

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.

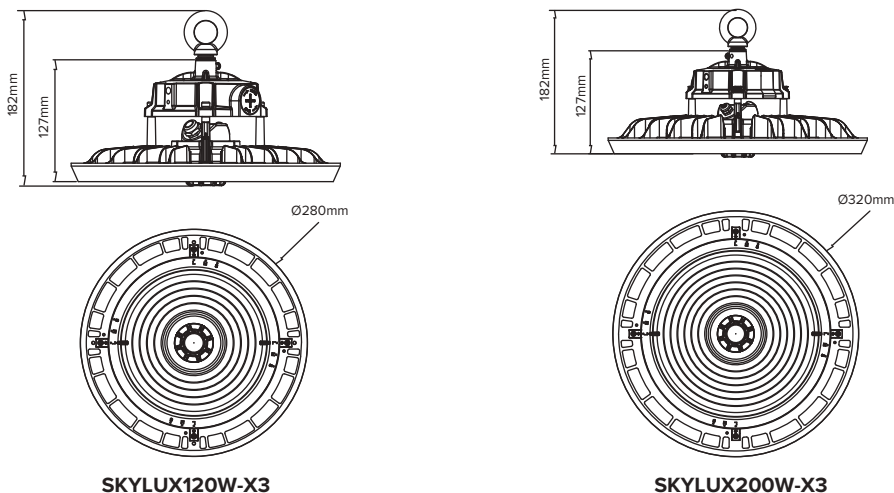
WARNING

- This equipment must be installed and serviced only by a licensed and qualified electricians.
- All wiring and installation must comply with local and national wiring regulations, such as AS/NZS 3000 Electrical Standards.
- Before installation, check the product for any damage incurred during transport. Do not install or operate the product if it appears damaged. If damaged, return the complete product to the place of purchase for inspection, repair, or replacement.
- Avoid pulling or stressing any electrical wires during unpacking, as this may damage the connections.
- Always isolate the electrical supply before carrying out any work on this equipment.
- The warranty is void if product is not installed according to the instructions.

Product Specifications

Product code	Power	Input voltage frequency	Net weight	Operating temperature	IP/IK rating
SKYLUX120W-X3	80/100/120W	220-240Vac 50/60Hz	1.6kg	-35°C to 50°C	IP65/IK08
SKYLUX200W-X3	100/150/200W		2.15kg		

Line Diagram and Product Dimensions



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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Important Safety Notes:

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

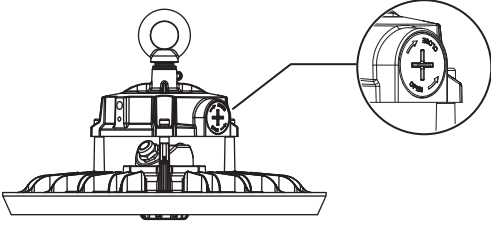
Thermal Safety: Allow at least 30 minutes of cooling time before maintenance to avoid burns from residual heat.

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



SKYLUX120W-X3

Power	CCT
80W	3000K
100W	4000K
120W	5000K

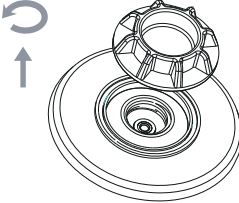
SKYLUX200W-X3

Power	CCT
100W	3000K
150W	4000K
200W	5000K

*Please fasten the cap after setting up

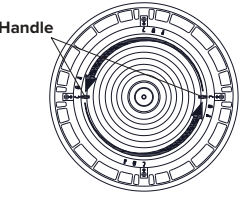
Lens Beam Angle Adjustment Instruction

1.



Unscrew the waterproof cover to access the lens.

2.

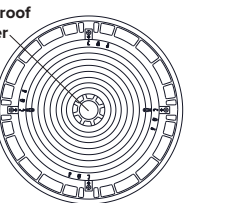


Handle

L=120° M=90° S=60° (±10%)

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

3.

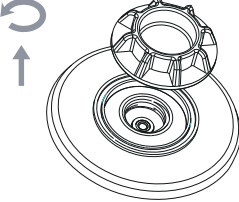


Waterproof cover

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

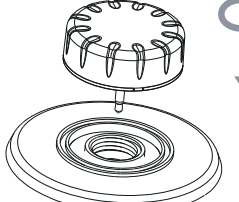
Plug-in Sensor* installation (Optional)

1.



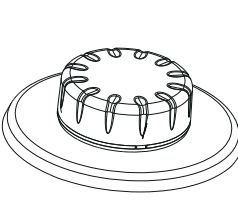
Unscrew the waterproof cover.

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 setting 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.

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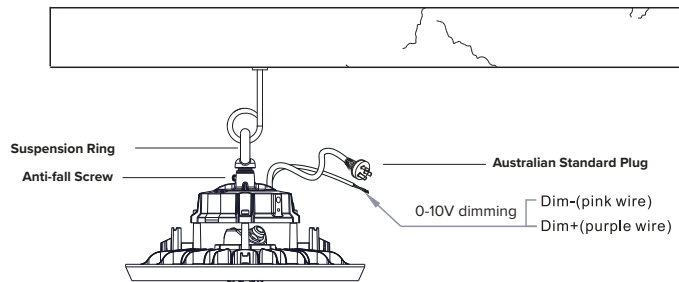
LUMINAIRE MOUNTING OPTIONS

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.

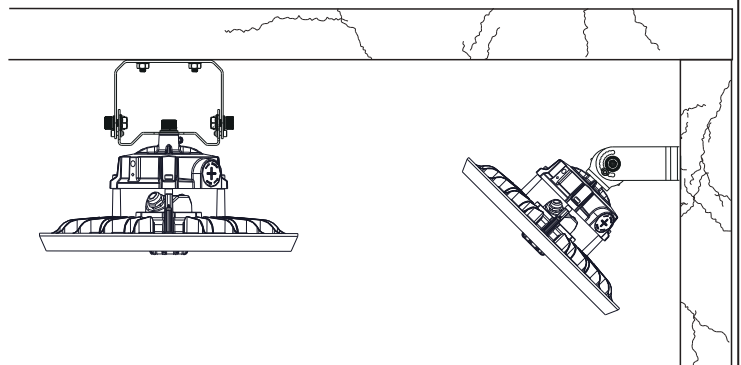
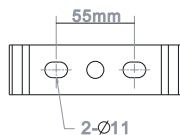


Surface mounting with bracket* (SKYLUXG4-BRKT)

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: 55 mm
 - II. Hole diameter: Ø11 mm (2 holes)
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.