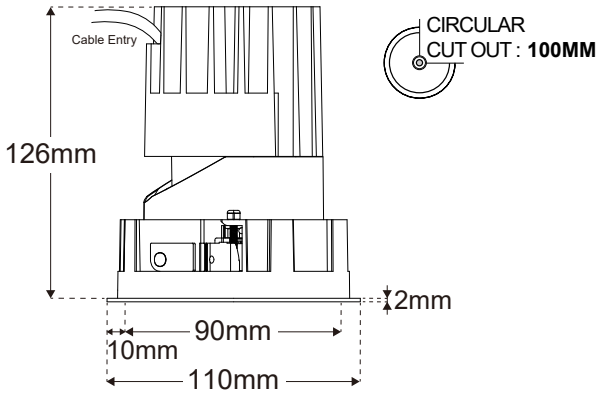
ORION-XL

Installation Instructions

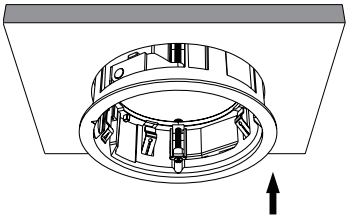
Dimensions



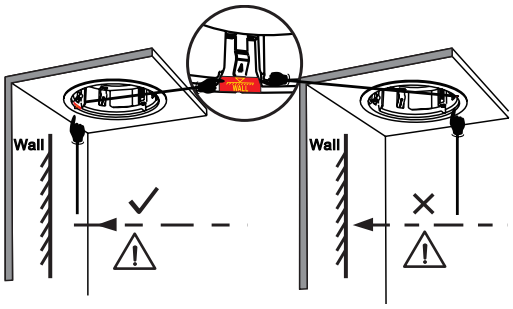
Instructions

Please ensure the power supply is fully switched off before carrying out any installation work.

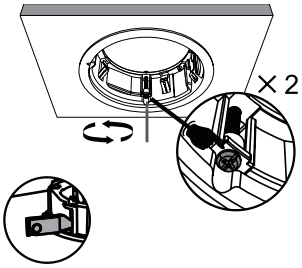
Step 1 – Insert the Luminaire Outer Ring
Check that the ceiling cut-out matches the required size, and ensure the surrounding surface is clean and free from debris. Position the outer ring of the luminaire into the ceiling cut-out.



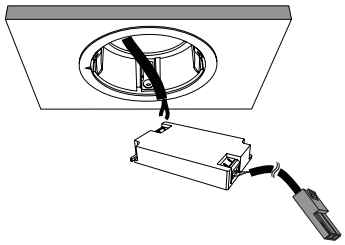
Step 2 – Luminaire Outer Ring Position
Ensure the wall-marking indicator faces toward the wall.



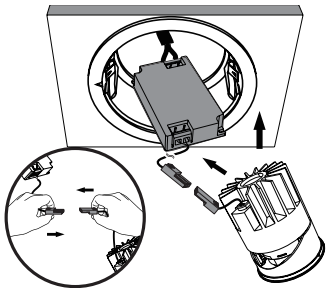
Step 3 – Secure with Screws
Tighten the two mounting screws to lock the luminaire outer ring frame securely into place. A clear "click" should indicate proper engagement.



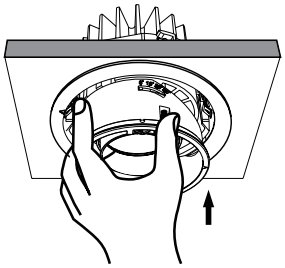
Step 4 – Connect the Mains Supply
Pass the mains cable through the opening and connect the driver wiring to the mains supply in accordance with all relevant wiring regulations.



Step 5 – Connect the Driver to the Luminaire
Attach the luminaire connector to the LED driver, ensuring the connection is firm and fully secured.



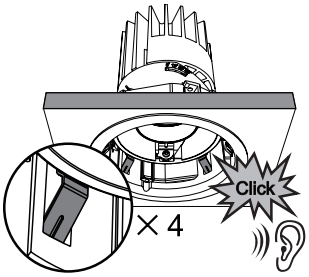
Step 6 – Position the Driver and Insert the Luminaire
Feed the LED driver through the ceiling cut-out and position it safely within the ceiling void, ensuring no cables are pinched or overstretched. Insert the luminaire into the ceiling cut-out.



Instructions Continued

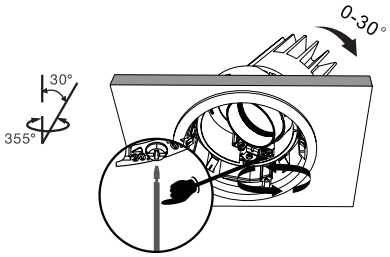
Step 7 – Fix the Unit in Place

The fixture should engage with a clear click when correctly secured.



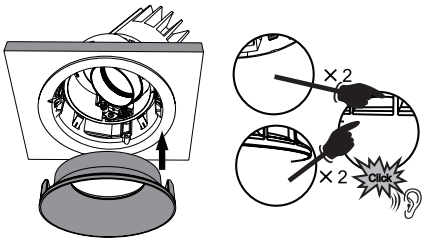
Step 8 – Adjust the Light

Tilt or rotate the light module as required to suit your application. Screw the product in position to ensure it is firmly mounted.



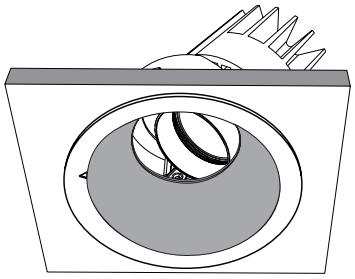
Step 9 – Refit the Bezel

Align the bezel with the front of the fixture and push it back into place. Ensure it locks securely and sits flush with the ceiling

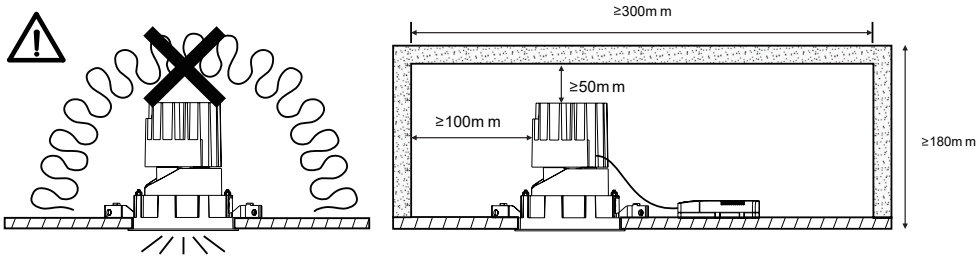


Step 10 - Restore Power

Check that the installation is secure, then switch the mains power back on and verify correct operation.



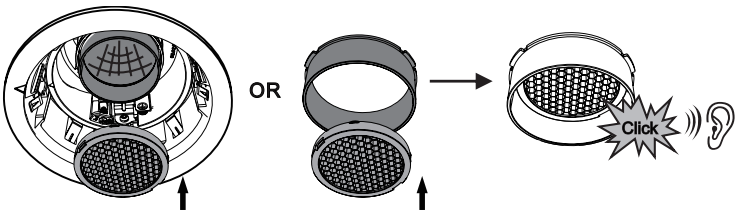
Maintenance



- Do not cover the luminaire or its driver with insulation.
- Maintain a minimum clearance:
  - ≥50 mm above the luminaire.
  - ≥100 mm from nearby objects or heat-sensitive materials.
- Ensure the void depth meets the manufacturer's requirements for safe airflow and heat dissipation.

Honeycombe Louvre

(Optional Accessory – Ordered Separately)

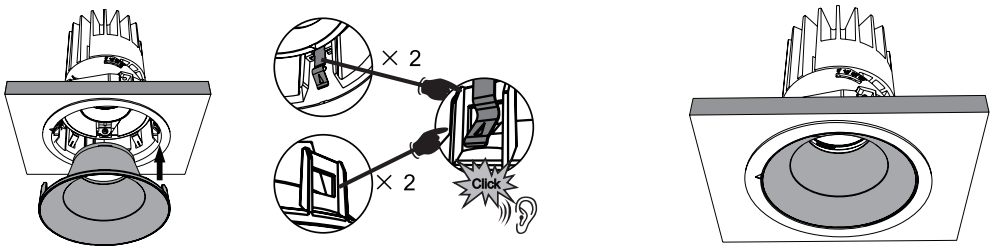


- Insert the honeycomb louvre into the front of the luminaire or into the accessory ring, depending on the configuration.
- Push the louvre firmly into place until it locks with an audible click.

ORION-XL
Installation Instructions

Deep Recessed Reflector

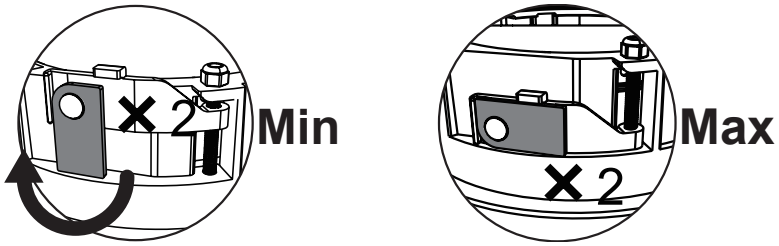
(Optional Accessory – Ordered Separately)



- Position the deep recessed reflector underneath the luminaire and align it with the mounting points.
- Secure the reflector by tightening the two fixing clips on each side until they click into place.
- Check that the reflector is fully seated and sits flush with the luminaire front.

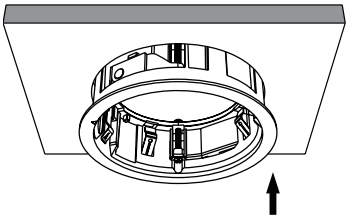
Wall Wash Reflector

(Optional Accessory – Ordered Separately)

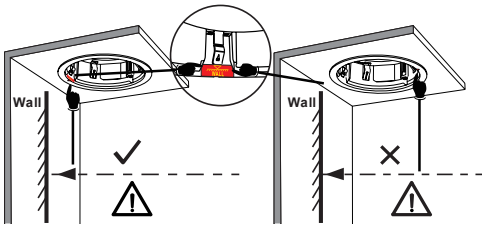


Please ensure the power supply is fully switched off before carrying out any installation work.

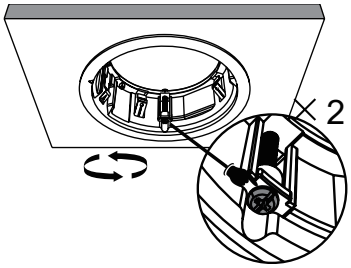
Step 1 – Insert the Luminaire Outer Ring
Check that the ceiling cut-out matches the required size, and ensure the surrounding surface is clean and free from debris. Position the outer ring of the luminaire into the ceiling cut-out.



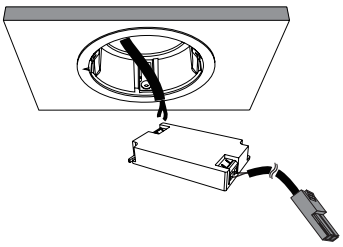
Step 2 – Align the Wall-Wash Orientation
Ensure the wall-marking indicator on the luminaire faces toward the wall to be illuminated.



Step 3 – Secure with Screws
Tighten the two mounting screws to lock the luminaire outer ring securely into place. A clear "click" should indicate proper engagement.

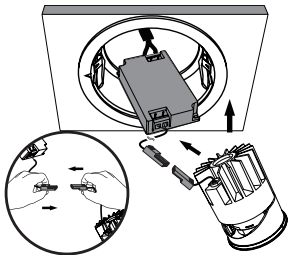


Step 4 – Connect the Mains Supply
Pass the mains cable through the cut-out and connect the driver wiring to the mains supply in accordance with all relevant electrical regulations.

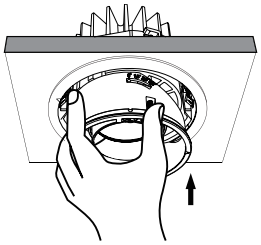


Instructions Continued

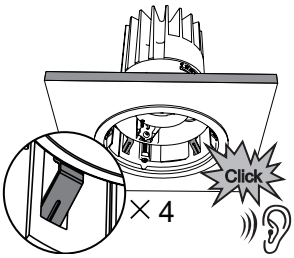
Step 5 – Connect the Driver to the Luminaire
Attach the luminaire connector to the LED driver, ensuring the connection is firm and fully secured.



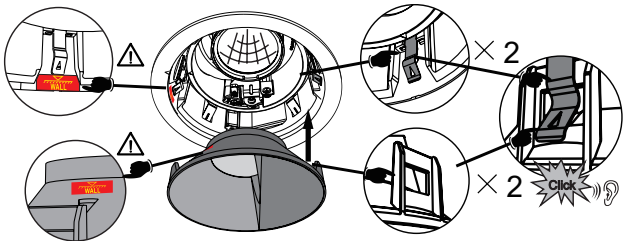
Step 6 – Position the Driver and Insert the Luminaire
Feed the driver into the ceiling void and position it safely, ensuring no cables are pinched or overstretched. Insert the luminaire body into the outer ring.



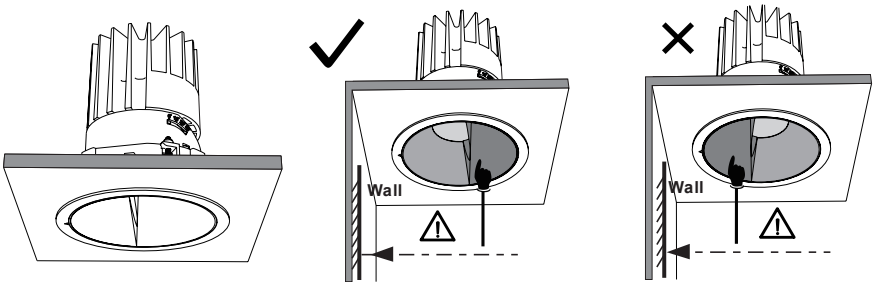
Step 7 – Lock the Unit in Place
Press the luminaire upward until it clicks securely into the mounting ring. Verify that all four locking clips are fully engaged.



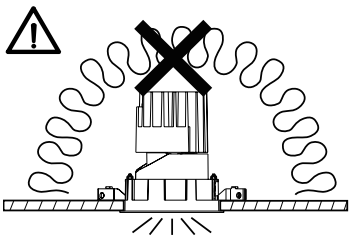
Step 8 – Install the Wall Wash Reflector
Position the wall-wash reflector inside the luminaire and secure the reflector by tightening the two fixing clips on each side until they click into place.

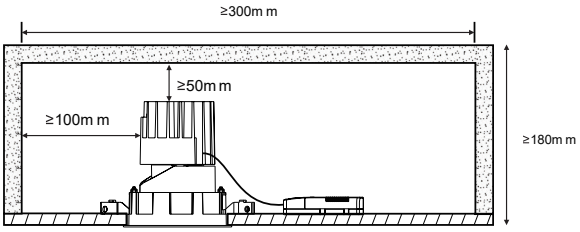


Maintenance



- Check that the reflector opening faces directly toward the wall to be illuminated.
- A forward-facing orientation ensures the correct wall-wash effect.
- Do not install the reflector facing away from the wall, as this will result in incorrect lighting distribution.

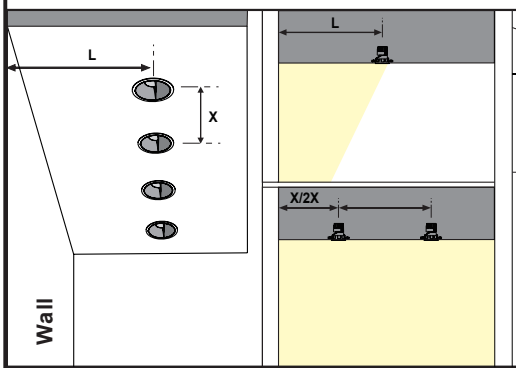




- Do not cover the luminaire or its driver with insulation.
- Maintain a minimum clearance:
  - ≥50 mm above the luminaire.
  - ≥100 mm from nearby objects or heat-sensitive materials.
- Ensure the void depth meets the manufacturer's requirements for safe airflow and heat dissipation.

Maintenance Continued

Suggestions on Installation Distance for Uniform Lighting Effects



X(mm) L(mm) / MODEL	500 mm	550 mm	600 mm	650 mm	700 mm	750 mm	800 mm	850 mm	900 mm	950 mm	1000 mm	1050 mm	1100 mm	1150 mm	1200 mm
ORION-XL	500 mm	550 mm	600 mm	650 mm	700 mm	750 mm	800 mm	850 mm	900 mm	950 mm	1000 mm	1050 mm	1100 mm	1150 mm	1200 mm

- Refer to the spacing chart to determine the correct distance from the wall for your specific ORION-XL model.
- Mount the luminaires at the suggested offset (L) and spacing (X) to achieve even illumination across the wall surface.
- Correct positioning provides a smooth, uniform wash of light.

Disclaimer

This product must be installed by a skilled or instructed person in accordance with the current edition of the IET Wiring Regulations BS 7671 "Requirements for Electrical Installations" and the Buildings Regulations, as may be applicable subject to the location and country of the installation.

Should this product be modified, misused or not installed as per the instructions given, the product warranty shall be rendered void.

All information contained within these installation instructions manual is provided in good faith. Orlight shall not be held responsible for any losses incurred as a result of the Customer's failure to follow the instructions manual thoroughly and in its entirety or failing to inspect the product for missing parts and/or any defects prior to installation.

For full Terms and Conditions, please visit our website at: **https://www.orlight.com/en/terms-and-conditions.html**

Hole Cut Out:
Orlight does not recommend cutting of holes prior to receipt of product in hand. Please refer to reverse or Orlight's technical support/website for recommended hole cut out.

Wiring:
Disconnect the mains supply before installation. Ensure that the unit is installed and maintained by a certified professional and that installation conforms to any local building control standard applicable.

Accessories:
Please ensure that any accessory used in conjunction with these products is approved by Orlight. Failure to do so will void any product guarantee. Orlight will not be held responsible for any loss incurred be it direct or consequential.

NOTE – Light fittings in general can become hot whilst in operation. It is advisable that they do not come into contact with any flammable materials such as fabrics, furniture, soft furnishings or touched during/after operation.