: MAX means standard run quantity

Installation Reference

ABS200 2.0-0610

Light box	Lighting Method	Surface Material	Width(m)	Depth H(cm)	Watt Density (W/m²)	Illumination (Lux)	Density (pcs/2m)	Uniformity
Double-sided Light box	Double-side lighting	White pearl cloth	1.0	8	60	2350-3150	2.2	0.75
			1.0	10	60	2150-2540	2.2	0.85
			1.5	10	40	1399-2130	2.2	0.66
			2.0	12	30	997-1960	2.2	0.51
			2.0	15	30	1258-1587	2.2	0.79

Note:
The density is within a light box of 1 square meter.
PCS/m indicates the product quantity installed on single side, and PCS/2m indicates the quantity of double-sided installation.

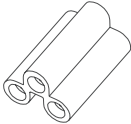


Note:
The density refers to product quantities installed on the mounting side, and "1*2" refers to 2 mounting sides and each side with 1pcs.

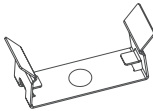
ACCESSORIES & TOOLS



Connector Cable



Connection Terminal

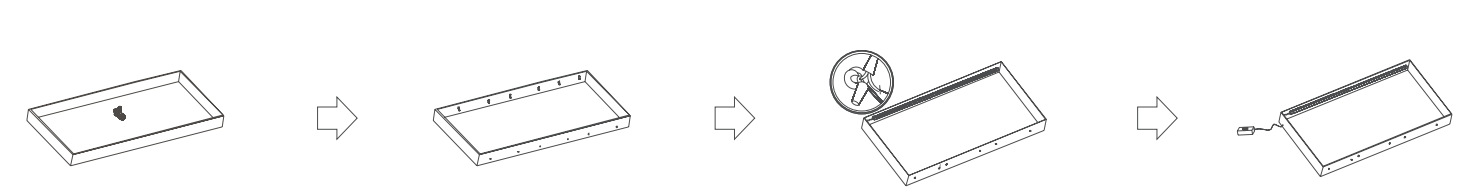


Clips



Screw

INSTALLATION STEPS



- Clean the mounting surface.
- Determine the mounting distance,fix with the installation clips
- For bare wire connection, please use terminals. (Treat the thread with insulation,waterproof, and anti-corrosion arrangement as it cannot pull out by hands.)
- Check and ensure correct installation, and fix the product with screws ,then power on for self-test.

- Note:
- Screw to avoid welding plate, avoiding short circuit.
 - When fastening the screw, make sure to add plastic gaskets to insulate the screw from the LED panel.

ATTENTIONS BEFORE INSTALLATION

- Before installation, please check whether the parameters of the product are consistent with the requirements (Seeing the Product Specification or Label).
- The voltage, current, and power of the power supply and load used must be consistent with this product.
- Follow the instructions of wiring diagram (first connect the load and then the power supply) to avoid short circuit.
- Product wires must be correctly connected to the positive and negative terminals of the power output, otherwise the light will not turn on.
- The power cord should be tightly screwed into the terminal, with a recommended tightness that cannot be pulled out by hand.
- The connection terminals must be effectively waterproof and corrosion-resistant.
- **After installing this product in the lightbox, cover with fabric within 48 hours. Avoid leaving it unused or idle for extended periods.**
- **High-voltage products must be used with our company's surge protectors.**
- **High-voltage products may be affected by strong signal interference and cause flickering. Avoid installation near signal towers, high-voltage lines, substations, power rooms, network equipment rooms, or other strong signal sources.**

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.

Version	Content	Date
A1.3	Update: Attentions Before Installation	2026-1-20

BLUEVIEW ELEC-OPTIC TECH CO.,LTD

- ☐ Tel: +86-28-8148 0011
- ☐ Web.: www.blueviewled.com
- ☐ Fax: +86-28-8148 1258
- ☐ Email: sales@blueviewled.com
- ☐ Add.: No. 1000, Section 2, Konggang 2nd Road, Shuangliu, Chengdu 610207, Sichuan, CHINA