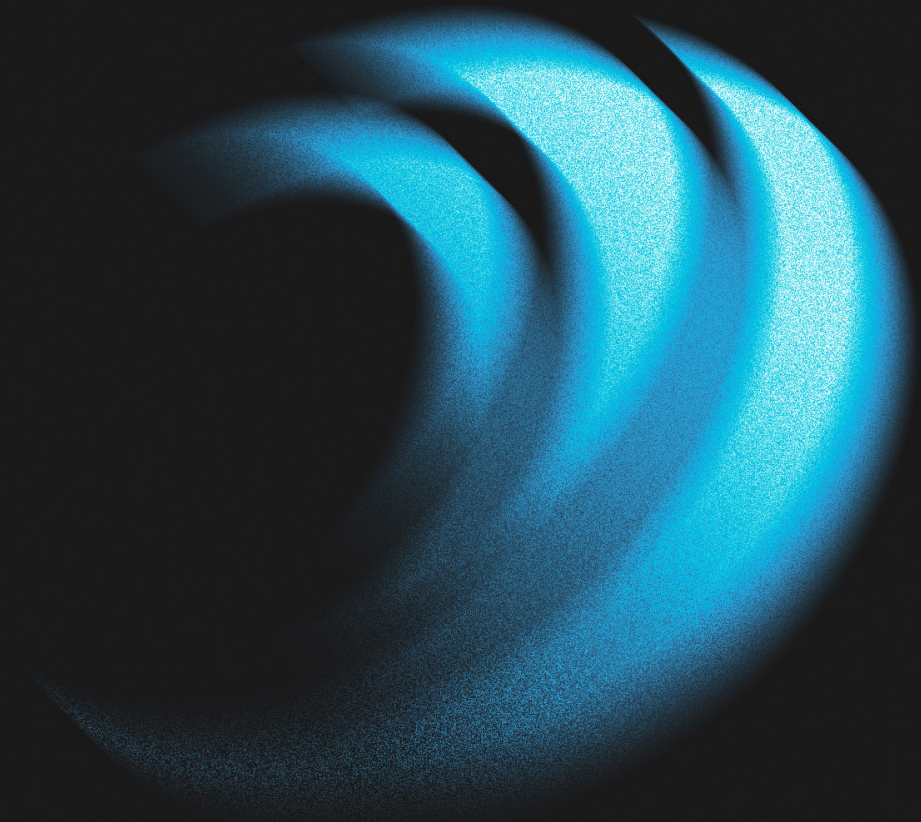
BLUEVIEW

LED RIGID BAR

H36

DC 12/24V

BACK-LIT



Version: **A1.1**



H36 | BACK-LIT

FEATURES

- High efficiency, suitable for slim light boxes.
- Aluminum substrate for quick heat dissipation.
- Curtain style for easy mounting.
- Support 0-10V, DALI, PWM dimming.
- Multiple specifications, customization available.

APPLICATION

- Suitable for signage light boxes with depths ≥3–6 cm.

DIMMABLE | 210° | 2835 | 12/24V | 3Years | IP20

OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage (DC)	Ra	Color	CCT	Typical Luminous Flux Value(Lm/pcs)	Efficacy(Lm/W)	Power(W/pcs)
H36-291-4	12/24V	>70	W	3000-15000K	422	110	3.84
H36-552-7	12V				739	110	6.72
H36-900-11	12V				1162	110	10.56
H36-1161-14	12/24V				1478	110	13.44

OTHER PARAMETERS

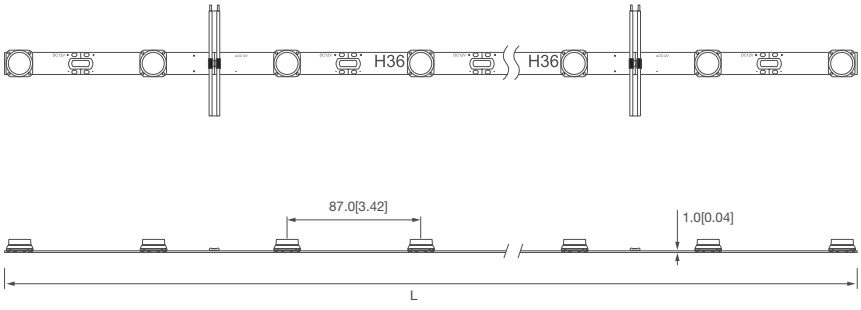
Model No.	LED Qty/pc	Product Size L*W*H (mm)	Max Run (Double feed) (pcs)	Working Temperature	Storage Temperature
H36-291-4	4	291*17.5*8.6	10	-20~+60°C	-20~+70°C
H36-552-7	7	552*17.5*8.6			
H36-900-11	11	900*17.5*8.6			
H36-1161-14	14	1161*17.5*8.6			

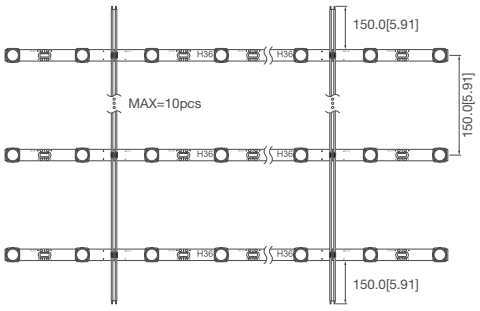
NOTE:

- Test environment temperature : 25±2°C.
- Figures above are typical figures. Actual figures could be different with typical figures, and the data is subject to change without notice.
- The above luminous flux data is based on corresponding light colors.
- Different color temperature will make luminous flux different.
- The luminous flux and power error is ±10%.
- Max run is in double feed.

PROFILE DRAWINGS

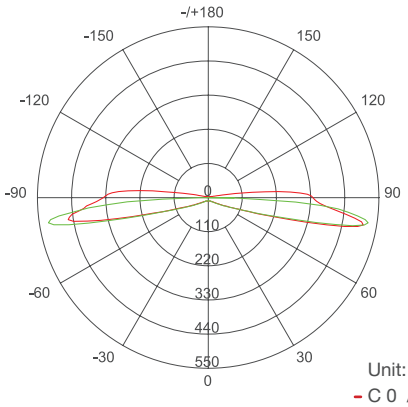
Unit: mm[inch]





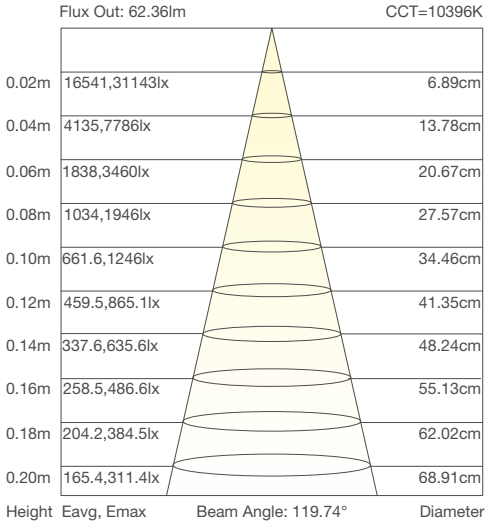
Note: for more info, please contact sales rep.

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



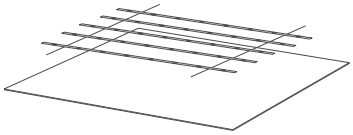
AVERAGE BEAM ANGLE(50%): 210.9°

AVERAGE ILLUMINATION

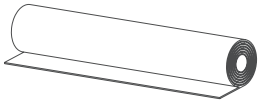


Note: the above two figures are tested with the sample H36-900-11 at 10396K,for other data,please consult sale rep.

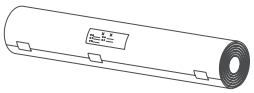
PACKAGING INFORMATION



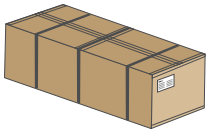
Place the products on the pearl foam



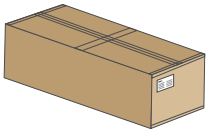
Wrap the pearl foam



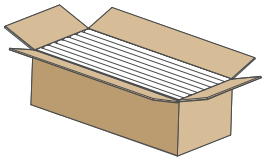
Seal both ends and stick a label



Use packing belt to pack.
Add edge protectors.



Seal and label the box.



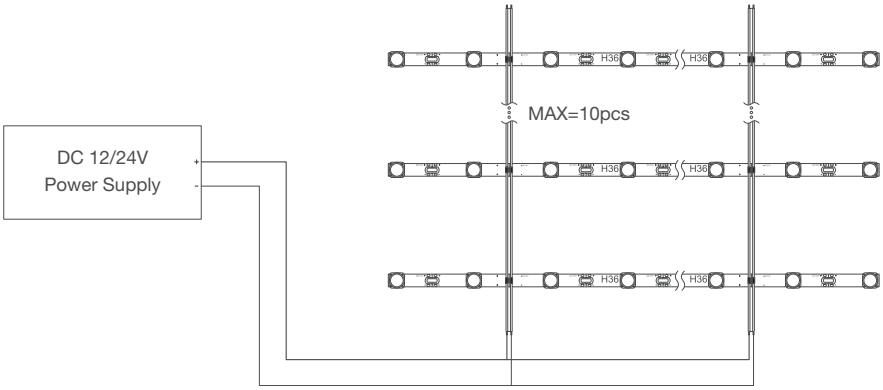
Put the product neatly
into carton box.

Model No.	Product Size L*W*H (mm)	Carton Size (mm)	Pcs/Carton	Net Weight (kg)	Gross Weight (kg)
H36-291-4	291*17.5*8.6	380*380*325	250	9.52(1±10%)	10.42(1±10%)
H36-552-7	552*17.5*8.6	685*295*275	150	9.85(1±10%)	10.95(1±10%)
H36-900-11	900*17.5*8.6	1010*295*210	120	14.21(1±10%)	15.01(1±10%)
H36-1161-14	1161*17.5*8.6	1175*295*180	120	15.84(1±10%)	17.21(1±10%)

NOTE:

This product is wrapped and loaded with white pearl foam and packed in long carton;
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.

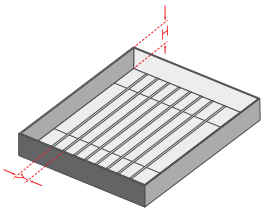
INSTALLATION



Note: MAX means max run quantity with dual end power feed

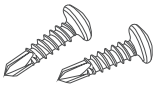
Installation Reference

Model No.	Surface Material	Depth (H)	Illumination (lux)	Uniformity	Density (pcs/m²)	Spacing (Y)	Power Density (W/m²)	Visual Effects
H36-900-11	White Soft Film	3cm	4370-4920	0.89	7	150cm	70.92	OK
		4cm	3810-4230	0.90				
		5cm	3680-4020	0.91				
		6cm	3530-3740	0.94				
		8cm	3160-3310	0.96				
		10cm	2920-3030	0.96				

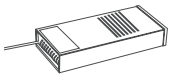


Note:
Spacing, see left;
Please contact the sales for other data if you need.

ACCESSORIES & TOOLS



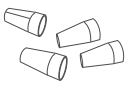
Screw



LED power supply



Diagonal pliers



Connection Terminal



Insulation Tape

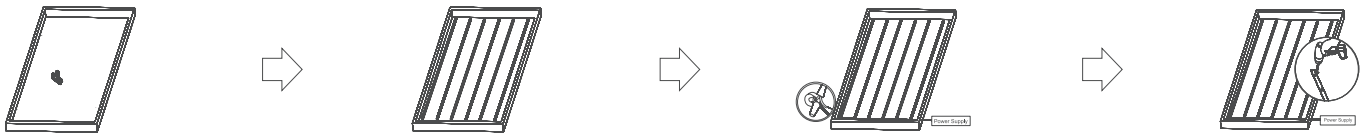


Electric drill



Mounting gasket

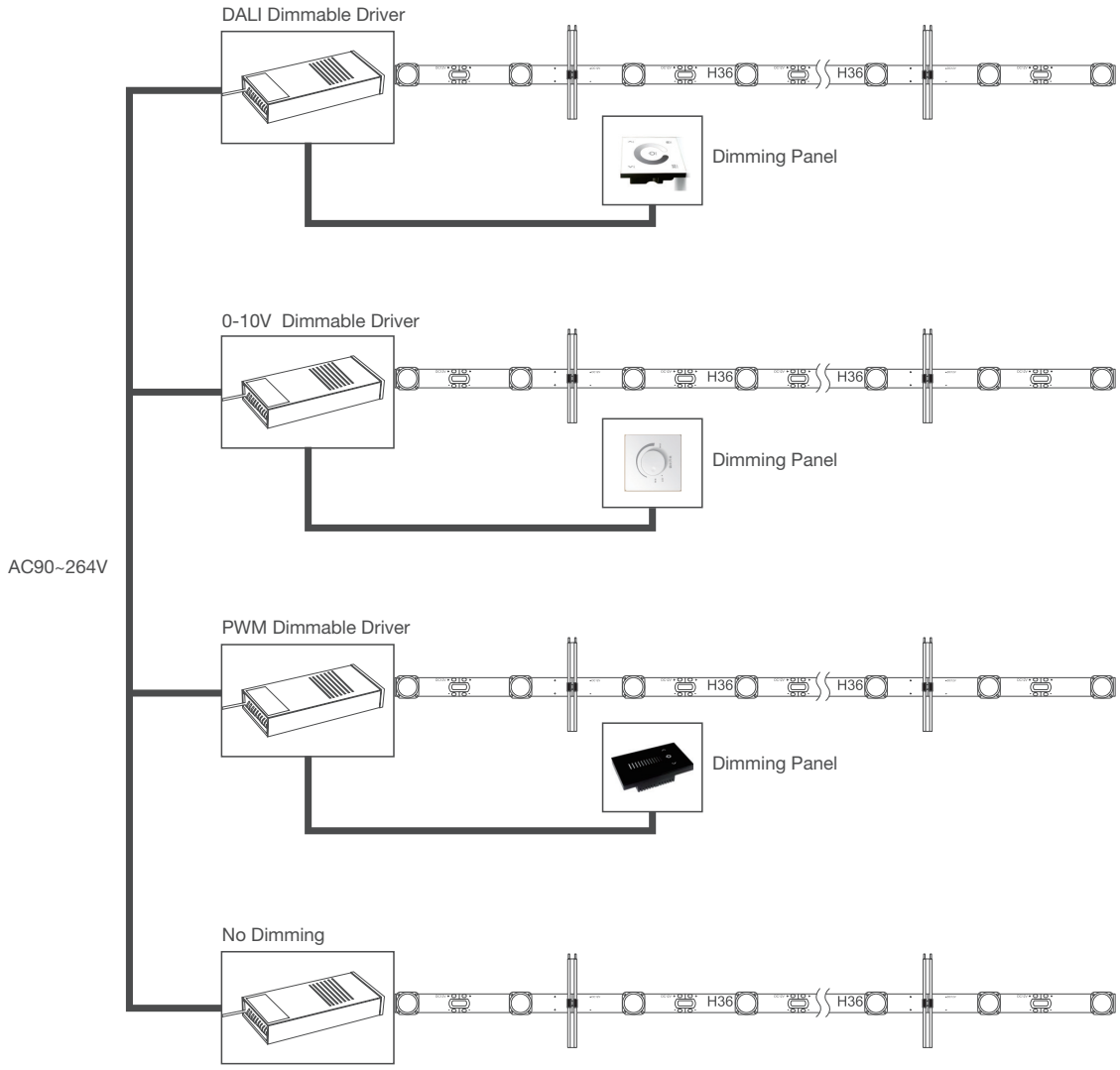
INSTALLATION STEPS



- Clean the mounting surface.
- Confirm the installation spacing.
- 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.

Note:
- The screws must be kept away from the pads to avoid short circuits. When tightening the screws, be sure to add gaskets to insulate the screws from the product.

SUPPORTED DIMMING METHODS AND WIRING DIAGRAM



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.
-The products must be installed on the profile with thermal conductivity. If not, auxiliary heat dissipation profiles must be used.

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: Product dimensions	2026-4-7

BLUEVIEW ELEC-OPTIC TECH CO.,LTD

☐ Tel: +86-28-8148 0011
☐ Fax: +86-28-8148 1258
☐ Web.: www.blueviewled.com
☐ Email: sales@blueviewled.com

☐ Add.: No. 1000, Section 2, Konggang 2nd Road, Shuangliu, Chengdu 610207, Sichuan, CHINA