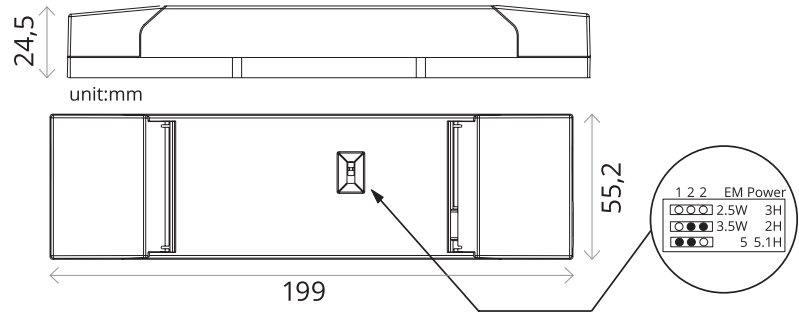


## INSTALLATION INSTRUCTIONS

### Emergency conversion kit - 3 Year Warranty

**Product Code**  
ILEMPK076



Thank you for purchasing an INTEGRAL LED product. When installed correctly this unit will provide years of service. For support or warranty information please see [integral-led.com](http://integral-led.com). Always turn off circuit power at the distribution unit before installation and maintenance. Please ensure that the power cannot be connected inadvertently.

#### Important Details – Please read prior to installation

1. This product has been tested and approved to work ONLY with Integral LED edge-lit panels and downlights. Integral LED does not take responsibility if this product is wired up to another LED light not specified in the compatibility table.
2. This product must be installed by a qualified electrician in accordance with instructions provided and in compliance with recognized electrical and safety regulations relevant to the country it is being installed.
3. The product is designed to operate on 220-240V AC 50Hz.
4. This emergency conversion kit is to be installed according to the installation guide below.
5. This product is for indoor use only and it should not be covered with insulation material.
6. This emergency product contains a 6.4V/1500mAh LiFePO4 battery.
7. A permanent live connection is required for this emergency product to operate normally.
8. To maintain the integrity of the battery and the battery design life, this product should be installed within 6 months of purchase. If not installed and charged within six months we advise the product is connected to live supply and receives a full 24 hour charge. To reset the system please remove the plug, then insert the plug again (see system reset). This to be repeated regularly once every six months until installation.

#### INSTALLATION: DANGER!

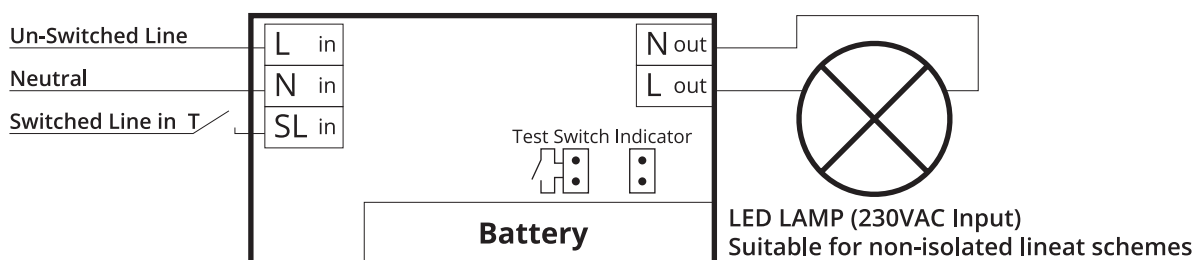
Please ensure you isolate live supply before you undertake any work on the emergency conversion kit and luminaire.

#### Installation Instructions

1. Ensure the AC/mains power is not connected and cannot be reconnected during installation.
2. Connect LED charge indicator and test switch provided (if required) to the emergency converter as indicated in the installation guide step 2.
3. Mark the installation date on the product.
4. Fit LED indicator and test button (if required) in a suitable position then fix the product in the ceiling.
5. Switch on the mains power supply.
6. A green LED indicator light will be present to show that the batteries are charging. Full charge can take up to 24 hours (see Installation guide Step 3). On first installation, ensure fittings have received a full charge before testing.
7. If there is power supplied to the product and the LED indicator light is off, then there is a battery failure.
8. Please always pay attention to the polarity.

#### Installation Guide

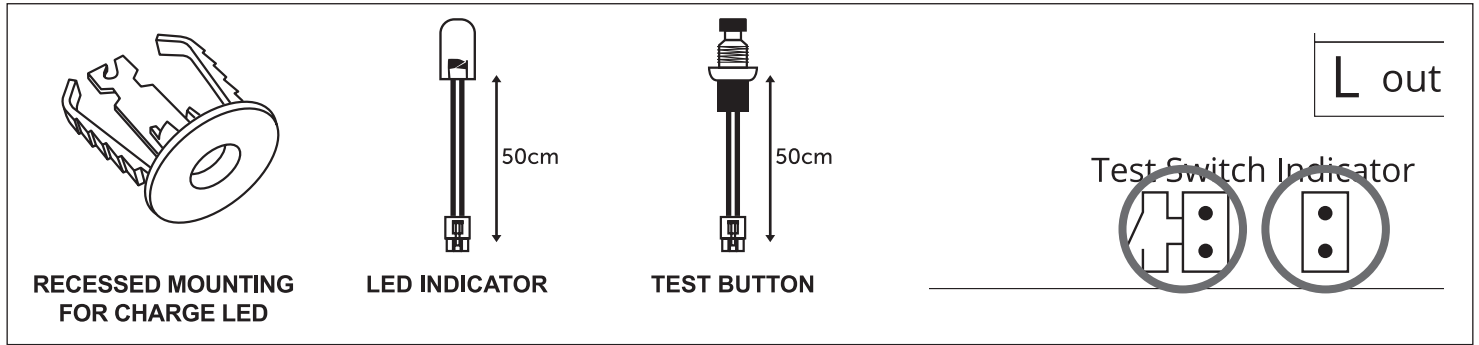
##### STEP 1 - Connect LED Driver to EM converter.



# Installation Guide

## STEP 2 - Connect LED charge indicator and test button.

An emergency LED indicator with mount and a test button are included in the kit. Please connect them as indicated in the drawing below.



When powered by a constant mains supply, the battery will be constantly charged.

On failure of the constant mains supply, the fitting will switch automatically from battery charging to battery discharge powering the LED luminaire.

**Test Schedule to record monthly functional test and yearly 3 hour duration test. All testing should be planned and incorporated as part of a managed programme with appropriate risk assessment to ensure operational emergency function is not compromised during testing.**

Panel Ref/Location .....	In case of difficulty, contact the Installation Engineers: ..... tel. ....					
Full Recharge Time 24 Hours			Duration 3 Hours			
TEST RECORD						
	Year 1		Year 2		Year 3	
Monthly Test	Signed	Date	Signed	Date	Signed	Date
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Functional						
Three Hour						

This luminaire conversion kit is designed according to BS EN 60598-2-22

