

17986 EV-5812-EM-IP65-CF-LITE (BULKHEAD LITE)

Remove the product from the box and inspect it for any damage. If you believe the product to be damaged or otherwise unsound, **DO NOT** install the product. Please pack it back into its box and return it to the place of purchase for replacement. If the product is satisfactory, proceed with the installation.

INSTALLATION & MOUNTING

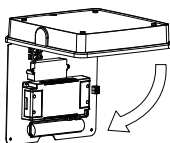
Read instructions and check you have all the tools and accessories to complete the installation correctly. Isolate the mains power supply before commencing installation.

1



Separate diffuser from base plate by loosening retaining screws and removing diffuser.

2



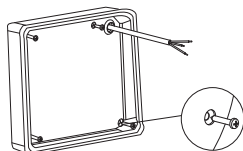
Separate LED PCB from base plate by removing retaining screws and lift/tilt PCB up.

3

| Emergency Settings | | | |
|--------------------|---|---|---------|
| Dimming Settings | 3 | 4 | Switch |
| Standby 10% | ■ | X | = On |
| Standby 0% | X | X | |
| Output 100% | X | ■ | X = Off |
| Output 50% | X | X | |

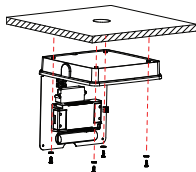
Driver default is 100% Power and 10% standby. If changes are required set driver to meet needs with the switch status guide.

4



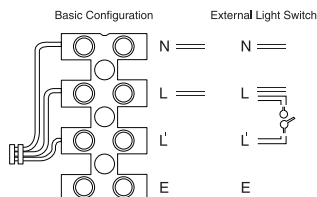
Feed the mains power cable through the base plate in preparation for connection.

5



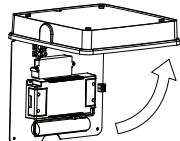
Position and securely fix base plate to mounting surface using secure fixing methods. Fixing hole guides are provided on the base plate to be drilled to suit.

6



Terminate the cables into the terminal block ensuring the correct polarity is observed. Ensure all conductors are fully sleeved and insulated.

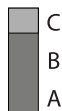
7



Secure the PCB to the base plate by pushing into place and replacing screws removed guide.

8

| Colour temperature | |
|--------------------|---|
| WARM WHITE | C |
| DAYLIGHT | B |
| COOL WHITE | A |



Set the desired temperature to warm white, cool white or daylight with the switch status.

9



Reattach diffuser to base plate by positioning over screw holes and replacing screws removed earlier. Your fitting is now ready to use.

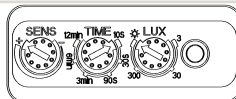
SENSOR SETTINGS

SENSOR Adjust sensor sensitivity according to location, the detection distance of low sensitivity could be only 2M and high sensitivity could be up to 16M for a larger room.

TIME The time that the luminaire stays on at full power once motion is detected. The minimum time is 10sec+3sec, the maximum is 12min+1min. The luminaire will stay on while the sensor detects movement.

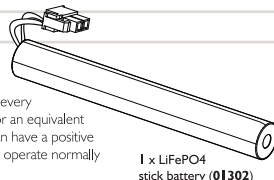
LUX The amount of ambient light at which the luminaire will switch on the lights if movement is detected. When set to the "sun" position (max) the luminaire will work in both daytime and night. When set to the "3" position (min) the luminaire will only work when the ambient light is 3LUX (twilight). As for the adjustment pattern, please refer to the testing pattern.

TEST Turn the LUX knob clockwise on the maximum (sun). Turn the SENS knob clockwise on the maximum (+). Turn the TIME knob anti-clockwise on the minimum (10 sec). When you switch on the power, the light will switch on and 10sec+3sec later the light will be switch off automatically. Then if the sensor detects movement again, it will switch on the light again indicating it is working normally. When the sensor the first induction, it will restart to time from the moment. If the sensor detects movement after the initial detection, the lights will remain on and the time will keep resetting. Turn LUX knob anti-clockwise on the minimum (3). If the ambient light is less than 3LUX (twilight), then the lights will switch on if the sensor detects movement.



BATTERY LIFE

To maintain the economic life of this product it is required that the battery be discharged and recharged at least once every 6 months. The battery life can be reduced if the battery is not discharged as per the requirements of AS/NZS 2293 or an equivalent standard. Increasing the number of duration tests above that as defined in AS/NZS 2293 or an equivalent standard can have a positive effect on the battery performance as long as 12 discharge cycles per year is not exceeded. The recharging device will operate normally after removal of short circuit fault.



1 x LiFePO4
stick battery (01302)

SAFETY WARNINGS

1. **THIS PRODUCT MUST ONLY BE INSTALLED BY A LICENSED ELECTRICIAN.**
2. **BEFORE COMMENCING INSTALLATION TURN OFF AND ISOLATE THE ELECTRICAL SUPPLY.**
3. **RISK OF ACCIDENTAL CONTACT WITH LIVE PARTS. DO NOT ENERGISE WITH PRODUCT OPEN OR DISASSEMBLED.**
4. **SUPPLY VOLTAGES WITHIN PRODUCT. ISOLATE SUPPLY VOLTAGES BEFORE OPENING OR SERVICING.**
5. **THIS LUMINAIRE IS NOT INTENDED FOR USE IN HIGH-RISK TASK AREA LIGHTING.**
6. **MAINS SUPPLY AND BATTERY CIRCUIT SEPARATED BY REINFORCED INSULATION.**
7. **THE ONLY USER SERVICEABLE / REPLACEABLE PART IS THE BATTERY PACK.**
8. **DO NOT ATTEMPT TO SERVICE OTHER PARTS OF THE FITTING AS THIS WILL VOID THE WARRANTY.**
9. **AS THE INSTALLER, IT IS YOUR RESPONSIBILITY TO ENSURE YOU COMPLY TO ALL RELEVANT BUILDING AND SAFETY CODES FOR EXAMPLE THE BCA, AS3000. REFER TO APPLICATION STANDARDS FOR THE RELEVANT RULES.**

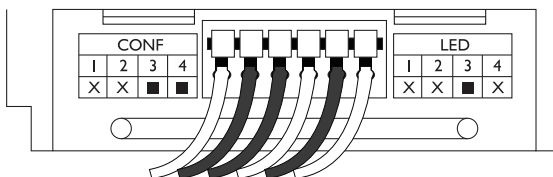
WARNING

The Bulkhead Lite Emergency Luminaire is connected to an unswitched active during normal operating conditions. When disconnected from the mains supply, the Bulkhead Lite is powered by a LiFePO4 battery operated inverter. Due to this, care should be taken when replacing the battery.

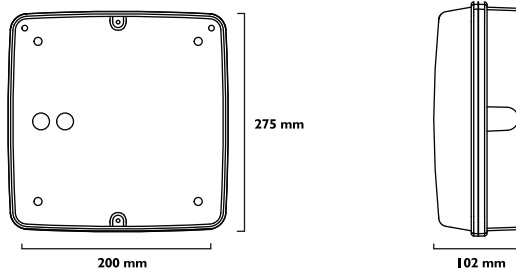
REPLACING THE BATTERY

Access the battery by removing the product cover. Disconnect and remove battery. Replace battery as was previously installed. Battery can be connected in one direction only, do not force. Allow a minimum 24 hours charging time before carrying out any discharge tests as per the requirements in AS/NZS 2293.

FACTORY DRIVER SETTINGS



DIMENSIONS



| | | | | | |
|----------------------|------------|------------------------|-------------------------------------|------------------------|--------------|
| Voltage | 220-240 V | Emergency Class | C0:D50 C90:D50 (2hr) | Battery Type | LiFePO4 |
| Frequency | 50 Hz | Wiring | Terminal Block | Battery Voltage | 6.4V 1500mAh |
| Ambient Temp. | 5°C - 40°C | Duration | 90 / 120 min | Battery Code | 01302 |
| IP Rating | IP65 | Mounting Type | Surface Mounted | Changing Time | 16 Hours |
| Class. | II | Lumen Output | Warm White (3000K) 1105lm /2305lm | Charger Type | CC CV |
| IK Rating | IK08 | | Cool White (4000K) 1170lm /2550lm | | Smart |
| | | | Day Light (6000K) 1145lm /2470lm | | Charger |

TOTAL POWER CONSUMPTION (TPC)

| MODEL | LED WATTAGE | MAINTAINED (LAMP ON) | | NON-MAINTAINED (LAMP OFF) | |
|-------------------------|-------------|----------------------|--------|---------------------------|-------|
| | | Avg. | Max. | Avg. | Max. |
| EV-5812-EM-IP65-CF-LITE | 17W | 16W | 17.39W | 4.1W | 5.66W |
| EV-5812-EM-IP65-CF-LITE | 27W | 27.3W | 28.8W | 4.4W | 5.62W |

ORDERING INFORMATION

| SKU | DESCRIPTION | PRODUCT NUMBER | CARTON QTY. | WEIGHT (NET/ GROSS) | CODE | DESCRIPTION |
|-------|--|----------------|-------------|---------------------|-------|-------------------------|
| 17986 | 27W / 17W LED Emergency square bulkhead Lite IP65 with c/f sensor Tri Colour | 9336462179864 | 5 | 7.0 Kg / 9.0 Kg | 01302 | EV-1500mAh-6.4V-LiFePO4 |

SPACING TABLE (DISTANCE BETWEEN FITTINGS)

| Lx | CLASSIFICATION | MOUNTING HEIGHT (M) | | | | | | | | | | | | | | | |
|-----|----------------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 2.1 | 2.4 | 2.7 | 3.0 | 3.3 | 3.6 | 4.0 | 4.5 | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 | 10 | 15 | 20 |
| 0.2 | D50 | 18.0 | 18.7 | 19.4 | 20.1 | 20.7 | 21.2 | 21.8 | 22.5 | 23.2 | 24.2 | 24.9 | 25.4 | 25.7 | 25.9 | 23.7 | 15.2 |

WARRANTY STATEMENT

Ektor products are distributed in Australia and New Zealand by Evolt Pty Ltd (Evolt). The Australian Consumer Law as well as other Australian laws guarantee certain conditions, warranties and undertakings, and give you other legal rights, in relation to the quality and fitness for purpose of Ektor products sold in Australia. In Australia, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. What constitutes a major failure is set out in the Australian Consumer Law. Nothing in this Warranty purports to modify or exclude the conditions, warranties and undertakings, and other legal rights, under the Australian Competition and Consumer Act and other Australian laws. Ektor products are warranted in Australia for a period of 36 months from the date of delivery of the product, provided that the products are properly stored, installed, used and maintained in accordance with the instructions contained within their manual. Products that have been altered in any way or used other than in accordance with their instructions are not covered by this warranty.

This warranty is not transferable and is valid only in the hands of the purchaser of the product. The warranty does not cover Ektor products other than those purchased from Evolt. Proof of purchase must be provided to Evolt with any warranty claim. Evolt recommends that the purchaser attaches their proof of purchase to their product manual. Evolt's total liability under this warranty is limited to the cost of repair or replacement of the faulty product. Evolt may satisfy its obligations under this warranty in full by repair or replacement of a faulty product. This warranty does not apply to consumable items such as lamps or batteries or other items that can be classified as consumable. For the avoidance of any doubt, any and all warranties or conditions which are not guaranteed under the Australian Competition and Consumer Act or the Australian Competition and Consumer Regulations 2010 and which are not expressly included in this Warranty as additional warranties or conditions are excluded. This Warranty does not cover loss or damage caused by wear and tear, misuse, incorrect installation or operation, failure to clean and maintain, incorrect voltage or non-authorized electrical connections, adverse external conditions (such as power surges and dips, acts of God, exposure to heat, corrosion, insect or vermin infestation), use of non-authorized or defective parts or globes, or to items that have been repaired other than by Evolt or a repairer approved by Evolt.

TECHNICAL SUPPORT AND TROUBLESHOOTING

For further assistance in using this product, consult your nearest wholesaler or Evolt Pty Limited.