

## Installation Instructions

# DIRECTOR 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 disconnect live and neutral wires from the unit before an insulation resistance check.

### SPECIFICATION

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

### APPLICATION

Directional Exit Luminaire. The luminaire is designed for surface mounting. A 20mm cable entry is provided at the rear of the luminaire.

### INSTALLATION

- A Remove gear tray from the luminaire body.
- B Fix test switch into test switch hole on the gear tray and secure  
Note: Test switch is not fixed by manufacturer to protect switch from mechanical damage during transit.
- C Fix the body on a smooth flat mounting surface using the 4 fixing holes provided. Note: When installing an exit sign the test switch and red LED should face downwards.
- D Feed the supply cable through the rear cable entry.
- E Wiring Instructions: Secure supply cable directly to 4 way terminal block, on the gear tray as follows:  
Note: Maintained luminaires are pre-wired for Unswitched Active only. Remove link wire if another (same phase) supply is available.
- F Ensure earth terminal is connected to earth on PCA

#### • Non-Maintained

Contact Earth to terminal marked	EARTH
Neutral to terminal marked	N
Unswitched active to terminal marked	AUNSW

#### • Maintained / Sustained

Contact Earth to terminal marked	EARTH
Neutral to terminal marked	N
Unswitched active to terminal marked	AUNSW
Switched Active to terminal marked	SW/A

### Note

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

F Secure gear tray to the body by means of 4 (No. 6 x 1/4) screws taped inside the body.

G Locate and secure the diffuser to the body and gear tray.

### TOOL REQUIREMENTS

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

### 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 that the lamp lights when the switched active is turned ON (maintained version only)
- After 16 hours disconnect the supply at source (unswitched and switched active feeds).
- 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/NZ2293 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 the high temperature NICAD batteries. To avoid damage to the luminaire the battery must be replaced with the same Pierlite battery pack. The model number is stamped on the battery pack.

### WARNING

When disposing of batteries do not pierlite, incinerate or short circuit. Batteries should be disposed of in accordance with recognised disposal methods.

