



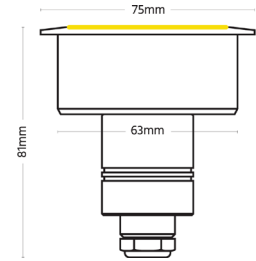
CAUTION

- Installation should only be performed by a qualified professional.
- Install in accordance with all appropriate wiring standards.
- DALI is not SELV and needs to be wired accordingly.
- Never connect a LED luminaire to a driver that is powered. Doing so may result in damage to the LED.
- Always make sure the output voltage range and output current of the LED driver match the requirements of the LED luminaire. Failure to do so may result in damage to both the driver and the luminaire.
- Do not install under mechanical stress.
- Allow for expansion due to changes in temperature.
- Warranty void if damage is caused by water ingress through cables. Cable join must be sealed or in a dry location. Water entering the cable may damage the luminaire.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- Please be aware that while the system has a very long operational life, faults may occur, and provision needs to be made for maintenance.
- Always turn off power before working on luminaire.

Overview

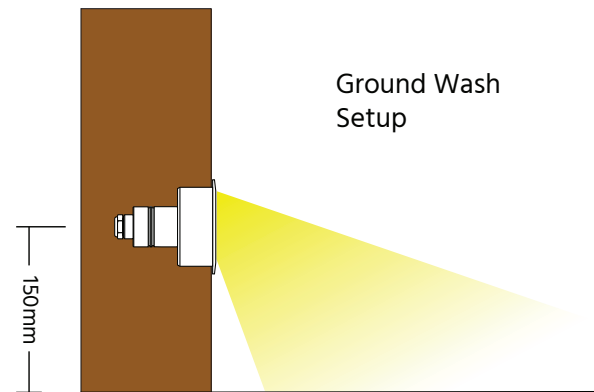
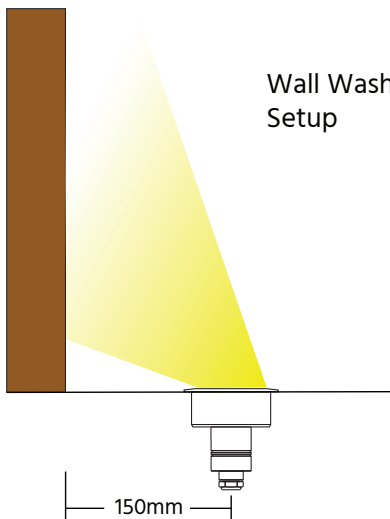
Dimensions

Luminaire	75mm x 81mm
Weight	550g
Hole Cut Out	65mm
Panel Thickness	2mm - 20mm
Fits Pipe	DWV65



*Refer to page 3 for wiring diagrams and pages 4-7 for installation.

Luminaire Placement

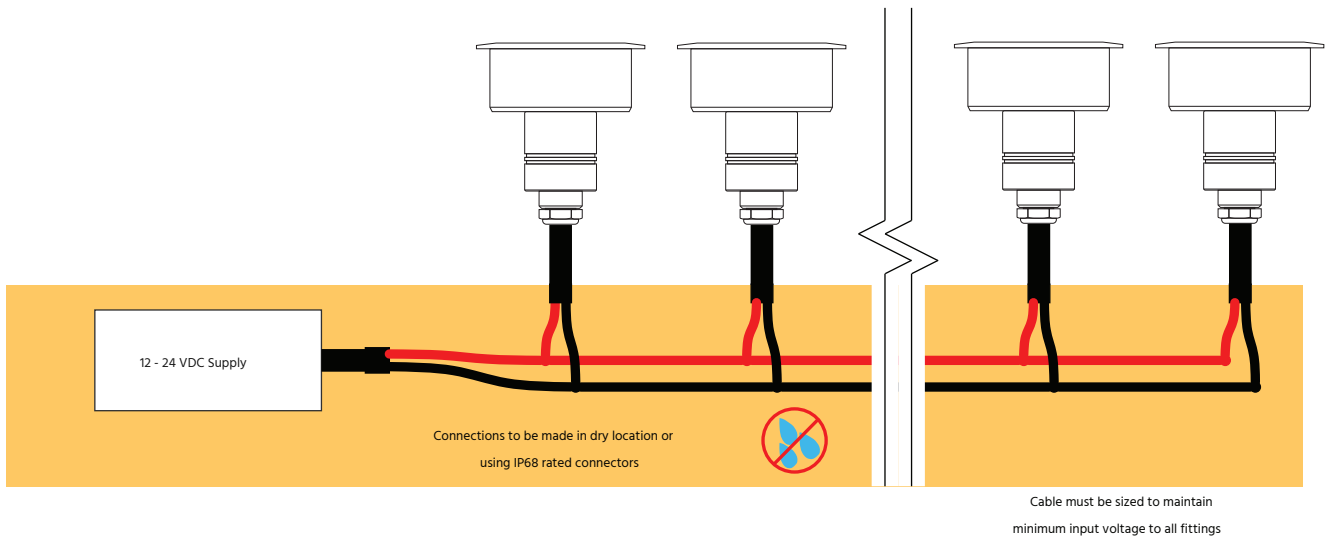


*Generally, luminaire is to be mounted 150-200mm from subject.

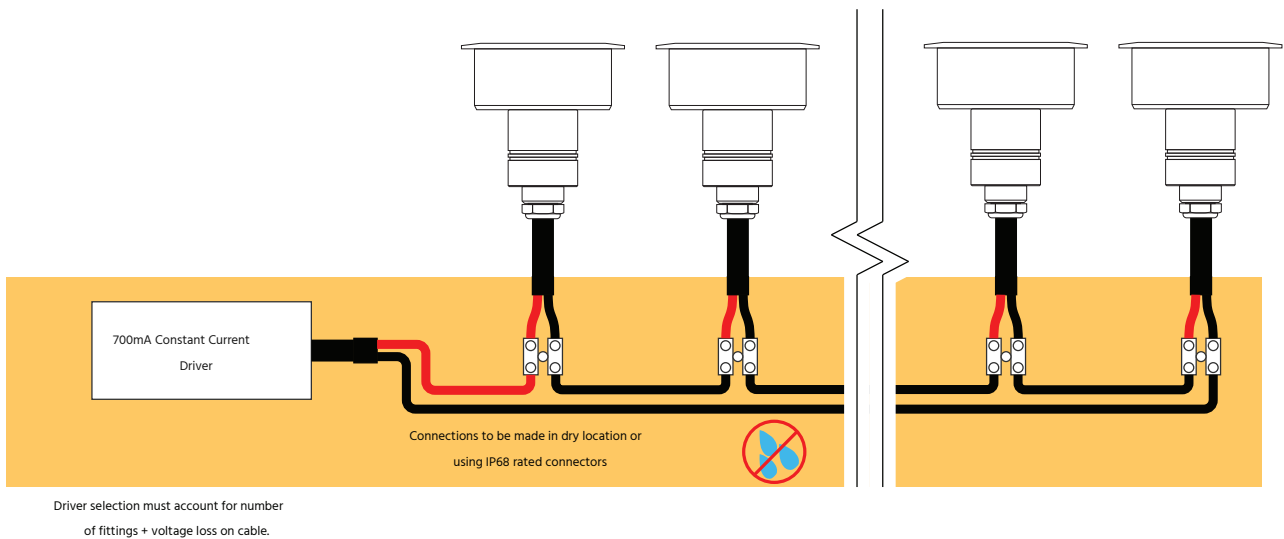
Wiring Diagrams

Single Colour

Non-Dimmable Luminaires



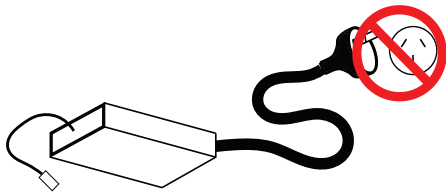
Dimmable Luminaires



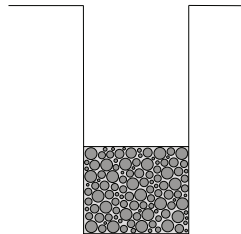
Note: Drivers should not be covered. Drivers rely on convection air flow for cooling and covering them may cause them to enter thermal regulation.

Installation - Inground

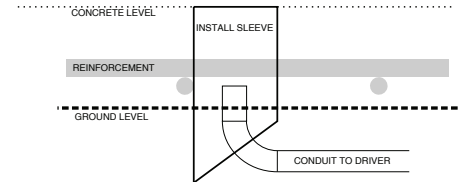
Installation Process - Concrete



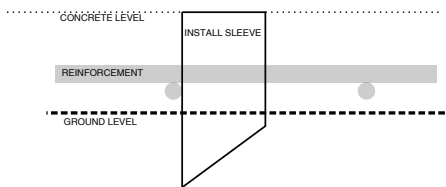
1. Install drive gear. Leave power off.



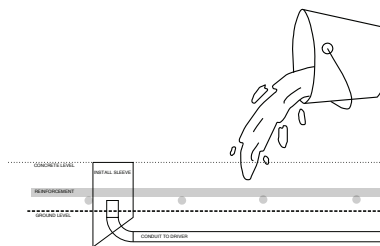
2. Prepare location by installing free draining material in the base of the hole to a depth of 300mm.



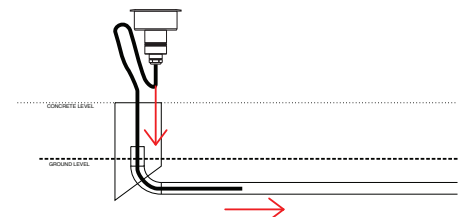
3. Run cable conduit from the drive gear to the mounting sleeve.



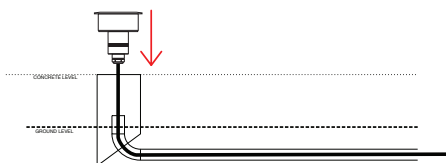
4. Place mounting sleeve in desired location & secure to reinforcement for pouring. Align the top of the mounting sleeve to be flush with the surface of the concrete. (Sleeve sold separately).



5. Pour concrete. Avoid filling the mounting sleeve. Clean out mounting sleeve if required.



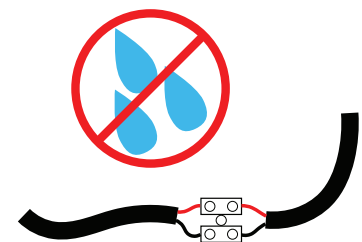
6. Pull cable through cable conduit to dry location for any joins. Refer to Wiring Diagrams.



7. Feed the fitting into the mounting sleeve until it is flush with the surface. If desired, the luminaire can be secured in place using a neutral cure silicone.



8. Luminaires have a non-symmetrical beam. Ensure luminaires are rotated to correctly orientate the beams as required.

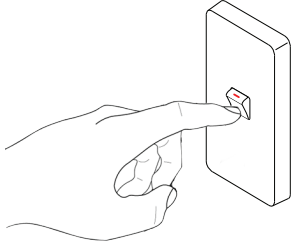


9. Connect fittings to drive gear. All connections should be in a dry location or made using IP67/IP68 connectors.

Note: Non-dimmable luminaires are connected in parallel while dimmable luminaires are connected in series. Refer to Wiring Diagrams.

Installation Continued

Installation Process - Concrete

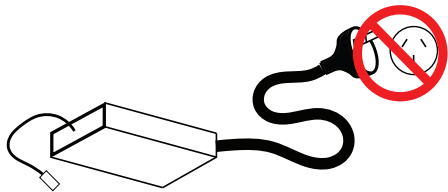


10. Connect to power.

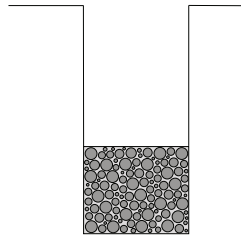
Note: Non-dimmable luminaires are connected in parallel while dimmable luminaires are connected in series. Refer to Wiring Diagrams.

Installation - Inground

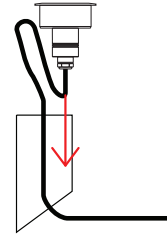
Installation Process - Soil



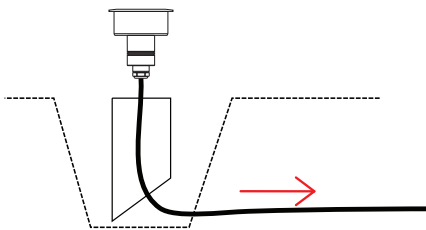
1. Install drive gear. Leave power off.



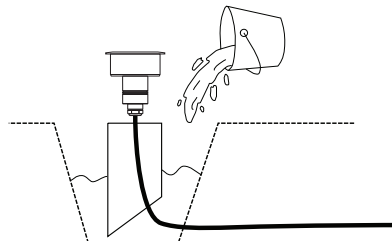
2. Prepare location by installing free draining material in the base of the hole to a depth of 300mm.



3. Feed cable through the mounting sleeve. (Sleeve sold separately).



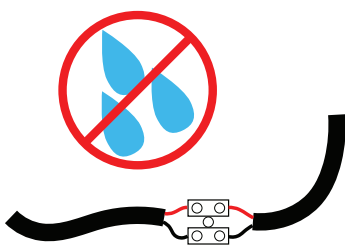
4. Place mounting sleeve and fitting in desired location and run cable back to dry location for any joins. Refer to Wiring Diagrams



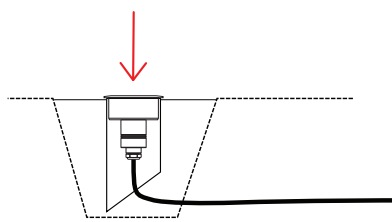
5. Back fill around mounting sleeve to be flush with top surface.



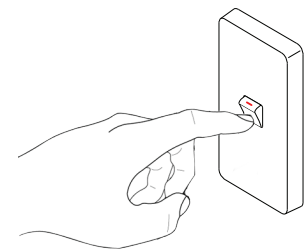
6. Luminaires have a non-symmetrical beam. Ensure luminaires are rotated to correctly orientate the beams as required.



7. Connect fittings to drive gear. All connections should be in a dry location or made using IP67/IP68 connectors.



8. If desired, luminaire can be secured in place using a neutral cure silicone.

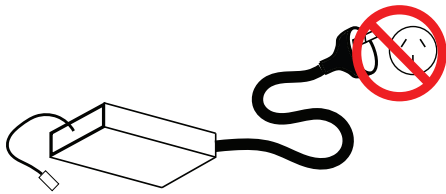


9. Connect to power.

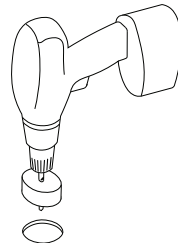
Note: Non-dimmable luminaires are connected in parallel while dimmable luminaires are connected in series. Refer to Wiring Diagrams.

Installation - Locking nut

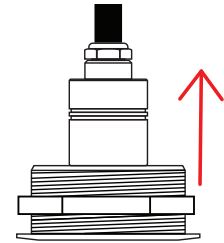
Installation Process - Threaded Head only



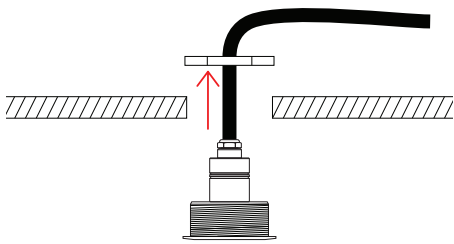
1. Install drive gear. Leave power off.



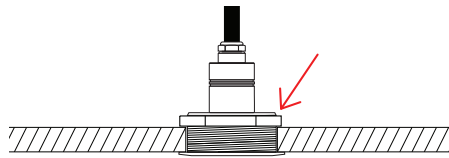
2. Cut a hole at the specified diameter.



3. Remove locking nut from the fitting.



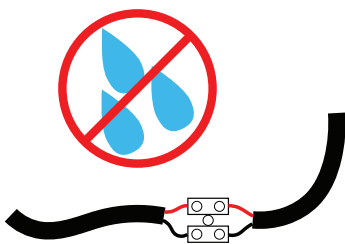
4. Feed the cable through the hole and locking nut and run back to a dry location for any joins. Refer Wiring Diagrams.



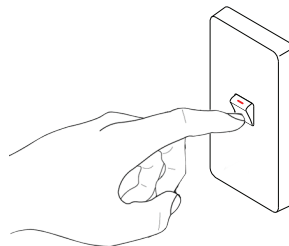
5. Feed the luminaire into the hole, then secure it in place using the locking nut.



6. Luminaires have a non-symmetrical beam. Ensure luminaires are rotated to correctly orientate the beams as required.



7. Connect fittings to drive gear. All connections should be in a dry location or made using IP67/IP68 connectors.



8. Connect to power.

Note: Non-dimmable luminaires are connected in parallel while dimmable luminaires are connected in series. Refer to Wiring Diagrams.