

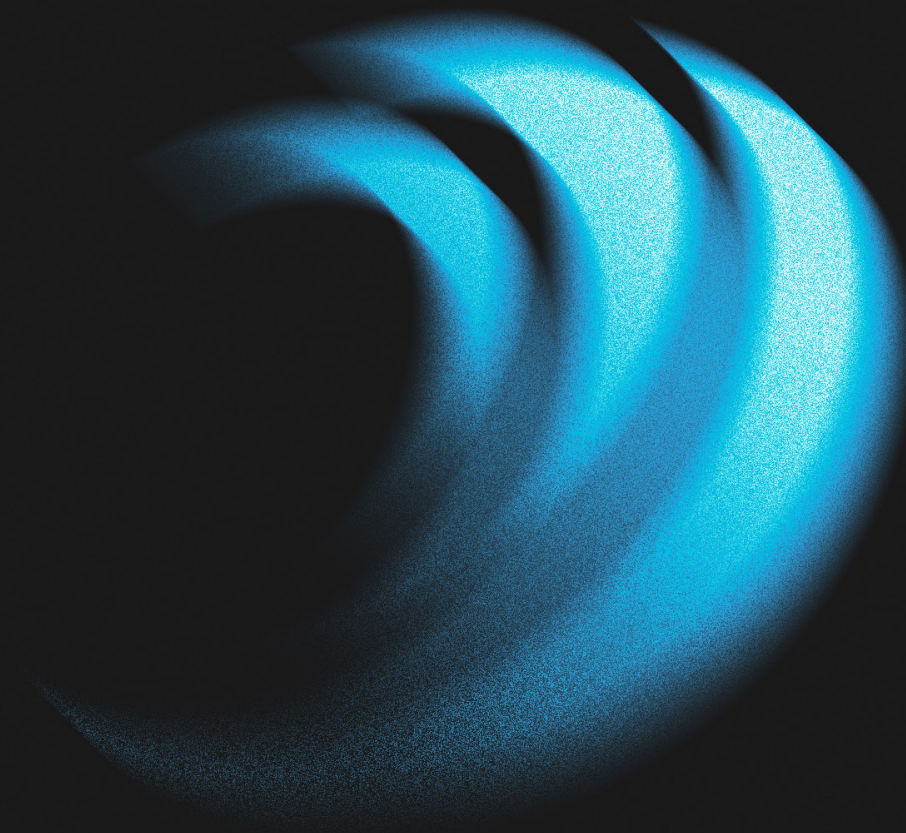


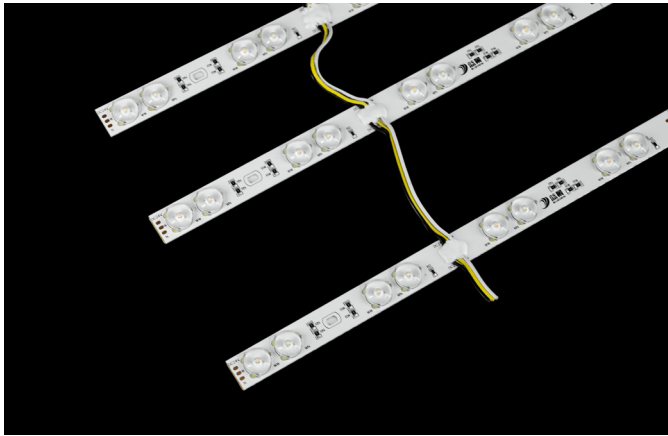
LED

RIGID BAR

DC 24V
BACK-LIT

H3-NW





H3-NW | BACK-LIT

FEATURES

- Curtain style, easy mounting
- Lighting evenness of light box surface exceeds 0.8
- Adopt special secondary light distribution lens
- Aluminum substrate for direct and quick heat dissipation
- Compatible with external controller, support PWM, 0-10V, and DALI dimming.
- Multiple specifications, customization available.

APPLICATION

- Suitable for light box with depth of 6-18cm.



OPTICAL & ELECTRICAL PARAMETERS

Model No.	Voltage	Ra	Color	CCT (K)	Typical Luminous Flux Value(Lm/pcs)	Efficacy(Lm/W)	Power(W/pcs)
H3-NW-62016	24V DC	>80	N	6500	1008	150	6.72
			W	2700	1008	150	6.72
H3-NW-77020	24V DC	>80	N	6500	1260	150	8.40
			W	2700	1260	150	8.40
H3-NW-93024	24V DC	>80	N	6500	1512	150	10.08
			W	2700	1512	150	10.08

OTHER PARAMETERS

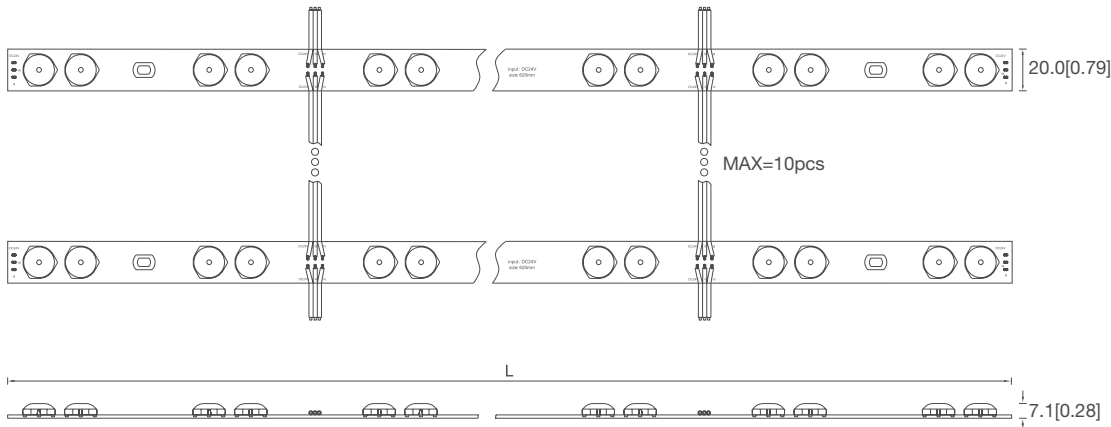
Model No.	LED Qty/pc	Product Size L*W*H (mm)	Standard Run (pcs)	Working Temperature	Storage Temperature
H3-NW-62016	16	620*20*7.1	10	-20~+60°C	-20~+70°C
H3-NW-77020	20	770*20*7.1			
H3-NW-93024	24	930*20*7.1			

NOTE:

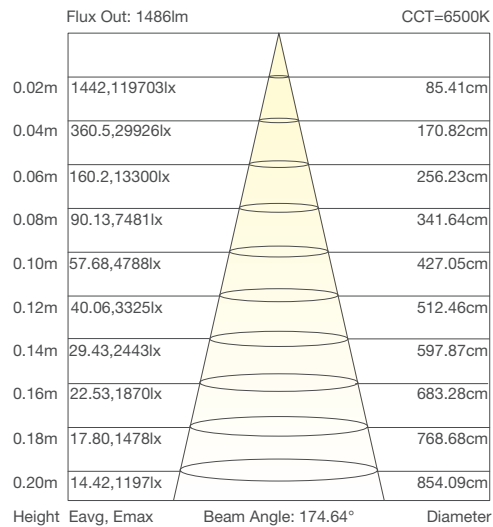
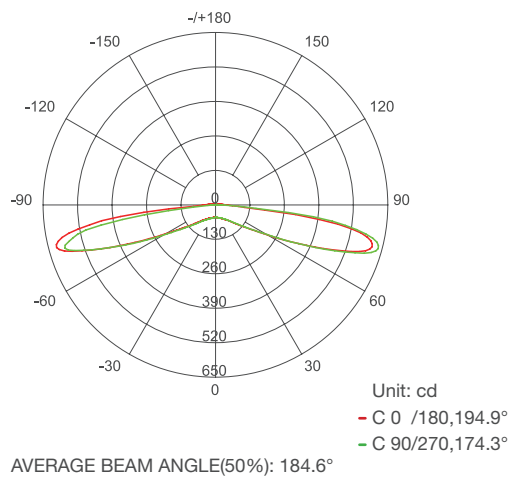
- Test environment temperature : 25±2°C.
- Figures above are typical figures. Actual figures could be different with typical figures, and the data is subject to change without notice.
- The above luminous flux data is based on corresponding light colors.
- Different color temperature will make luminous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

PROFILE DRAWINGS

Unit: mm[inch]

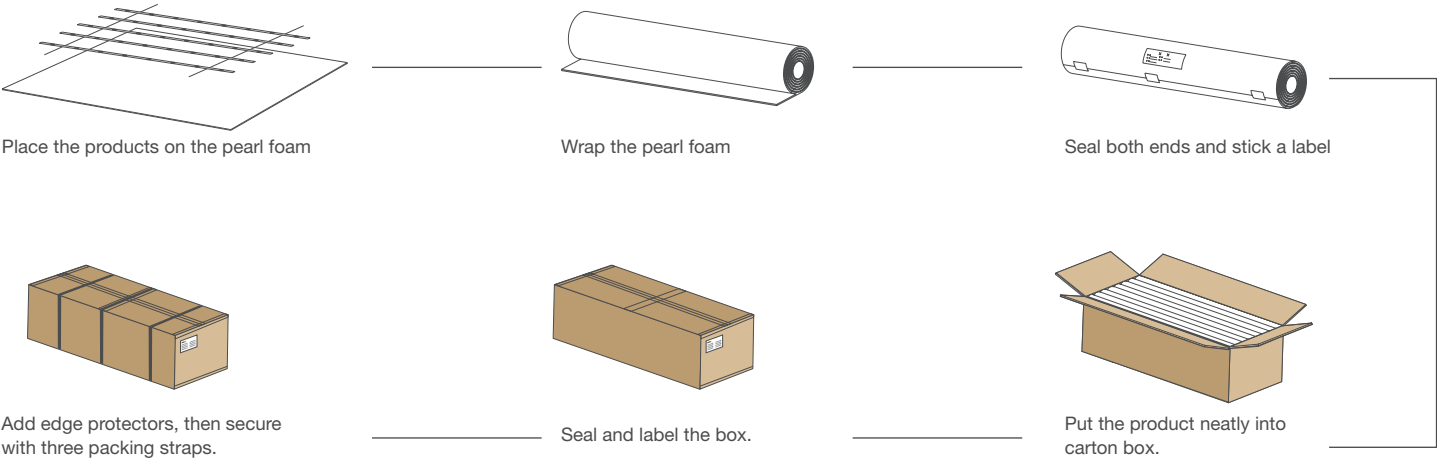


Note: □ for more info, please contact sales rep. □ tolerances: length ±1mm, width ±0.2mm, thickness ±0.2mm.



Note: the above two figures are tested with the sample H3-NW-93024 at 6500K. For other data,please consult sale rep.

PACKAGING INFORMATION



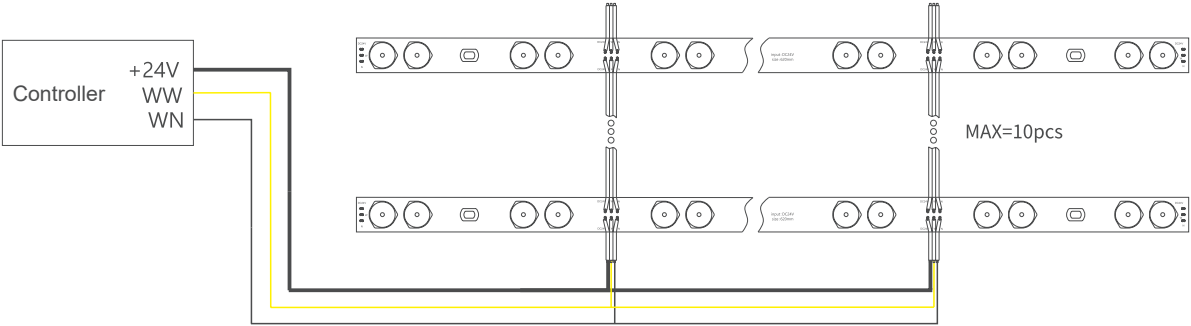
Model No.	Product Size L*W*H (mm)	Carton Size (mm)	Pcs/Carton	Net Weight (kg)	Gross Weight (kg)
H3-NW-62016	620*20*7.1	685*295*275	150	12.65(1±10%)	13.95(1±10%)
H3-NW-77020	770*20*7.1	825*295*275	150	15.25(1±10%)	16.55(1±10%)
H3-NW-93024	930*20*7.1	1010*295*275	150	18.41(1±10%)	19.99(1±10%)

Note:

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

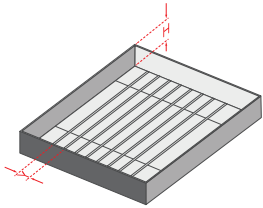
The above quantity and weight are only for the illustrated packaging method. There will be differences in the quantity and weight with other packaging methods.

INSTALLATION



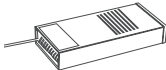
Installation Reference

Model No.	Surface Material	Depth (H)	Illumination (lux)	Evenness	Density (pcs/m²)	Spacing (Y)	Power Density (W/m²)	Visual Effects
H3-NW-93024	White Soft Film	6cm	12340-14520	0.85	7	14cm	134	OK
		8cm	9950-11850	0.84	6	16cm	115	
		10cm	7650-9220	0.83	5	20cm	96	
		12cm	7090-8250	0.86	5	20cm	96	
		15cm	6210-7050	0.88	5	20cm	96	
		18cm	5320-5890	0.90	5	20cm	96	



- Note:
- Light box type: single-sided light box
 - Light box bottom: Reflective coating
 - Spacing, see left
 - The data of above form is tested with the sample H3-NW-93024 at N&W two lights normal on.
 - For other data, please consult sales rep

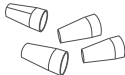
ACCESSORIES & TOOLS



LED power supply

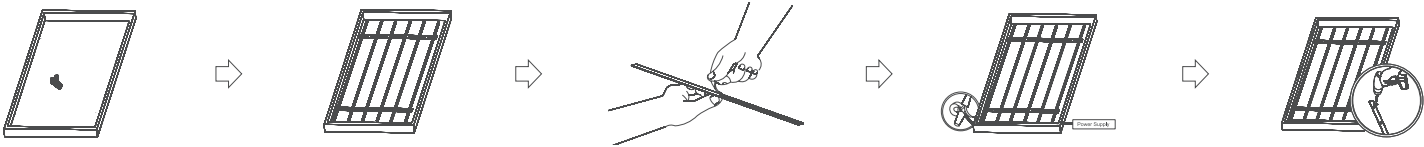


Diagonal pliers



Connection Terminal

INSTALLATION STEPS



1. Clean the mounting surface.
2. Arrange the mounting space.
3. Peel away the self adhesive tape on the rear of product and evenly mounting the product with appropriate space.
4. For bare wire connection, please use terminals.
Treat the thread with insulation,waterproof, and anti-corrosion arrangement as it cannot pull out by hands.
5. 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.**

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
A1.0	First release	2025-8-26

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