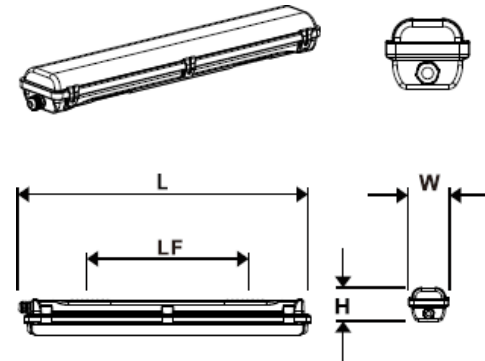


Model No	22754/08	22756/08
Wattage	20W	40W
	60cm	120cm

Before first using your new fitting, it is most important that you read and follow these instructions, even if you feel you are quite familiar with this type of product. Retain this document for future reference.

THIS FITTING MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN in accordance with the latest AS/NZS 3000 Standards and relevant Amendments



Model: 22754

L = 660mm
W = 120mm
H = 76mm
LF = 350mm

Model : 22756

L = 1238mm
W = 120mm
H = 76mm
LF = 800mm

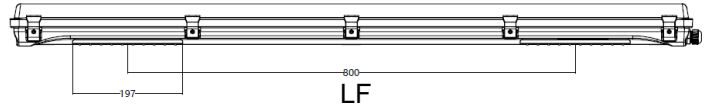
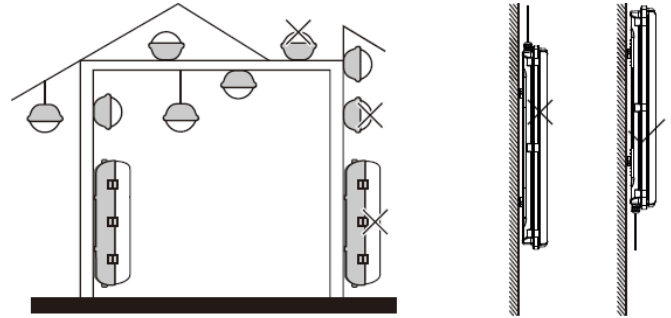


Fig 1

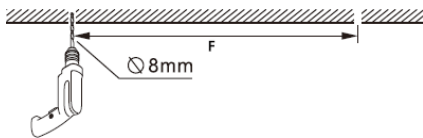


Fig 2



Fig 3

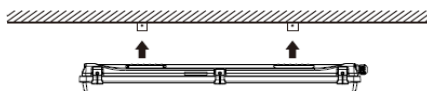
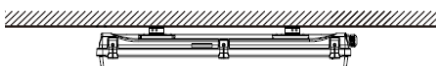


Fig 4



Mounting Instructions:

1. Mark the ceiling on required distance between the brackets 'LF' (Note: check the minimum and maximum distances).
2. Drill Ø 8mm holes. (Figure 1)
3. Use screws and suitable fixture system to secure the brackets to the ceiling (Figure 2).

Note: The next step is to connect mains supply cable and programming the fitting using DIP switches, explained on the next pages

4. Attach the Luminaire to the brackets. (Figure 3).
5. Installation completed. (Figure 4)

ENDURA - CCT TRI-PROOF EMERGENCY LED BATTEN

Model No	22754/08	22756/08
Wattage	20W	40W
	60cm	120cm

Fig 5

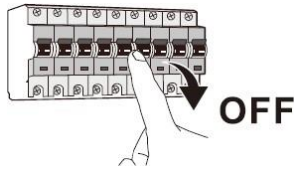


Fig 6

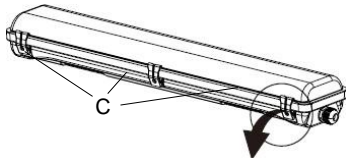


Fig 7

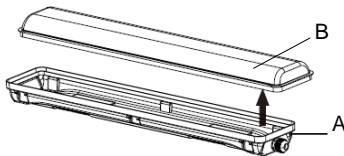


Fig 8

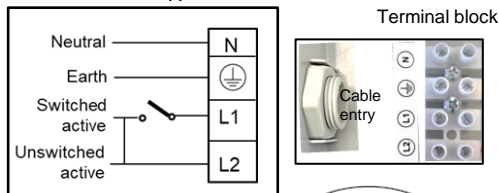
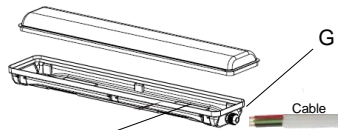


Fig 9

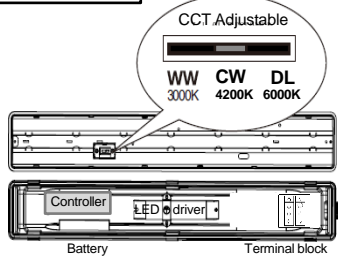
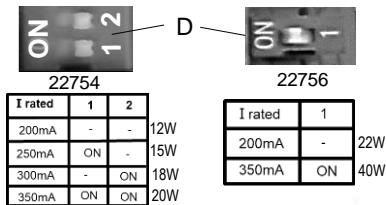


Fig 10



Power switches located on each driver

Fig 11

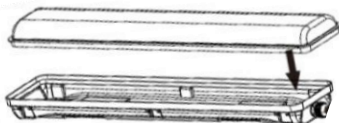


Fig 12



Installation instructions:

1. Ensure mains supply is switched OFF. (Fig 5)
2. Gently release the metal clips 'C' from both sides of the fitting, (Fig 6) ; (6 clips -22754 ; 10 clips- 22756) and open the fitting.
3. Remove diffuser assembly 'B' from light body 'A' (Fig 7) Diffuser assembly 'B' is held by plastic lanyard to body 'A'. Note: (The LED array is installed inside the diffuser assembly 'B' and it is not removable.)
4. Run the mains cable through the cable gland 'G'. (Fig 8)
5. Connect wires to terminal block 'H' according to the marking on the label :
 - Live (L1) -Switched active
 - Live (L2)-Unswitched active
 - Neutral (N) and
 - Earth
 Refer (Fig 8). Ensure connections are secure.
6. Select colour temperature with CCT switch: (WW) Warm White - (CW) Cool White- (DL) Daylight; (Fig 9)
7. Power setting can be selected with DIP Switches 'D' 1 (22756) & 1,2 (22754) located on each driver. They are possible 2 combinations on 22756 & 4 combinations on 22754. Refer to the marking on each driver. (Fig 10).
8. Connect the 3 Pin battery plug 'O' to the marked socket on the Emergency Converter (Refer details on wiring diagram)
8. Refit the Diffuser. (Fig 11)
9. Lock in the clamps. (Fig 12)
10. Use the lock screws to secure the metal clamps. (Fig 13) (4 for 60cm, 6 for 120cm). Use the tool provided.
11. Turn the power ON. (Fig 14)

Power switches located on each driver

Fig 13

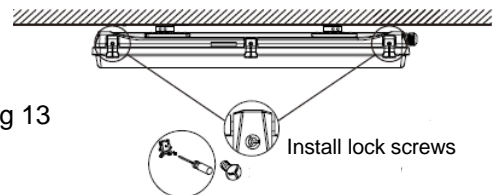
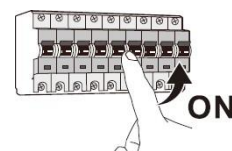
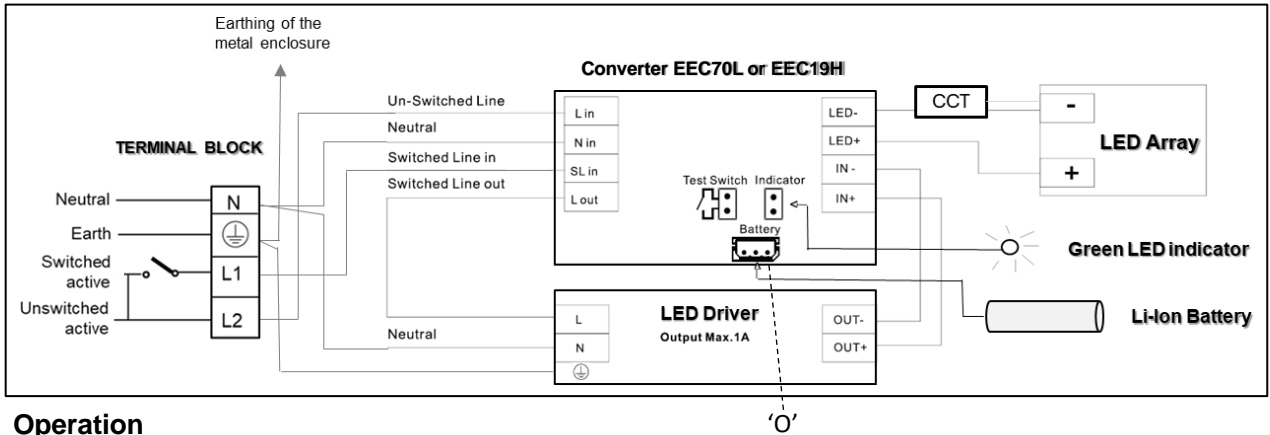


Fig 14



Model No	22754/08	22756/08
Wattage	20W	40W
	60cm	120cm

Wiring Diagram

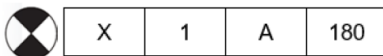


Operation

- When the mains power is connected the Green LED indicator is turned 'ON', indicating that the mains power is 'ON' and the fitting charges the battery. The LED array now can be operated as normal light fitting, turning it ON or OFF via switched active (normal switch).
- When the mains AC power is disconnected the green LED indicator will turn OFF- indicating that the A.C power is lost.
- When the mains power is OFF (disconnected), the fitting goes into **Emergency Mode** and turns the LED Array 'ON' using battery power. The Green LED indicator is OFF. The maximum emergency run time is about 3 hours.
- Pressing the test switch will simulate power outage. Press this switch to test the battery.
- Allow 24 hours charge time for full charge.

Battery (emergency power) Specification

Model No.	Battery type	Battery Capacity	Emergency Power	Full charge time	Emergency duration
22754	LiFeP04 18650	3.2V 6.4Wh	1.5W	24h	3h
22756	LiFeP04 18650	3.2V 9.6Wh	2.5W	24h	3h



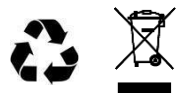
For your safety: The minimum charging ambient temperature for battery is 5C.

Storage. Batteries should be stored withing optimal temperature range of : -20C and + 40C and humidity of 45%-85%. Avoid atmosphere with corrosive gases.

The battery should be disconnected from Converter (Connector 'O' unplugged) when not used and/or before storage and transport.

Environmental Protection:

This electrical product should not be disposed as normal waste. Please always recycle! Check with your Local Council about your recycle options.





ENDURA - CCT TRI-PROOF EMERGENCY LED BATTEN

Model No	22754/08	22756/08
Wattage	20W	40W
	60cm	120cm

Specifications

Model No:	22754/08 60cm 12W/15W/18W/20W	22756 120cm 22W/40W
Fitting:	PB Body and frosted diffuser	
Protection:	Class I IP66 IK08	
Rating:	220-240V AC 50Hz	
LED	LED ARRAY (non replaceable & not dimmable)	
Lumens/ Emergency lumens	2200lm max / 130lm	4200lm max / 220lm
CCT	WW 3000K-CW 4200K -DL 6000K	
LED Driver	Model No.: LF-FMR020YS Un= 220-240V~ 50Hz, In=0.12A Out:25-57V DC; pf=0.9C P= 19.9W ; Class I; Power setting 1,2 DIP switches: 12W/15W/18W/20W	Model No.: LF-FMR040YS (YH01) Un= 220-240V~ 50Hz, In=0.22A Out: 58-114V DC ; pf=0.9 P=39.9W ; ta=50C tc; 75°C, SAA CE , VDE , Class I . Power setting Dip Switch 1: 200mA (22W) & 350mA (40W) max
Battery	LiFeP04 18650 3.2V 6.4Wh 1.5W for 3h	LiFeP04 18650 3.2V 9.6Wh 2.5W for 3h
Emergency Converter	EEC70L; IN: 220-240V AC 50Hz, 20mA, 3W Voltage Out: 20-90VDC (110V MAX) ta=55C tc= 75C: Green LED indicator and built in TEST switch;	EEC19H IN: 220-240V AC 50Hz, Charging voltage 3.6V DC & 200mA; EMERGENCY OUTPUT 2.5W (battery) 2W Max (LED); Output Voltage: Uout =50-120VDC max; ta=55C tc= 75C: Green LED indicator and built in TEST switch;
Dimensions	660 x 120 x 76mm LF= 350mm	1238 x 120 x 76 LF= 800mm
Class	D40	
Weight	1kg	1.8kg

Warnings

- To prevent electrical shock, ensure that POWER is DISCONNECTED before installation and or maintenance.
- Installation, maintenance and inspection for safety concerns should be done by a qualified personnel.
- Do not touch any parts of the assembly with bare hands while it is hot.
- Do not install in a position where the fitting can be easily accessed by children.
- Be aware of the height of your installation. Refer to 'Working at Heights' guide from your local or State Authorities.
- Any alterations or additions to building wiring **must be completed by a licensed electrician** or person authorised by legislation to work on the fixed wiring of any electrical installation.
- Do not disassemble or remould the product to avoid electrical shock or to cause failure of the light.
- Ensure it is installed in well ventilated area.
- Working, out of temperature range of -20° C to +40° C will shorten the lifetime of the product.

Warranty:

Brilliant Lighting warrants this product against defects in manufacture and workmanship for a period of 3 years from date of purchase or as specified on the packaging. For products used in non-domestic or commercial applications, Brilliant Lighting warrants this product for a period of 3 months from date of purchase. This warranty is only valid for products installed by a qualified electrical contractor and operated within the guidelines specified by Brilliant Lighting, and within the correct operating voltage ranges as stated on the product's rating label. Warranty does not include damage or loss arising from incorrect installation, operation or maintenance of this product, damage caused through modification, incorrect installation, service by unqualified or unauthorised personnel or lack of regular maintenance and cleaning. Proof of installation by qualified personnel may be required, eg. Electrical Safety Certificate. Proof of purchase must be supplied with all warranty claims. This warranty is provided in addition to any other rights and remedies of the customer under any law. In applications not intended for household, personal or domestic use, liability is limited to replacement or reimbursement of product only. Brilliant Lighting does not warranty the costs of removal or re-installation of this product or associated components.

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 goods fail to be of acceptable quality and the failure does not amount to a major failure.

Any claim under this warranty must be made within 2 years of the date of purchase of the product or as specified on the packaging. To make a claim under the warranty; at your own expense take the product (with proof of purchase – receipt or similar) to the store where you purchased the product or contact Brilliant Lighting at the address below.

This warranty is given by:

Brilliant Lighting (Aust) Pty. Ltd.
ABN 37 006 203 694
956 Stud Road Rowville, VIC 3178
Phone: 03 9765 2555
Email: warranty@brilliantlighting.com.au
Made in China