

Installation Guide

Surface Mount



MODEL:
EFSLEM-SM

SAFETY WARNING

DO NOT INSTALL OR CONNECT THIS PRODUCT UNLESS YOU ARE A LICENSED ELECTRICIAN.

EzyFit recommends you read these instructions completely before commencing installation. In Australia and New Zealand only licensed electricians are permitted by law to work with 240 Volt electrical installations. Ensure you turn off and isolate the electrical supply before connecting this fitting to the building wires. Please do not tamper with this fitting,

doing so will void the warranty. The installer is responsible to ensure compliance with all relevant building and safety codes and regulations for example AS3000 and AS2293.

DO NOT TOUCH THE TERMINALS WHEN THE LIGHT FITTING IS ENERGISED.

INSTALLATION

1. Remove the EzyFit LED Emergency Light Surface Mount Box from the packaging and inspect it for damage. If any damage is found, do not install the emergency light, replace it carefully into the packaging box and return to your supplier.

2. Undo the 2 screws on the surface mount box and remove cover.
3. Hold the box up to desired installation area and mark drill holes.
4. Drill and prepare area with appropriate fixings.
5. Line up box and attach to the surface using your fixings ensuring power cable is fed through the base.
5. Connect battery cable to the power supply.

6. Connect the power cables to the terminal block: **red is positive**, black is negative, **yellow / green is earth**, replace the cover and screws.
7. Once installed and powered up the LED lamp will remain off. The emergency light should only function with mains power supply fails or when the test button on lamp head is pressed. Once powered up for a few minutes press the manual test button to check for correction installation.

TESTING

The emergency function of the unit should only operate when power fails or when the manual test button is pressed. When the unit is mains powered the red LED marked 'CHARGE' will be lit. When powered up, allow a few minutes to give the battery a small charge, then press the manual 'TEST' button. Hold the test button in for a few seconds and observe the operation of the LED. If the LED works on emergency mode only for a short period of time, the battery may require more time to charge. If the LED does

not work check the connections and the troubleshooting below. You will need to allow 24 hours to fully charge the battery. You will then have to conduct a manual discharge test as per requirements of AS2293.3. At the time of this publication the standard requires that the unit operate in emergency mode for a period of not less than 2 hours for the first test and for not less than 90 minutes thereafter every 6 months. You will need to keep the records from the initial test and enter them into the building emergency services log book. If the fitting isn't permanently connected to mains supply at this time, you are responsible to give it the initial

2 hour test when it is permanently connected to the mains supply. Please note that continuously switching on/off the fittings main power supply during installation process, which may happen during building works can cause the unit to discharge its batteries many times over a short period. This may subsequently shorten the life of the battery. EzyFit does not recommend this practice and may not honour warranty on the life of the batteries if subjected to these or other harsh operating conditions.

WARRANTY

EzyFit emergency lights are warranted against defects in workmanship and materials for 24 months from date of delivery, provided that the products are properly stored, installed, used and maintained in accordance with AS2293. This warranty does not cover any product that

has been altered without the written approval of EzyFit. This warranty does not apply to LEDs and batteries (The batteries carry a 12 month warranty). EzyFit is not liable for any losses, damages, costs or expenses including consequential loss and for any damage to articles to which the EzyFit emergency lights are attached or with which these are used. The purchasers contractual obligations to others are specifically excluded from this warranty

(whether implied or not) unless previously agreed in writing by EzyFit. EzyFit's total liability under this warranty shall be solely limited to the cost of repair or replacement of the faulty product from one of our branches or at our discretion. Proof of purchase must be provided with any warranty claim. Please contact EzyFit for warranty claims.

TROUBLESHOOTING

Input Voltage 240V 50HZ
LED Lamp 3.0-3.6V 2W
Input Current 0.028A
Battery Ni-Cad 4.8V 1800mAh
Charge Current..... 250mA for 16 Hours
Emergency Duration > 2 Hours



MAIN LEDS OR TEST LED NOT WORKING	<ul style="list-style-type: none"> • AC supply not connected • AC supply turned off • Unit not connected to bracket properly • Test switch damaged
MAIN LEDS WORKING BUT TEST LED IS NOT	<ul style="list-style-type: none"> • Test switch damaged • Battery not connected
WHEN TEST BUTTON IS PRESSED LEDS DONT SWITCH TO TEST MODE	<ul style="list-style-type: none"> • Test button damaged
MAIN LEDS WORK ONLY FOR A SHORT PERIOD WHEN THE TEST BUTTON IS PRESSED	<ul style="list-style-type: none"> • Battery not charged sufficiently • Allow 24 hour charging