

Emergency Range

Installation instructions for JC50313 Emergency Self Test Exit Bulkhead



Warnings & Cautions

- To avoid electric shock, serious injury or property damage, isolate power before installing, removing or servicing the product.
- It is recommended that luminaires are installed by a qualified electrician to ensure the installation complies with the local current wiring regulations.
- Any broken or damaged parts should be replaced as soon as possible. JCC will not accept responsibility for claims arising from sub-standard installations; which will void the warranty.
- This product is designed for connection to a 220-240V~ 50/60Hz.
- It may be necessary to upgrade your MCBs to allow for increased inrush current.
- This product is suitable for indoor or outdoor use.
- It is recommended that the ambient room temperature should not exceed 30°C.
- Read instructions and check that you have all of the tools and accessories required to complete the installation correctly. Isolate power supply before starting installation.
- Do not carry out insulation tests with the product connected to the circuit.

INSTALLATION

ENGLISH

7W 220-240V~ 50/60Hz - Class I

Maintained(3M) + on/off Switched + Emergency (remove link)		U/sw Live: Brown Neutral: Blue Sw/Live: Black
Maintained(3M) + Light on 24/7 + Emergency (keep link)		U/sw Live: Brown Neutral: Blue Sw/Live(linked)
Non-Maintained(3NM) + Light off 24/7 + Emergency (remove link)		U/sw Live: Brown Neutral: Blue (do not use)

Installation procedure

- Remove the two screws holding the diffuser to gain access to the interior.
- Press the two tabs to release the LED tray to access the mains input terminal. This is hinged so the LED tray remains attached to the body.
- Cable entry is available through rear, top and bottom or both ends (ensure appropriate grommets or compression couplings are used to maintain the IP65 rating where required).
- Connect the mains input supply as indicated to the left for the required operation.
- Connect the emergency battery leads to the circuit board where indicated.
- Relocate the LED tray, ensuring it is secured using the tabs.
- Refit the diffuser ensuring there is a good seal to maintain the IP65 rating.
- Switch on mains supply and test for operation (allow 24hrs for batteries to charge).
- Fit the legend on the front of the diffuser to suit the application from the four choices which are included.
- Familiarise yourself with the enclosed emergency fittings test record sheet and ensure it is completed as required and left with the end user.

This product performs a self-commissioning test at first power on. After charging for 24 hours a full duration test (3 hours) is performed. Initial function and duration tests are randomly generated. They are then performed in accordance with standard requirements (every 30 days for function tests and every 52 weeks for duration tests).

A single bi-colour indicator and test button is fitted to this product. This LED is clearly visible for manual inspection. It indicates the module status (see table below). The LED shows permanent green or flashing green when conditions are normal and flashing red if a fault condition is present.



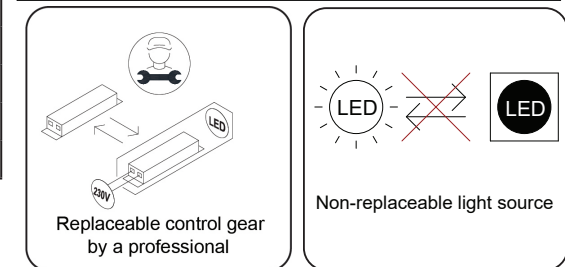
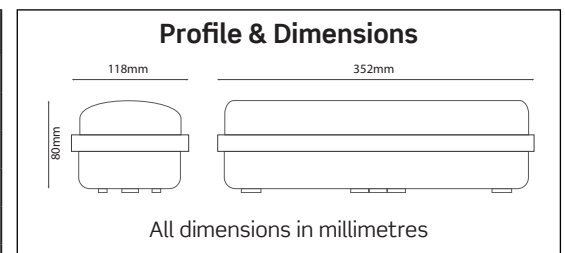
Function test

A function test is a 2 minute test that simulates a mains failure and checks the operation of the emergency light source from the battery supply. The local indicator LED slow flashes green whilst the 2 minute function test is in progress. If there is a failure during a function test the local indicator LED changes to a flashing red.

Duration test

A duration test simulates a mains failure. It also checks the operation of the emergency light source from the battery supply for the rated duration of the module. The LED indicator fast flashes green whilst the duration test is in progress. If there is a failure during a duration test the indicator LED either changes to a permanent or flashing red. The battery is required to be fully charged before a duration test can be started.

Operation/Testing	LED Indicator	Status
Normal operation	green solid	Mains on/No fault
Manually press for approx 1 second	Off	Emergency mode for 1 second
Manually press for approx 5 seconds	Slow green flash	Function test - 30 seconds
Manually press for approx 7 seconds	Fast green flash	3 hour duration test
Manually press for approx 10 seconds	off (reset to green solid)	end duration test
Normal operation	Slow green flash	Auto function test - 2 minutes
Normal operation	Fast green flash	Auto 3 hour duration test
Fault indication	Single red flash	Battery fault
Fault indication	Double red flash	LED fault
Fault indication	Triple red flash	Duration test fault



CE UK RoHS Compliant IP65 JCC.co.uk

Important warranty information

This product is supported by a 2-year standard warranty which will extend to 3 years if registered within the first year of purchase. (2 year on batteries). Please register at jcc.co.uk/warranty - Terms and conditions apply.

The installer will be asked to provide the following information, which is detailed on a label attached to the luminaire's chassis: Product Code/Date Code.

