



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.
- The light source contained in this luminaire shall only be replaced by the manufacturer, specified service agent or a similar qualified person.
- Do not install under mechanical stress.
- Allow for expansion due to changes in temperature.
- Please be aware that while the system has a very long operational life, faults may occur, and provision needs to be made for maintenance.
- All cabling connections should be sealed and protected.
- Always turn off power before working on luminaire.

Overview

Surface Mount, 500mm

Dimensions	63mm* x 75mm
Length	508mm
Weight	2.1kg

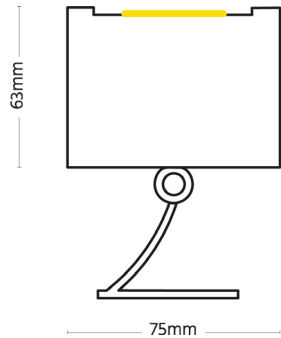
* Profile not including brackets



Surface Mount, 1000mm

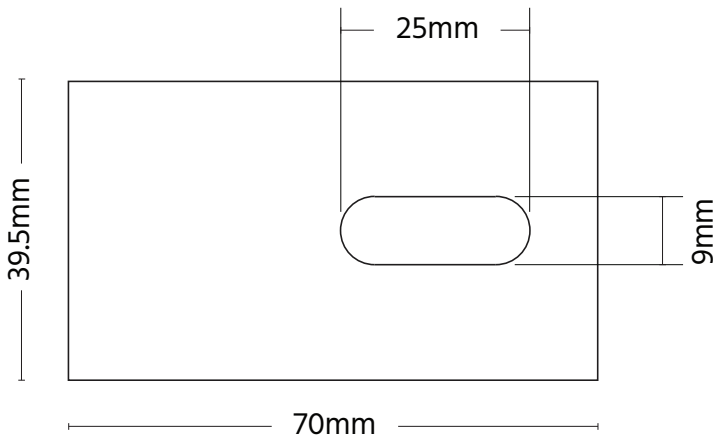
Dimensions	63mm* x 75mm
Length	995mm
Weight	4.1kg

* Profile not including brackets



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

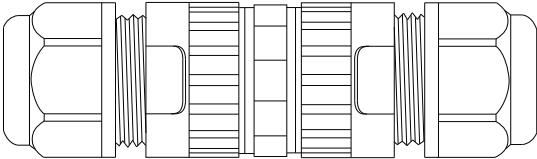
Mounting Bracket Base



Installation - Surface Mount

Wiring Diagram - Connecting to IP68 Rated Connector

Non-Dimmable Luminaires

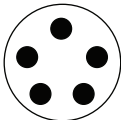
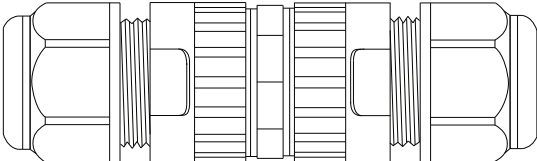


3 Pin

Colour	Designation
Red	Active
Blue	Neutral
Yellow	Earth

Number of Poles	IP Rating	Wire Section	Outside Cable Diameter	Stripping Length
3 Pin	IP68	0.5 - 1.5mm ²	9 - 12mm	10 - 12mm

DALI Dimmable Luminaires



5 Pin

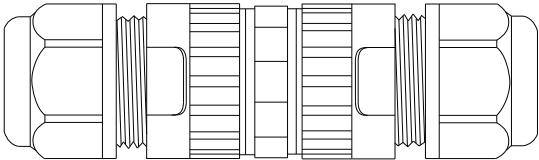
Number/Marking	Designation
1	Neutral
2	Active
3	Earth
4	DA
5	DA

Number of Poles	IP Rating	Wire Section	Outside Cable Diameter	Stripping Length
5 Pin	IP68	0.5 - 1.5mm ²	9 - 12mm	10 - 12mm

Installation Continued

DMX Dimmable

Power

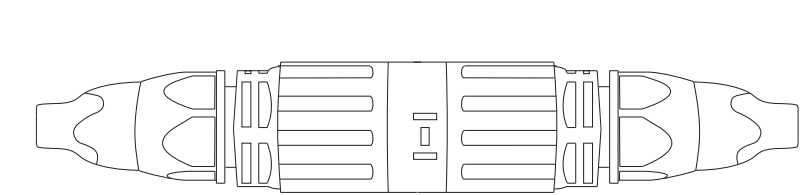


3 Pin

Colour	Designation
Red	Active
Blue	Neutral
Yellow	Earth

Number of Poles	IP Rating	Wire Section	Outside Cable Diameter	Stripping Length
3 Pin	IP68	0.5 - 1.5mm ²	9 - 12mm	10 - 12mm

DMX In / Out

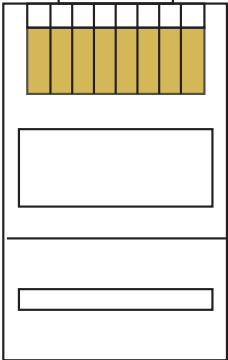


DMX ON CAT5/CAT6 Cables

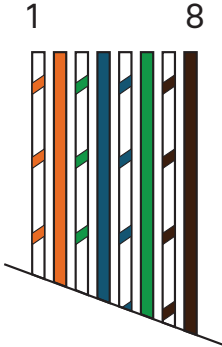
The Calibre uses RJ45 connectors for DMX as per E1.11-2008(R2013). DMX cabling uses straight through cables (ie both ends should be wired identically). The below table and diagram show the standard for the T568B wiring scheme.

RJ45 Pin	Wire Colour	Signal
1	Orange/White	Data +
2	Orange	Data -
3	Green/White	
4	Blue	*ColourTouch +
5	Blue/White	*ColourTouch -
6	Green	
7	Brown/White	Data Common
8	Brown	Data Common

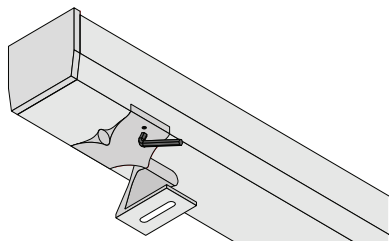
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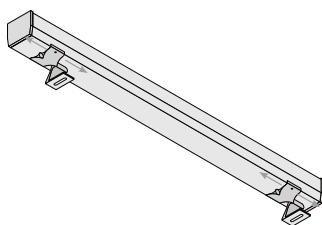
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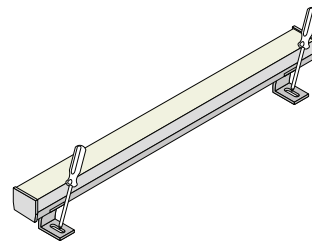
Installation Process



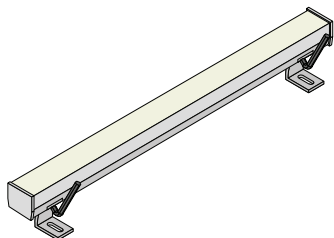
1. Loosen the grub screw holding the two mounting brackets in place.



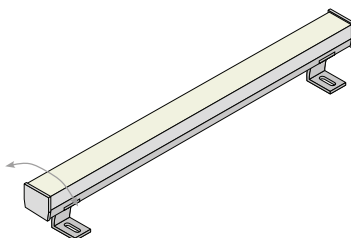
2. Slide the mounting brackets into the desired location.



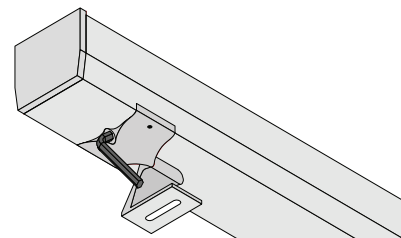
3. Secure the fitting to the mounting surface using suitable fasteners.



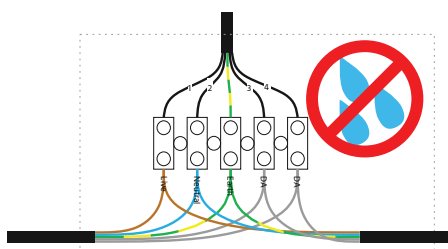
4. Lock the mounting brackets into place by tightening the grub screws.



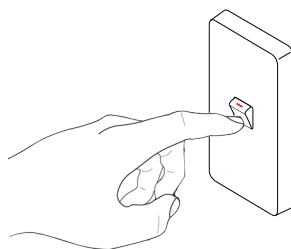
5. Adjust the fitting angle as required.



6. Lock the fitting angle by tightening the screw on the mounting bracket.



7. Connect power (and data if applicable) using a suitable waterproof method. See wiring instructions.



8. Connect to power.

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

For technical information or support, call us on +617 3899 1267 or refer to www.digilin.com.au.