

### Safety Information

>All electrical work must be undertaken by a qualified contractor to ensure compliance with latest edition BS7671 and IEE/IET wiring regulations.

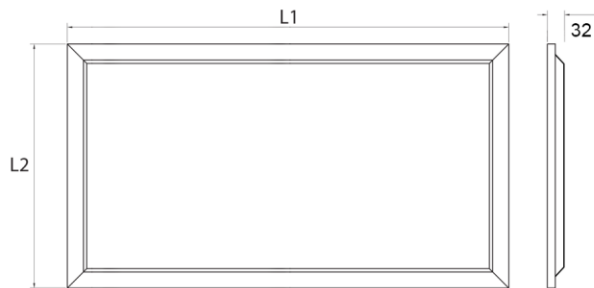
> Before installing the Ashley LED Panel Light or doing any maintenance, ensure power supply is turned off at the circuit breaker or fuse box.

> This product is designed for permanent connection to fixed wiring; the circuit should be protected with the appropriate MCB or fuse.

### Environment

>Please DO NOT dispose of electrical items or packaging as unsorted waste. Use the recycling facilities provided by your local authorities.

### PRODUCT DIMENSIONS



Size(mmxmm)	L1	L2
595x595	595	595
1195x595	1195	595

All units are in mm

### Important Warranty Information

The Ashley LED Panel Light has a 3 year warranty, which can be extended free of charge to 5 years by registering online via the website address below. The registrant must provide the product part number and date of manufacture, which can be found on the label attached to the luminaire housing.



Certificate No. FS 590684



Certificate No. EMS 590685

NETLED Lighting  
Buckingway Business Park  
300 Anderson Road  
Cambridge  
CB24 4UQ  
sales@netled.co.uk  
www.netled.co.uk

Technical Helpline: 01223 851505  
Email: support@netled.co.uk

www.netled.co.uk/downloads

Distributed by



### ASHLEY LED PANEL INSTALLATION GUIDE

#### Tri-Colour Options:

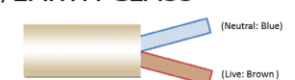
Part Number:	Description:
NET-43-03-20	600x600mm Standard
NET-43-03-21	600x600mm Emergency
NET-43-03-22	600x600mm Dimmable
NET-43-03-23	600x600mm Dimmable Emergency
NET-43-03-30	1200x600mm Standard
NET-43-03-31	1200x600mm Emergency
NET-43-03-32	1200x600mm Dimmable
NET-43-03-33	1200x600mm Dimmable Emergency

#### Single Colour (4000K) Options:

Part Number:	Description:
NET-43-03-60	600x600mm Standard
NET-43-03-61	600x600mm Emergency
NET-43-03-62	600x600mm Dimmable
NET-43-03-63	600x600mm Dimmable Emergency
NET-43-03-50	1200x600mm Standard
NET-43-03-51	1200x600mm Emergency
NET-43-03-52	1200x600mm Dimmable
NET-43-03-53	1200x600mm Dimmable Emergency

### SUPPLY/EARTH CLASS

Driver  
220-240V AC 50/60 Hz  
Fig.1 Mains Input Termination



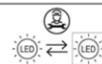
30-42V DC  
Luminaire

Fig2. Twist Lock Connectors



Installation procedure: Carefully read the installation instructions and ensure the mains supply is isolated before installation. Please follow the safety information overleaf before carrying out any installation. Please retain the leaflet for future reference. Important: When installing, leave a space of at least 1.2m between the LED Panel and any heating source/air conditioning unit.

**LED Panel Installation:**



Replaceable (LED only) light source by a professional



Replaceable control gear by professional

Step 1: Carefully remove the LED Panel and driver from the packaging. Remove the ceiling tile from the location where you want to install the LED Panel.

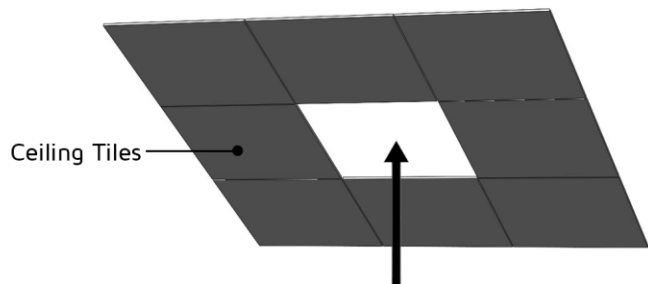


Fig.1

Step 2: Wire the flying leads from the LED Driver into the mains supply, Fig.2.

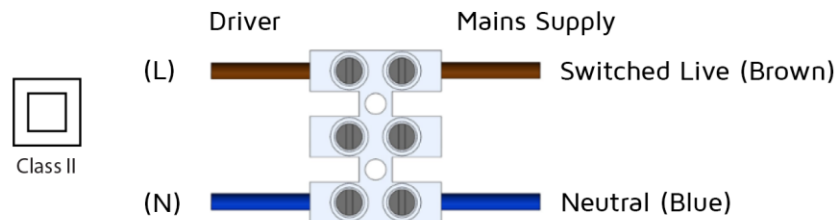


Fig.2

Step 3: Connect the panel light and driver, Fig.3.

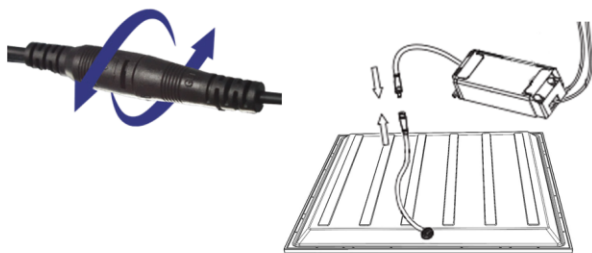


Fig.3

Step 4: Move the LED Panel into the ceiling aperture and ensure the LED Panel is mounted securely, Fig.4a. Finally, turn on the mains supply to check the panel is working correctly, Fig.4b.

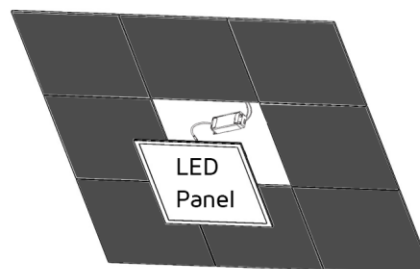


Fig.4a

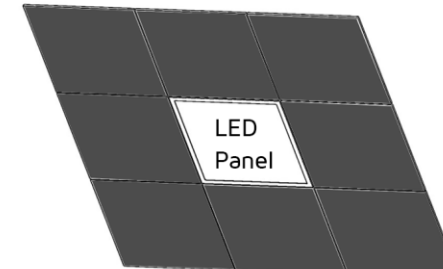
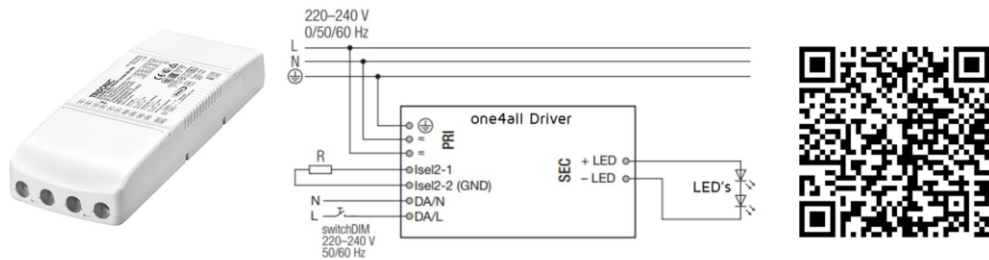


Fig.4b

**Alternate wiring diagrams**

**Dimmable LED Panel wiring diagram:**



For more Dimmable and Dimmable Emergency information, please refer to the above QR code for driver wiring instructions.

**Emergency wiring diagram:**

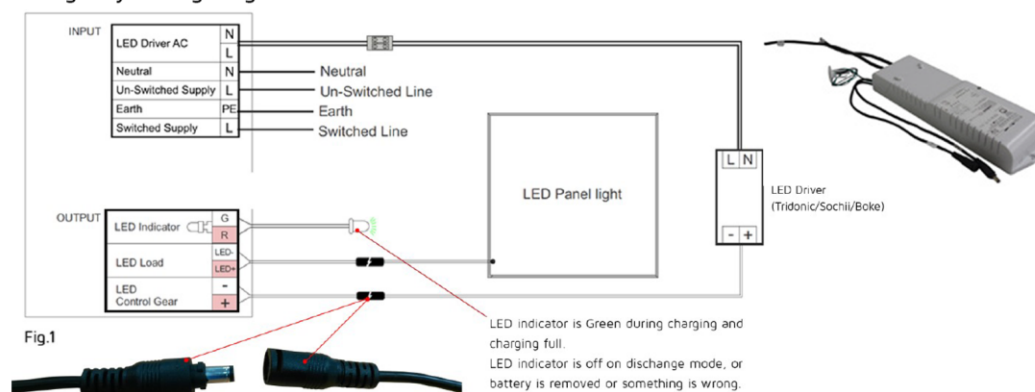


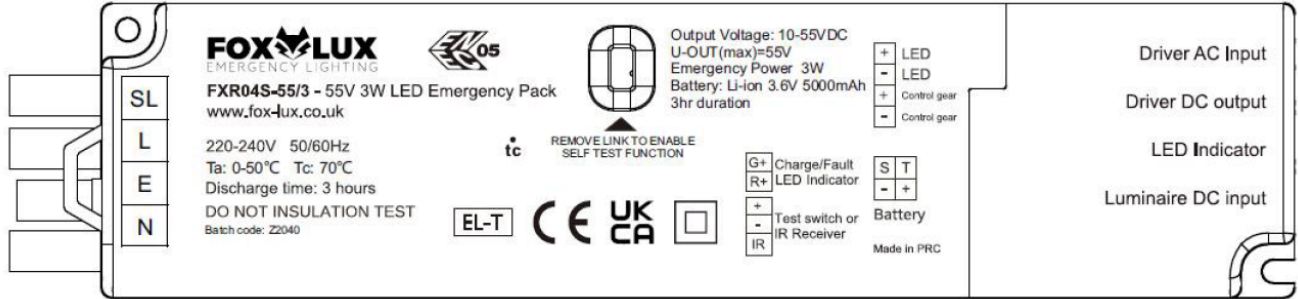
Fig.1

LED indicator is Green during charging and charging full.  
LED indicator is off on discharge mode, or battery is removed or something is wrong.

## FXR04S LED EMERGENCY CONVERSION REMOTE PACK

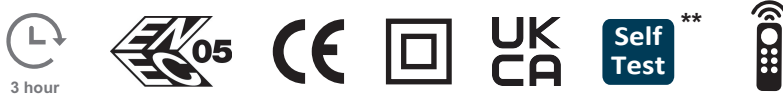
Thank you for purchasing our FXR04S LED Emergency Conversion Pack. Our products have been designed according to the relevant standards. If installed and maintained correctly they will provide a long service life.

BS EN 60598-1 / BS EN 60598-2-22 / BS EN 50172 / BS EN 1838 / BS EN 62034 / ISO 7010 / ISO 3864



This is a self-test emergency conversion pack. When the self-test system is active, a functional test is carried out automatically once a week and runs for 30seconds. A full duration test is carried out automatically every 52 weeks. The first full duration test is carried out automatically within the first 4 weeks of being connected to mains supply.

**NOTE: If the self-test function is disabled, testing must be carried out by a competent person according to BS EN 50172:2004.**



### Remote Emergency Conversion Pack Specification

Rated supply voltage	220-240V AC
Mains frequency	50 / 60Hz
Max. power consumption	5W during charging
Standby power	< 0.8W
Emergency output power	3W constant power
LED forward voltage range	10-50V DC
Max. output voltage	55V DC
Emergency duration	3 hours
Battery charging time	up to 16 hours
Max. ambient temp.	25°C
Max. battery temp.	60°C
Insulation class	II
Dimensions ( h x w x l )	25 x 55 x 223mm
Battery	18650 Li-ion 3.6V 5.0Ah

\*\*The self-test function is disabled by default. If self-test is required, please remove the jumper located on the pack.

## FXR04S LED EMERGENCY CONVERSION REMOTE PACK LED STATUS INDICATIONS

GREEN LED	RED LED	STATUS
ON	OFF	OK
1Hz FLASH	OFF	Charging
OFF	ON	Battery disconnected / Duration test fail
2Hz FLASH	OFF	Function / Duration test in progress
OFF	2Hz FLASH	Battery temperature fault
OFF	1Hz FLASH	Light source fault
0.5Hz FLASH ONCE		LED indicator response (except for BAT check and AST check)*

### Battery status - emergency lighting duration (button BAT CHK on remote control REM10)\*

0.5Hz single flash		≥3.5h
0.5Hz double flash		3.25 to 3.5hrs
0.5Hz triple flash		3.0 to 3.25hrs
0.5Hz quadruple flash		Test not completed*

\*First duration test hasn't been completed.

### Self-test function status (button AST CHK on remote control REM10)\*

0.5Hz single flash		Self-test is enabled
0.5Hz double flash		Self-test is disabled

**\*NOTE:** If remote control facility is required it is necessary to add the infrared receiver IR/R.  
Please contact Fox Lux for more information

- Slow flash = 0.5Hz (once/2 seconds)
- Normal flash = 1Hz (once/second)
- Fast flash = 2Hz (twice/second)

## INSTALLATION GUIDE

**1. Isolate Supply**

Ensure that the mains supply is switched off before installing, maintaining or servicing the emergency luminaire.

**2. Mains Connection**

Standard

Dimmable

**3. Enter Installation Date**

**4. Connections**

A

1. Connect cable A to primary side of the LED driver

B

2. Connect connector B to secondary side of the LED driver

C

3. Connect connector C to LED module

\*Note: if plug & play connectors provided are not suitable please disconnect battery before replacing the connectors. Then reconnect again.

**5. LED Indicator Installation**

Cut-out 22mm

**6. Plug In Power Input Connector**

**7. Self-test Function**

Remove link to enable self-test function

**8. Restore Supply**

