

HANECO LED HIGHBAY INSTALLATION GUIDE

SKYLUX^{X3}

Thanks for choosing our **SKYLUX^{X3}** highbay products.
We strongly recommend that you read this manual carefully before installation.

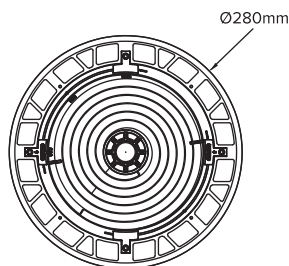
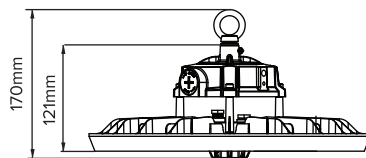
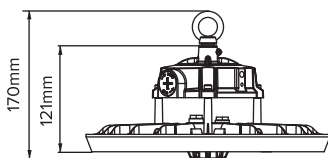
WARNING

- Installation must be carried out by a licenced electrician and in accordance with these instructions and relevant Australian standards and local regulations.
- Do not install any luminaire near any heat source.
- Before the installation make sure you have turned OFF the electricity supply.
- Ensure the product is connected to a 220-240V AC 50/60Hz power supply.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or by a service agent or licenced electrician in order to avoid hazard.
- Non-user replaceable light source.
- The lens cover of the luminaire is secured by glue, unremovable.
- The warranty is void if product is not installed according to the instructions.
- Risk of overheating of fire if the clearance distances are compromised.
- Installers must ensure that the fitting selected is appropriate for the intended application and environment, consistent with Haneco's published product specifications.
- To maintain optimal performance, fittings should be kept clean to prevent excessive buildup of dust or debris, with periodic cleaning carried out as appropriate to site conditions.
- Products should not be exposed to harsh chemicals or corrosive substances that fall outside the published product specifications, as such conditions may affect performance or warranty coverage.
- Please refer to Haneco's warranty document for full details on the conditions of warranty.

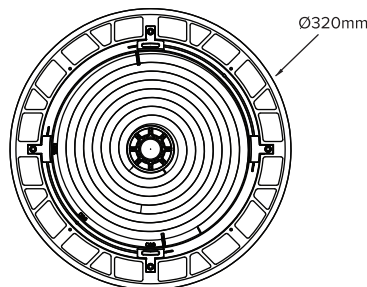
Product Specifications

Product code	Power	Input voltage frequency	Net weight	Operating temperature	IP/IK rating	Dimming Method
SKYLUX120W-X3	80/100/120W	220-240Vac 50/60Hz	1.52kg	-35°C to 50°C	IP65/IK08	0-10V Dimmable
SKYLUX200W-X3	100/150/200W		1.88kg			
SKYLUX120W-X3-HDALI	80/100/120W		2.0kg			DALI Dimmable
SKYLUX200W-X3-HDALI	100/150/200W		2.39kg			

Line Diagram and Product Dimensions



SKYLUX120W-X3
SKYLUX120W-X3-HDALI



SKYLUX200W-X3/
SKYLUX200W-X3-HDALI

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Important Safety Notes:

Power Isolation: Ensure the power supply is disconnected during installation and maintenance.

Thermal Safety: Allow at least 30 minutes of cooling time before maintenance to avoid burns from residual heat.

Vibration Environments: Use a safety rope if the installation site is subject to vibration.

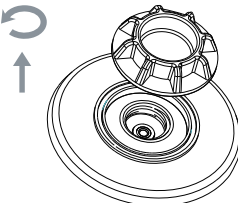
Suspension Installations: For hook and lifting ring setups, chains or safety cables may be used to extend the suspension.

Load Requirements: The mounting structure must support at least 5 times the total suspended weight.

BEFORE INSTALLING THE LUMINAIRE

Lens Beam Angle Adjustment Instruction

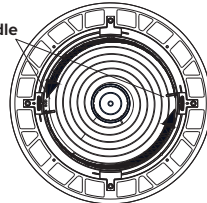
1.



Unscrew the waterproof cover to access the lens.

2.

Handle

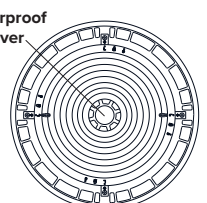


120° ↔ 90° ↔ 60° (±10%)

Hold the handle firmly and rotate the lens to set the desired beam angle: **L**=120°, **M**=90°, **S**=60°(±10%)

3.

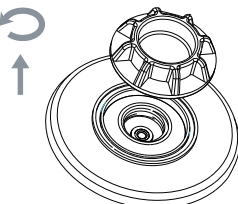
Waterproof cover



Install the waterproof cover or plug-in sensor (optional) after adjusting the angle.

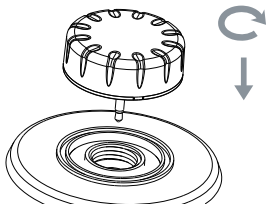
Plug-in Sensor* installation (Optional)

1.



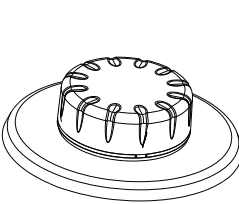
Unscrew the waterproof cover.

2.



Insert the microwave sensor. Push downward and turn clockwise (360°) to engage the sensor.

3.



Turn on the power supply to use the sensor. Motion sensor settings are programmable by using a remote controller*.

- * Plug-in Microwave sensor (SKYLUX-G5/EV-MS) is available as add-on accessory for separate purchase.
- * Remote controller (HIGHBAY-REMOTE) is available as add-on accessory for separate purchase.

Accessory information

Haneco provides a comprehensive selection of accessories designed to support a wide range of installation requirements. The accessories listed below are fully compatible with the SKYLUX^{X3} series. For detailed installation procedures, please refer to the specific installation guide provided with each accessory.

Product Code	Description
SKYLUXG4-BRKT	Skylux Surface Mounting Bracket
SKYLUX-G5/EV-MS	Plug-in Microwave Sensor
HIGHBAY-REMOTE	Remote controller

Product Code	Description
SKYLUX120G4-PR	120W - Prismatic Reflector Without Cover
SKYLUX200G4-PR	200W - Prismatic Reflector Without Cover
SKYLUX200G4-RF	200W - Aluminum Reflector Without Cover

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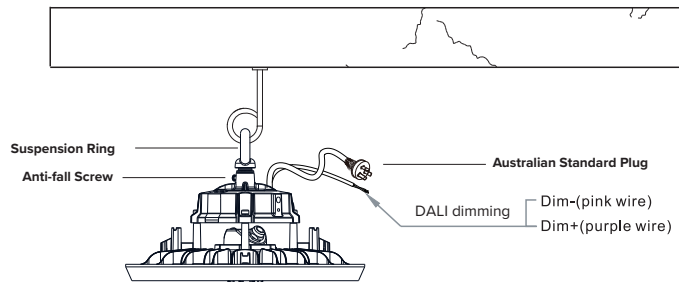
LUMINAIRE MOUNTING OPTIONS

Ceiling mounting with suspension ring

The lifting ring assembly is designed for pendant luminaires compatible with ceiling-mounted hooks, carabiner-style connectors, or other structural supports featuring an accessible opening.

Installation Steps:

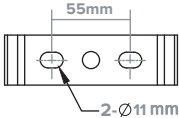
1. **Attach the Suspension Ring:** Screw the lifting ring into the mounting interface at the top of the light fixture.
2. **Secure with Anti-Fall Screws:** Tighten the auxiliary anti-fall screws located on the side of the interface to ensure stability.
3. **Hang the Light:** Thread the ceiling hook/ equivalent suspension hardware through the lifting ring and hang the light securely.
4. **Engage Safety Mechanisms:** It is recommended to use a safety cable to further secure the fitting.

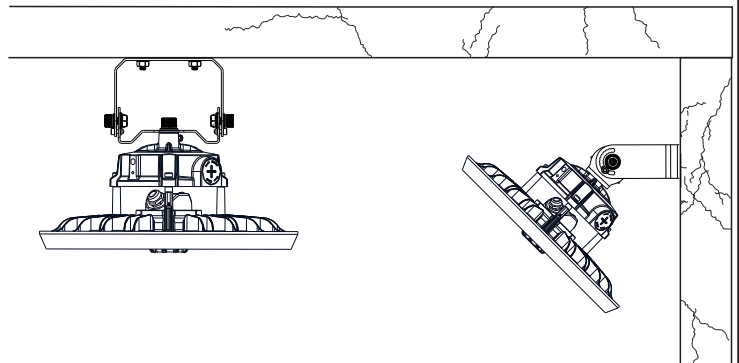


Surface mounting with bracket* (SKYLUXG4-BRKT)

This U-shaped bracket is suitable for both ceiling and wall-mounted installations. Ensure the mounting surface meets the required load-bearing specifications.

Installation Steps:

1. **Drill Mounting Holes:** Mark and drill holes in the wall or ceiling according to the recommended dimensions:
 - I. Hole spacing: 100 mm
 - II. Hole diameter: Ø12 mm (2 holes)
- 
- The diagram shows a rectangular plate with two circular holes. The distance between the centers of the holes is labeled '100mm'. The diameter of each hole is labeled 'Ø12 mm'.
2. **Insert Expansion Anchors:** Place expansion anchors into the drilled holes.
 3. **Secure the Safety Wire to the Fixture:** Secure one end of the safety wire harness to the light fitting (safety wire not supplied).
 4. **Mount the Bracket:** Align the U-bracket's mounting holes with the anchors. Insert the expansion screws through the bracket and into the anchors.
 5. **Secure the Bracket:** Tighten the expansion screws to firmly fix the bracket to the mounting surface.
 6. **Secure the Safety Wire on to the Bracket:** Secure the other end of the safety wire to the designate place on the bracket (safety wire not supplied).
 7. **Adjust Bracket Angle:** Loosen the spindle screws slightly and remove the auxiliary screws on both sides. Rotate the bracket to the desired angle, then reinstall and tighten the auxiliary screws to lock the position.



* Skylux Surface Mounting Bracket (SKYLUXG4-BRKT) is available as add-on accessory for separate purchase.