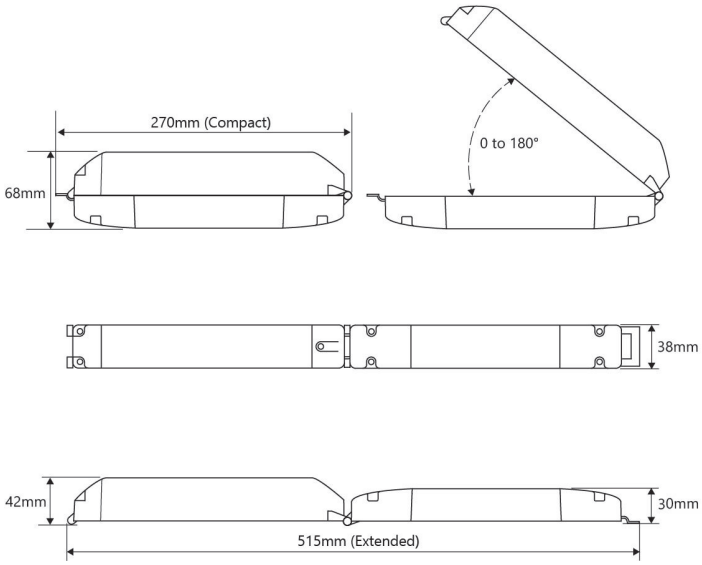
EMERGENCY PACK
FTYPE MK2 & ULTRA

FT3EP24

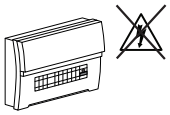
MAINS VOLTAGE:	230VAC+/- 10%
MAINS FREQUENCY:	50 - 60Hz
POWER CONSUMPTION:	4VA
EMERGENCY OUTPUT VOLTAGE RANGE:	70V to 250V DC
EMERGENCY DURATION:	3 Hours
BATTERY:	4 Cell 4Ah NiMH
ALLOWED AMBIENT TEMP:	+5°C to +35°C
WEIGHT:	0.6kg
CHARGING TIME:	24 hours
PROTECTION CLASS:	1
DEGREE OF PROTECTION:	IP20
EM MODULE COMPLIES WITH:	IEC 61347-2-7
Suitable for installation to EN50172 and BS7671	



INSTALLATION

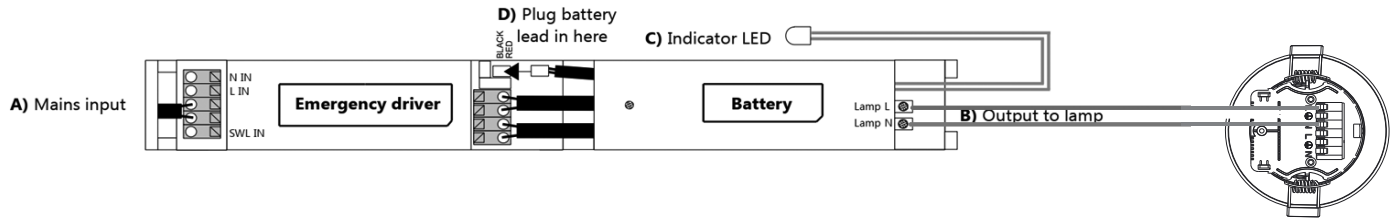
NOTE – To comply with regulations, installation must be carried out by a suitably qualified competent person and in accordance with the current IEE wiring regulations (BS7671) and building regulations.

Ensure the mains supply is isolated before attempting installation!

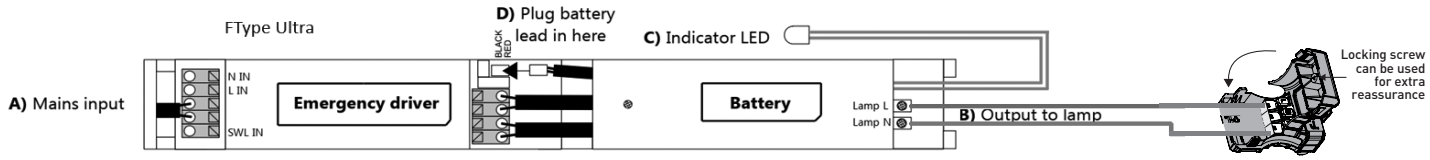


The emergency pack is for use with Luceco FType Modules only. Please refer to the appropriate diagram on below for details of mains supply and lamp connections.

FType Mk2



FType Ultra



A) = Live, Neutral and Earth Connections from Mains supply
B) = Connection to FType or FType SpeedFit connector.
C) = LED Status Indicator
D) = Battery lead connection.

IF non-locking external plug and socket connectors are used, i.e. without means to prevent accidental disconnection, the remote box should be installed so that it is protected from unauthorised disconnection

A recessed plastic bezel can be found inside the packaging carton to assist installation of the indicator LED. A 14-16mm hole should be drilled in the required location so it is visible during normal use.

Tech Help Line
UK - **0330 0249 279**
Non UK - **+44 (0)1952 238 100**
Supplied by LUCECO
Stafford Park 1, Telford, Shropshire,
England, TF3 3BD
Visit our website at **www.luceco.com**

Servicio de asistencia telefónica
UK - **0330 0249 279**
Non UK - **+34 93 829 55 74**
(EU) Luceco SE
C/ Bobinadora 1-5
08302 Mataró Spain
Visite nuestra web en **www.luceco.com**

Before use, the battery will need to be connected by plugging in the red and black lead from the hinged end of the battery box into the appropriate white socket, under the cover at the hinged end of the emergency driver. (See diagrams above).
Important: The battery plug and socket are polarised and should be connected together carefully and ensuring the polarity is correct.
To avoid subjecting the battery to excessive charge/ discharge cycles during installation stages, it is strongly recommended the battery is only connected when the mains supply is stable and the product is ready for commissioning.
Once all the necessary connections have been made, use the plastic end covers and screws provided to secure cables in place and to prevent unauthorised access.

When the un-switched mains supply is turned on, the green indicator LED should be illuminated as follows:
• LED on: Mains supply ok, battery connected and charging.
• LED off: Mains supply is off [or below 160V], the battery is not connected or possible faulty unit.
Commissioning
Once the luminaire has been installed and basic emergency functionality checked, the battery should be allowed to charge for a minimum period of 24 hours before testing for its rated duration. If it is anticipated that the un-switched supply may be interrupted, it is imperative that the battery is left disconnected, and commissioning is delayed until the supply is stable. If the luminaire has been stored for a number of months, it may be necessary to repeat the charge/discharge process several times to re-condition the battery. After successful commissioning, the battery box label should be marked with the date of the test and the Engineer responsible.
Emergency Lighting 'standard' or 'manual' Test
The following minimum ongoing inspections and tests should be carried out:

MONTHLY
Switch off the mains power supply to the lighting unit. Inspect all emergency lights for satisfactory operation.
Yearly
Switch off the mains power supply to the lighting unit. Leave the unit to run for the rated period (e.g. three hours). The lights should remain operable from the battery for the whole period.
Any defects should be noted and rectified by a competent person as soon as possible. Please be aware that further inspection / testing may be required, e.g. by risk assessment / local legislation.

BATTERIES AND DISPOSAL
The battery has a designed service life of 4 years and must be replaced in a timely manner to ensure the integrity of the emergency lighting system is maintained. In any case, the battery should be replaced when it no longer provides the rated duration (3 hours).

The manufacturer of the emergency pack is committed to fulfil its obligations as a producer of batteries used in emergency lighting applications.
End-of-life batteries may either be returned to the emergency pack manufacturer at the customers cost and arrangements will be made to ensure their correct disposal. Alternatively it may be more convenient for the customer to deliver end-of-life batteries to site(s) of authorized treatment facilities at their cost and it will be ensured that they are accepted back and subsequently treated to the standard required by the regulations.

EMERGENCY INSTALLATION AND INSPECTION

INSTALLATION / TEST RECORD

SERIAL / LUMINAIRE NUMBER:

INSTALLED BY: **DATE:**

COMMISSIONED BY: **DATE:**

	YEAR 1		YEAR 2		YEAR 3		YEAR 4 THE BATTERY MUST BE REPLACED	
MONTHLY TEST	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

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