

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 Kingston/Hinxton LED Panel or doing any maintenance, ensure power supply is turned off at the circuit breaker or fuse box.

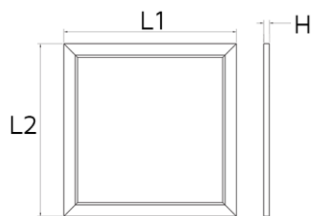
> This product is designed for permanent connection to fixed wiring; the circuit should be protected with the appropriate MCB or fuse.

Environment

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



PRODUCT DIMENSIONS

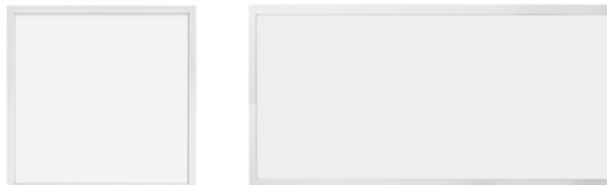


	Size	L1	L2	H
Kingston	295x295	295	295	10
	595x295	595	295	
	495x495	495	495	
	595x595	595	595	
	1195x295	1195	295	
	1195x595	1195	595	
Hinxton	595x595	595	595	9
	1195x595	1195	595	

All units are in mm

Important Warranty Information

The Kingston/Hinxton 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

NET LED Lighting
Buckingham 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



LED PANEL INSTALLATION GUIDE

KINGSTON RANGE

Part Number	Description
NET-39-03-00	300x300mm Standard
NET-39-03-32	300x300mm Emergency
NET-39-03-01	600x300mm Standard
NET-39-03-33	600x300mm Emergency
NET-39-03-02	500x500mm Standard
NET-39-03-03	500x500mm Emergency
NET-39-03-05	500x500mm Dimmable
NET-39-03-07	500x500mm Dimmable Emergency
NET-39-03-04	600x600mm Standard
NET-39-03-09	600x600mm Emergency
NET-39-03-10	600x600mm Dimmable
NET-39-03-11	600x600mm Dimmable Emergency
NET-39-03-06	1200x300mm Standard
NET-39-03-12	1200x300mm Emergency
NET-39-03-13	1200x300mm Dimmable
NET-39-03-14	1200x300mm Dimmable Emergency
NET-39-03-08	1200x600mm Standard
NET-39-03-15	1200x600mm Emergency
NET-39-03-16	1200x600mm Dimmable
NET-39-03-17	1200x600mm Dimmable Emergency
NET-39-03-30	600x600mm Tunable White Standard
NET-39-03-31	600x600mm Tunable White Emergency

HINXTON RANGE

Part Number	Description
NET-39-03-24	600x600mm Standard
NET-39-03-18	600x600mm Emergency
NET-39-03-19	600x600mm Dimmable
NET-39-03-20	600x600mm Dimmable Emergency
NET-39-03-28	1200x600mm Standard
NET-39-03-21	1200x600mm Emergency
NET-39-03-22	1200x600mm Dimmable
NET-39-03-23	1200x600mm Dimmable Emergency

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.

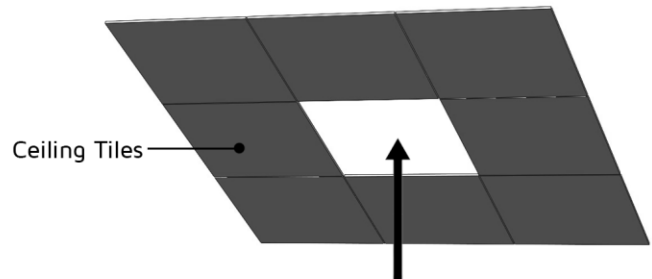


Fig.1

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

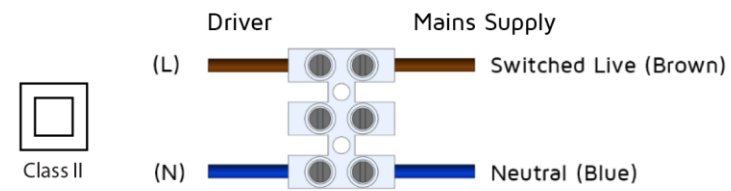


Fig.2

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

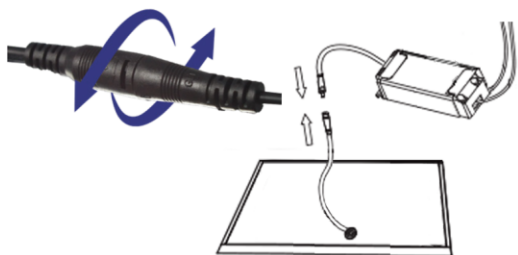


Fig.3

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.

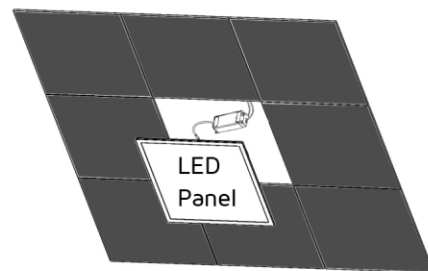


Fig.4a

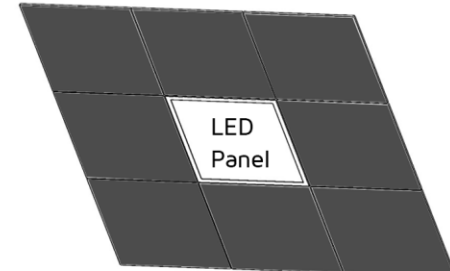
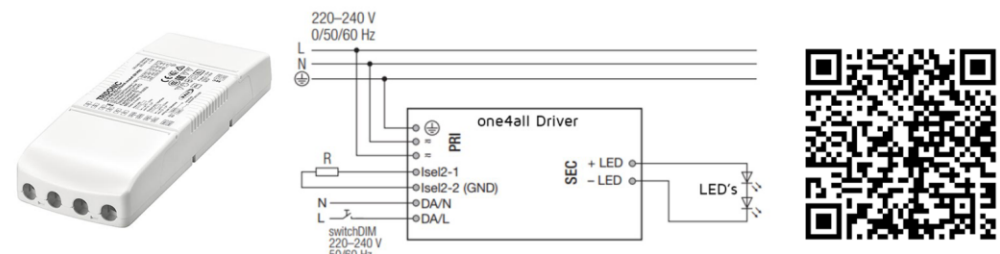


Fig.4b

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:

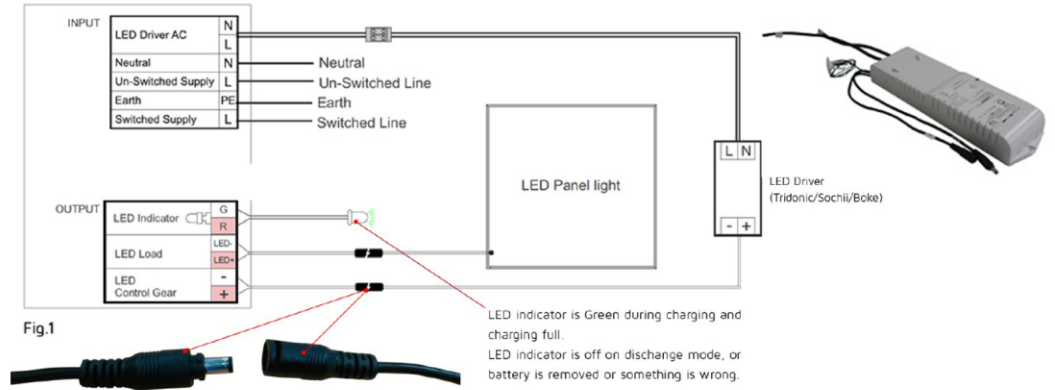
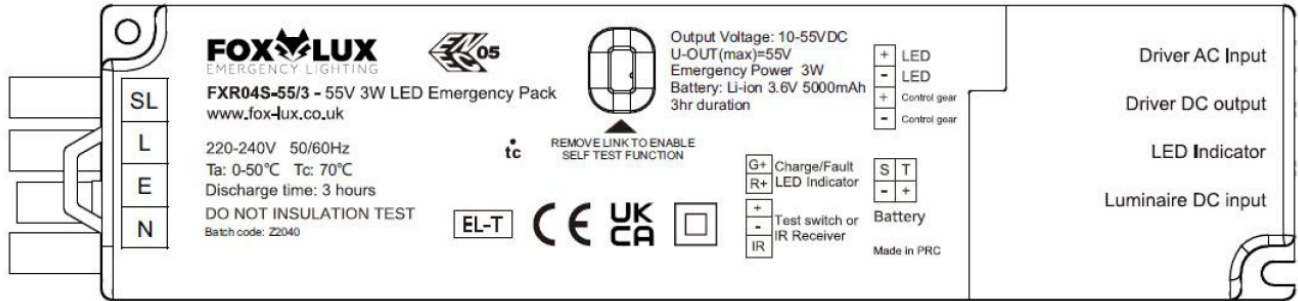


Fig.1

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*

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

Power Input

A To Driver AC

B To Driver DC

C To Luminaire DC

LED Indicator

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

DATE OF INSTALLATION: ____/____/____

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