



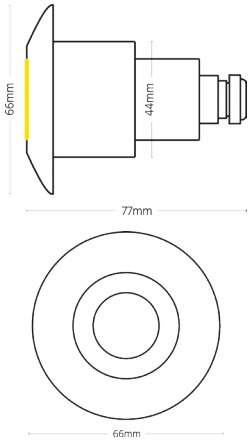
CAUTION

- 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.
- For operation only with SELV control gear conforming with AS/NZS 61347 series.
- 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.
- This is an extra low voltage product.
- Avoid excessive strain on the luminaire cable fixing during installation. Take care not to nick or damage the cable. Always terminate in a dry location or use a suitable sealed connection.
- We recommend either that full unjoined cable be used (back to a dry location) or a suitable weatherproof (IP68) joining method be used.
- There are many standard ways that fully waterproof (IP68) reliable connections can easily be made if a loop wiring system is required. These include electric junction boxes that are filled with one of the readily available potting encapsulates specifically made for this type of application.
- Stainless Steel products should only be cleaned with scratch-free cleaners that do no damage the surface.

Overview

Spa Jet

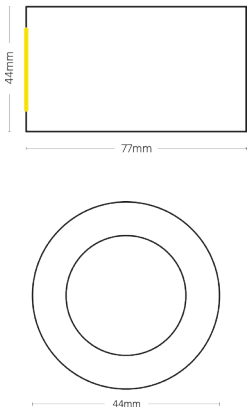
Dimensions - Single Colour	66mm x 77mm
Dimensions - RGB model	66mm x 86mm
Weight	326g
Fits Pipe	40mm Class 9 Pressure pipe



*Refer to page 3-4 for wiring diagram and page 5 for installation.

Flush Mount

Dimensions - Single Colour	43.7mm x 77mm
Dimensions - RGB Model	43.7mm x 86mm
Weight	342g
Fits Pipe	40mm Class 9 Pressure pipe



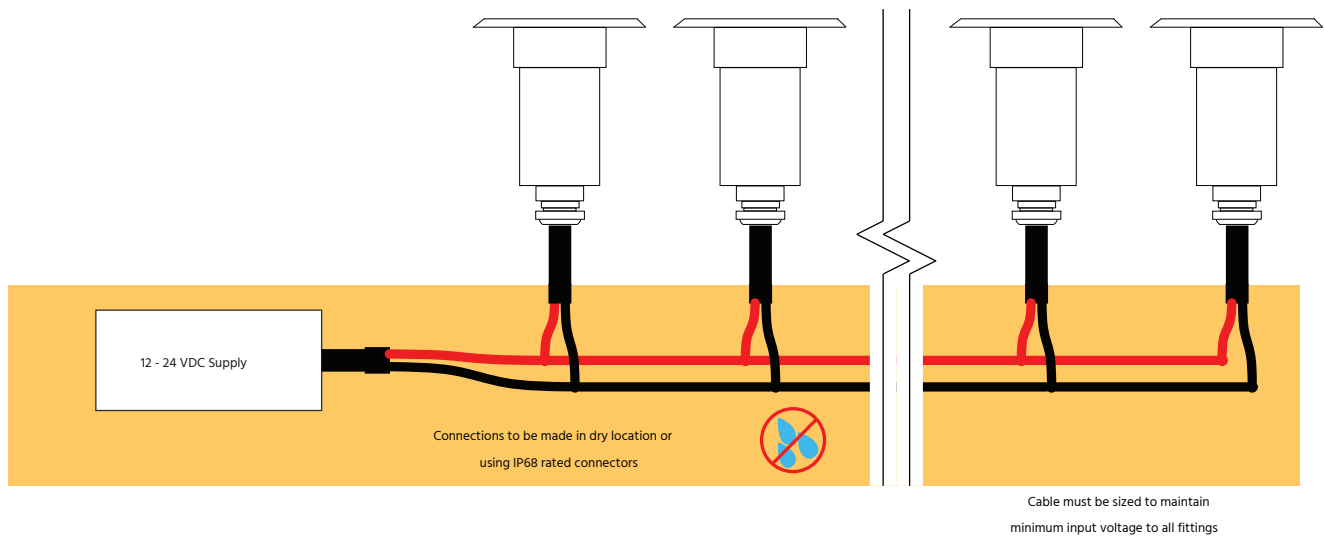
*Refer to page 3-4 for wiring diagram and page 6 for installation.

Wiring Diagrams

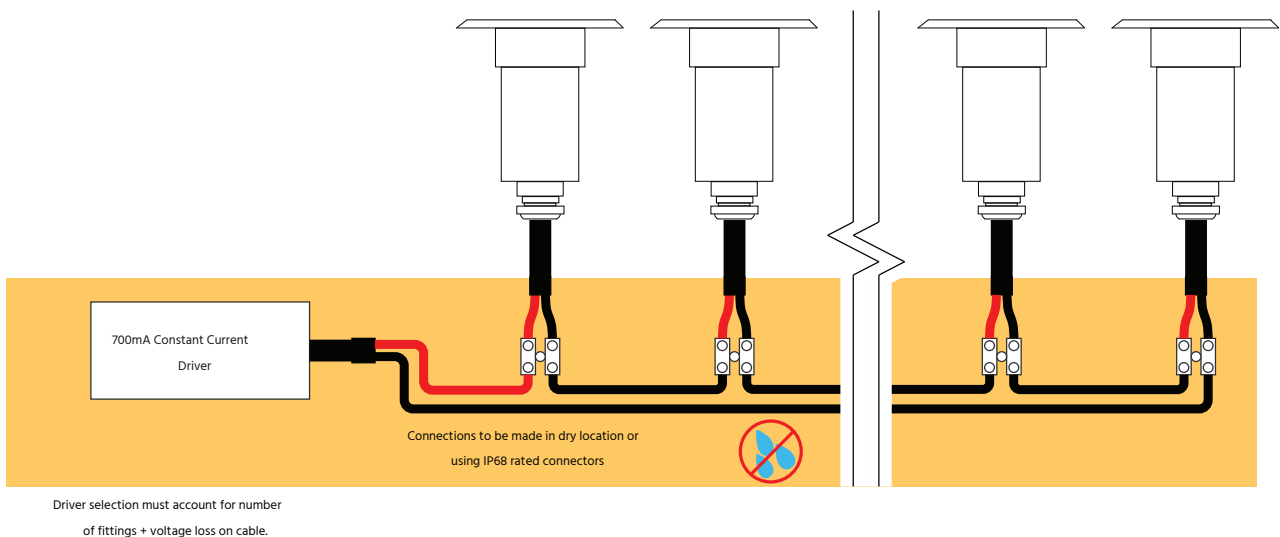
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Single Colour

Non-Dimmable Luminaires



Dimmable Luminaires



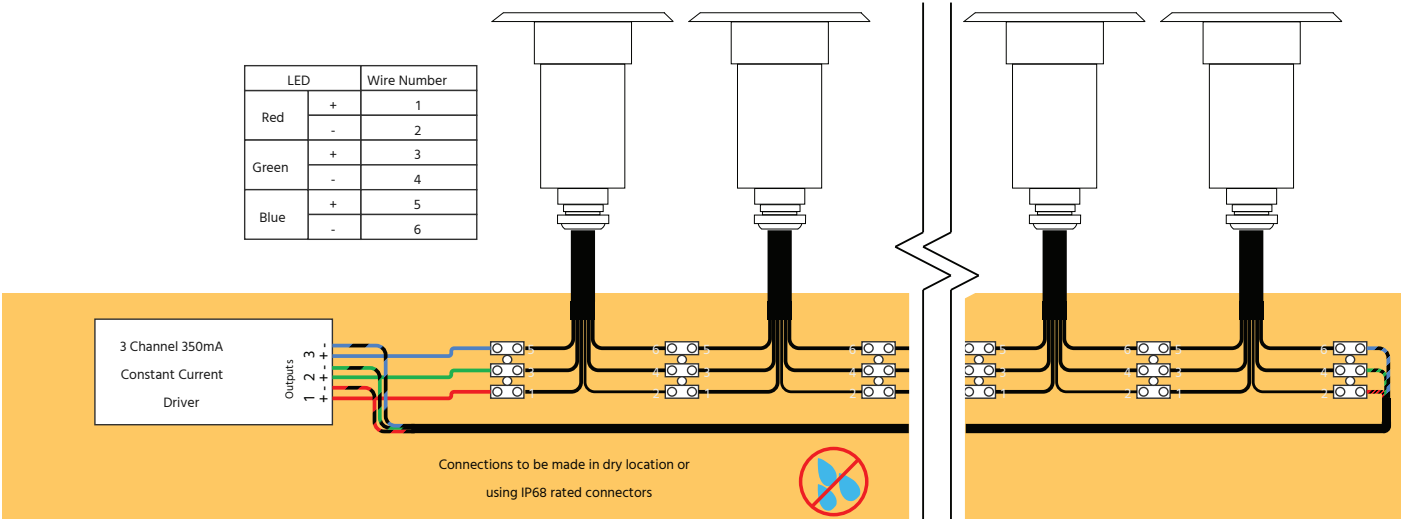
Note: Drivers should not be covered. Drivers rely on convection air flow for cooling and covering them may cause them to enter thermal regulation.

Wiring Diagrams

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RGB Model

Dimmable Luminaires



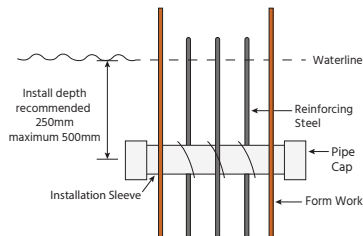
Driver selection must account for number of fittings + voltage loss on cable.

Note: Wire colours are indicative only. Colours may vary.

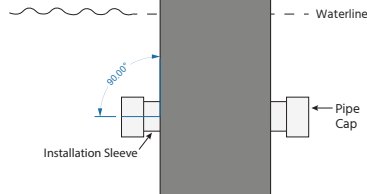
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Installation - Underwater

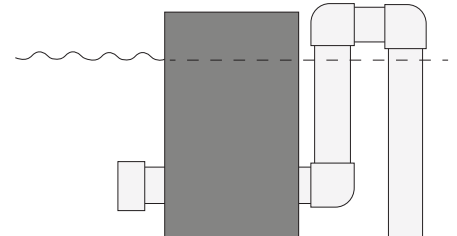
Installation Process - Spa Jet



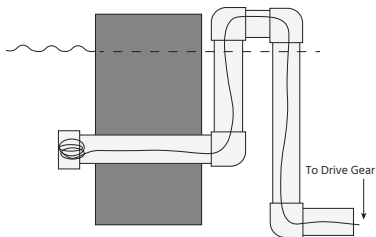
1. During construction of the pool, install fixture pipe in each luminaire location. Use 40mm Class 9 Pressure Pipe. Recommended install depth is 250mm. Maximum 500mm.



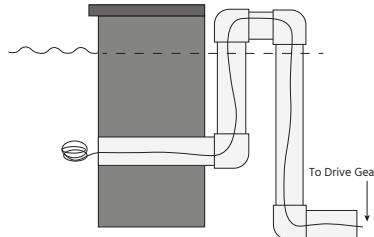
2. Ensure installation pipe is installed perpendicular to the wall so that the fixture/s can be installed straight. Allow pipe excess of minimum 50mm to protrude into pool area.



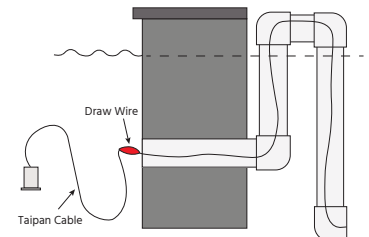
3. Extend pipe work from back of starter pipe, ensuring pipe/conduit run goes above the waterline to create and airlock.



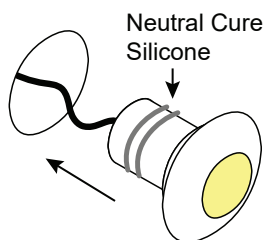
4. Apply draw-wire or conduit snake to facilitate cabling at a later date.



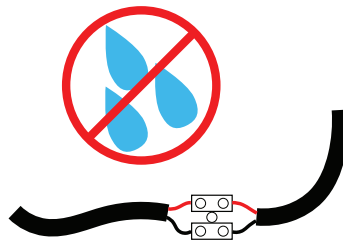
5. Once the pool wall is finished (paint, tiles etc), cut off excess pipe to be flush with the wall. Clean the surface and internal areas of the pipe to ensure it is free of debris.



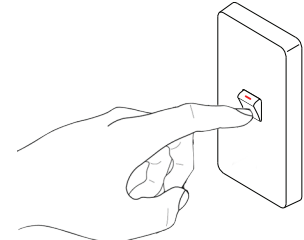
6. Run cable through the pipe to the driver location using a single continuous run with no joins. *



7. Mount Spa Jet luminaire into pressure pipe using neutral cure silicone and secure in place until silicone is cured.



8. Install drive gear and connect to luminaire cable.



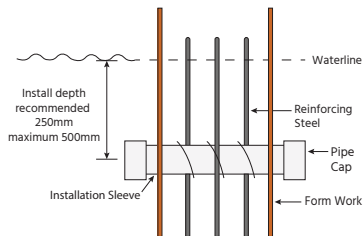
9. Connect to power.

*** If insufficient cable has been ordered with the luminaire, a waterproof cable join, using an approved IP68 waterproof joining kit in accordance with Wiring Regulations must be undertaken.**

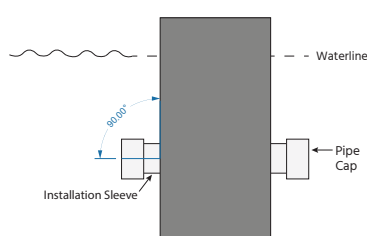
Note: Non-dimmable luminaires are connected in parallel while dimmable luminaires are connected in series. Refer to Wiring Diagrams.

Installation - Underwater

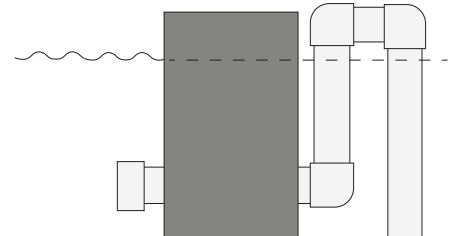
Installation Process - Flush Mount



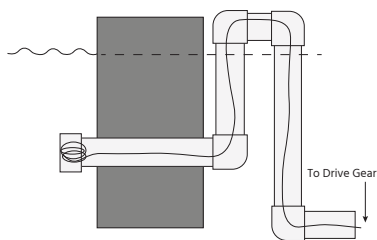
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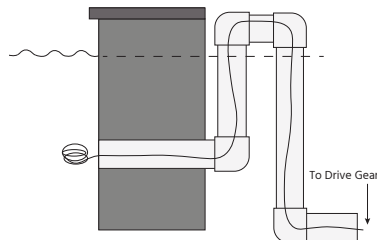
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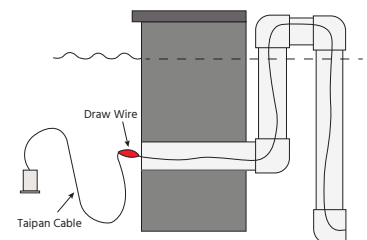
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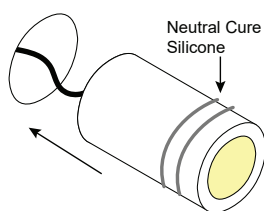
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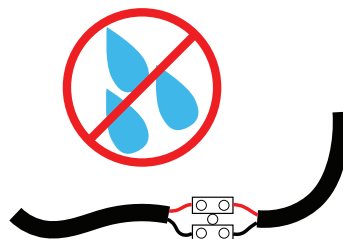
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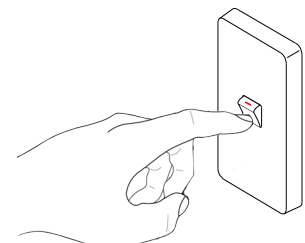
6. Run cable through the pipe to the driver location using a single continuous run with no joins. *



7. Mount Flush Mount luminaire into pressure pipe using neutral cure silicone and secure in place until silicone is cured.



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9. Connect to power.

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