

INSTALLATION INSTRUCTIONS

Issue No: 13072011

LED FIREFLY-FFRLED, FFRLEDBK, FFRLEM, FFSLEDPK, FFSLEDAK

PLEASE READ THESE INSTALLATION INSTRUCTIONS CAREFULLY BEFORE INSTALLING OR MAINTAINING THIS EQUIPMENT. THE PRODUCT IS DESIGNED FOR INSTALLATION AND MAINTENANCE IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS (AS/NZ3000), THESE INSTRUCTIONS AND LOCAL REGULATIONS (WHERE APPLICABLE), BY AN AUTHORISED AND LICENCED ELECTRICIAN.

THE INSTALLATION INSTRUCTIONS WERE CORRECT AT THE TIME OF PRINT. TO REFLECT CHANGES IN TECHNOLOGY AND AUSTRALIAN STANDARDS; PIERLITE AUSTRALIA RESERVES THE RIGHT TO AMEND THE INSTRUCTIONS WITHOUT NOTICE. UPDATED GUIDELINES CAN BE FOUND ON www.pierlite.com.

IMPORTANT - THE PRODUCT MUST BE MAINTAINED AND OPERATED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, FAILURE TO DO SO MAY DAMAGE THE PRODUCT AND SERVICES. IT IS STRONGLY RECOMMENDED THAT THIS IMPORTANT NOTE BE COMMUNICATED TO THE OWNER AND OR OPERATOR OF THE INSTALLATION AT THE TIME OF SITE COMMISSIONING.

FOR THE LATEST PRODUCT MAINTENANCE GUIDES PLEASE GO TO www.pierlite.com.

PIERLITE AUSTRALIA IS NOT RESPONSIBLE FOR ANY PRODUCT NOT MAINTAINED IN ACCORDANCE WITH THE RECOMMENDED PROCEDURES.

1. PRODUCT SPECIFICATION:

Type of Protection	Class 2 Luminaire
IP Rating	IP20
Nominal Voltage	230/240V
Circuit wattage	(trickle charge – 1.1W) (fast charge - 2.8W)
Line current	(trickle charge -.012 A) (fast charge - .028A)
Power factor	0.42
Nominal Freq. (Hz)	50 Hz
Rated Maximum Ambient Temperature	25°C
Battery temp	55°C
Suitable for direct mounting on flammable surfaces	YES



2. APPROVALS:

The C-Tick marking of this product applies to AS/NZS CISPR15:2002 "Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment". This product is designed to conform to AS/NZS60598 "Luminaires, general requirements and tests".



3. STORAGE: Luminaires are to be stored in cool and dry conditions.

4. APPLICATION:

The installation application and orientation of the product is designed in accordance with the nominated product IP rating, class designation and these installation instructions. Installation environments outside these conditions is not recommended.

5. INSTALLATION:

Installation of the product is to be completed by an authorized and licenced electrician, in accordance with these instructions, relevant Australia standards and local regulations (where applicable).

For electronic control equipment (when supplied) DO NOT MEGGER between A and N. All cable terminations must be installed in accordance with the designated IP rating of the product.

NOTE:

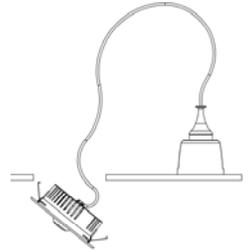
Emergency luminaires shall remain connected to and powered by the Unswitched Active and Neutral during construction periods.

- Daily switching/excessive cycling can be detrimental to battery performance and may void the product warranty.
- Do not cover with insulation.

RECESSED – (REFER TO FIGURE 1.)

- (a) Cut out hole in ceiling to suit. Cutout is 120mmØ
- (b) Place the flex and plug through the cutout and plug into the Mains AC socket
- (c) Press the springs together and push the FFRLED emergency into the hole and release the springs
- (d) Press the test switch to simulate Mains failure and ensure correct operation
- (e) Adhere alpha/numeric ID labels to front fascia plate, for easy identification

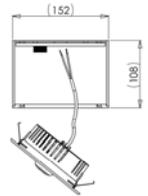
Figure 1.



SURFACE MOUNT – (REFER TO FIGURE 2.)

- (a) Mount 'surface can' can to ceiling as required
- (b) Feed the mains supply wiring through the top of the can and terminate in respective Active, Neutral and Earth terminals
- (c) Cut the flex and plug cable on the FFRLED luminaire where marked, cut away the outer sheath and strip wires accordingly
- (d) Terminate wires in respective Active and Neutral terminals
- (e) Press the springs together and slide the FFRLED emergency into the can
- (f) Press the test switch to simulate Mains failure, and ensure correct operation
- (g) Adhere alpha/numeric ID labels to front fascia plate for easy identification

Figure 2.



6. BATTERY TESTING

Self contained emergency luminaires shall be subjected to a battery discharge test for the required duration at regular intervals in accordance with relevant local standards applicable to emergency lighting. Batteries should be replaced with the same brand/type when the rated duration is no longer achieved.

7. MAINTENANCE

The supply must be isolated before opening or accessing the luminaire. Product maintenance is **IMPORTANT** and is critical to the products designed performance. The product is to be maintained in accordance with the manufacturer's instructions. For the latest product maintenance guides please go to www.pierlite.com.

Pierlite Australia is not responsible for any product not maintained in accordance with the recommended procedure or intervals.

For products supplied with glass visors or covers, do not operate the product with a damaged visor or cover; it is recommended the product be turned off, area surrounding the product vacated and the damaged glass replaced by a professional installer immediately.