

## Installation Instructions

# STINGRAY FAST FIT EXIT RANGE OF LUMINAIRES

Please read these instructions carefully before installing or maintaining this equipment. This data should be used as a guide only. Good electrical practices should be followed at all times.

### CAUTION

**DO NOT MEGGA** after installation. It is recommended that you remove the product housing from the base plate before doing an insulation resistance check.

### SPECIFICATION

Type of Protection	Class 1
IP Rating	IP20
Nominal Voltage	240V
Nominal Frequency	50Hz
Nominal Run Current	80mA

### APPLICATION

The Stingray exit luminaires are designed for surface mount applications - both wall and ceiling mount positions. Cable entries are provided on the mounting plate for top or side cable entry.

### INSTALLATION

- A Press down locking mechanism located at the front of the luminaire. Draw back mounting bracket sideways and remove from product.
- B Ceiling Mount: Secure with suitable screws to a flat surface via mounting locations provided.
- C Wall Mount: Drill two holes in the mounting locations provided and remove entry hole for cable entry. Secure with suitable screws to a flat surface via the pre-drilled holes.
- D Feed mains cable through the entry hole.
- E Remove connector block from the bracket and wire the mains cable as per the wiring instructions. Note: To avoid interference with the locating pins of the product, ensure the stripped conductors terminated in the tunnel of the connector are no longer than 8mm.

**NOTE:** Maintained luminaires are pre-wired for Unswitched Active only. Remove link wire if a separate (same phase) Switched Active is supplied.

- F Secure the cable with a cable tie, not provided, through strain relief provided.
- G Slide the housing back on the bracket securely.

### TOOL REQUIREMENTS

Installation tools include 3mm flat blade screwdriver, pliers, knife, wire strippers and cutters.

### WIRING INSTRUCTIONS/MAINTAINED & NON-MAINTAINED

Connect supply cable directly to terminal block as follows:

- Maintained
 

Contact to terminal marked	Looped EARTH
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- Sustained
 

Neutral to terminal marked	Neutral
Unswitched active to terminal marked	Unswitched Active
- Non-Maintained
 

Contact Earth to terminal marked	Earth
Neutral to terminal marked	N
Unswitched active to terminal marked	Unswitched Active

### NOTE:

The Maintained PCB can also be used as a Non Maintained PCB. Remove link wire. Do not run Switched Active.

### TESTING

Self Contained Luminaires:

It is recommended that a full duration test (following) be carried out prior to commissioning.

- Connect the Unswitched active feed for 16 hours.
- This causes the red LED to light showing that the internal batteries are charging.
- Check the lamp lights.
- After 16 hours disconnect the supply at source.
- Check for the rated duration period.
- Pressing the test button carries out a quick confidence test.

### ROUTINE TESTING

Routine tests should be carried out in accordance with the Australian Standard AS/NZS 2293 part 2. Batteries should be replaced when the rated duration is no longer achieved.

### BATTERY REPLACEMENT

Performance of the luminaire is dependant on the use of NiCAD batteries. When disposing of batteries do not pierce, incinerate or short circuit. Dispose the batteries in accordance with recognised disposal methods.

