

### 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.

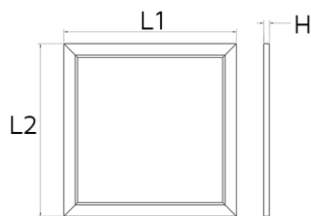
> This product is designed for permanent connection to fixed wiring; the circuit should be protected with the appropriate MCB or fuse.

### 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.

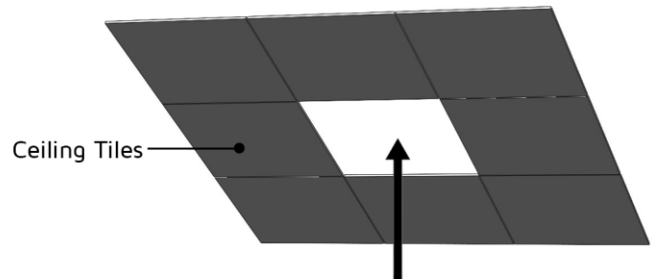


Fig.1

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

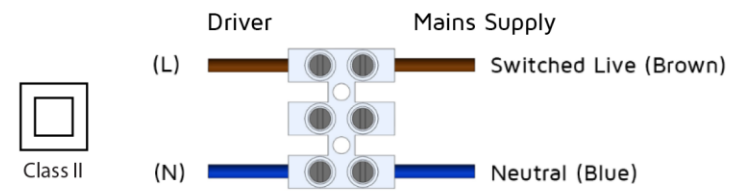


Fig.2

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

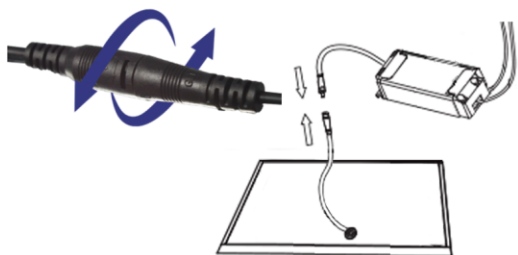


Fig.3

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.

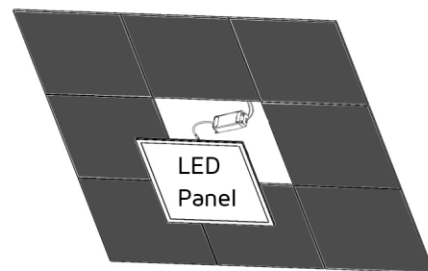


Fig.4a

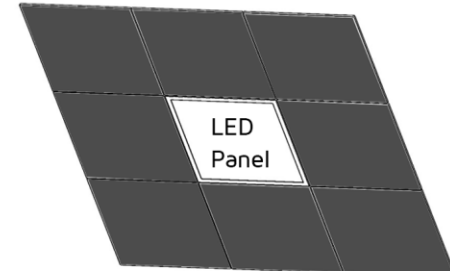
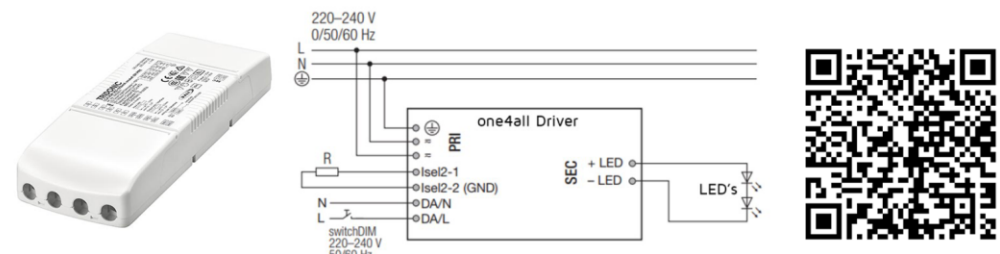


Fig.4b

**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:**

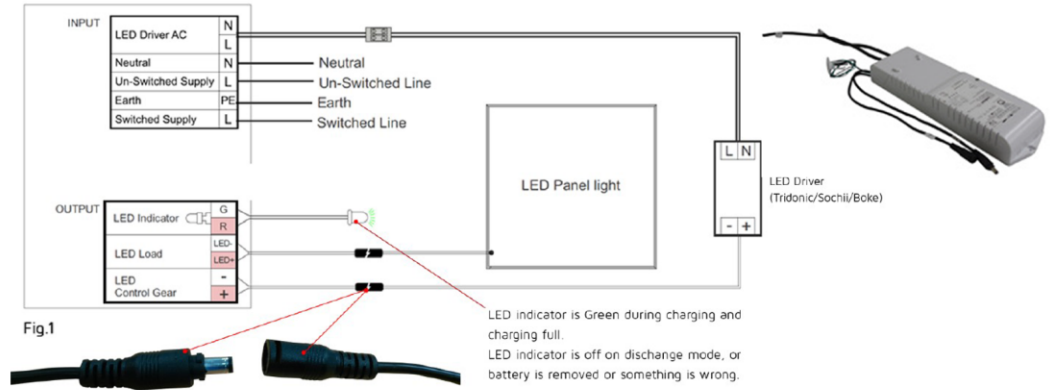


Fig.1

Test types: C = Commissioning and verification test  
 M = Monthly test (see BS EN 50172) short function test  
 A = Annual test (BS EN 50172) full rated duration test

| Date of test | Test Type      | Result - Test passed<br>No action needed | Result - Test failed                       |  |
|--------------|----------------|--|--|--|
|              |                | Name                                     | Need for repair of system notified<br>Name | Need for safeguarding of premises notified<br>Name |
|              | C              |  |  |  |
|              | M - 1st Month  |  |  |  |
|              | M - 2nd Month  |  |  |  |
|              | M - 3rd Month  |  |  |  |
|              | M - 4th Month  |  |  |  |
|              | M - 5th Month  |  |  |  |
|              | M - 6th Month  |  |  |  |
|              | M - 7th Month  |  |  |  |
|              | M - 8th Month  |  |  |  |
|              | M - 9th Month  |  |  |  |
|              | M - 10th Month |  |  |  |
|              | M - 11th Month |  |  |  |
|              | A - ___ Year   |  |  |  |
|              | M - 1st Month  |  |  |  |
|              | M - 2nd Month  |  |  |  |
|              | M - 3rd Month  |  |  |  |
|              | M - 4th Month  |  |  |  |
|              | M - 5th Month  |  |  |  |
|              | M - 6th Month  |  |  |  |
|              | M - 7th Month  |  |  |  |
|              | M - 8th Month  |  |  |  |
|              | M - 9th Month  |  |  |  |
|              | M - 10th Month |  |  |  |
|              | M - 11th Month |  |  |  |
|              | A - ___ Year   |  |  |  |
|              | M - 1st Month  |  |  |  |
|              | M - 2nd Month  |  |  |  |
|              | M - 3rd Month  |  |  |  |
|              | M - 4th Month  |  |  |  |
|              | M - 5th Month  |  |  |  |
|              | M - 6th Month  |  |  |  |
|              | M - 7th Month  |  |  |  |
|              | M - 8th Month  |  |  |  |
|              | M - 9th Month  |  |  |  |
|              | M - 10th Month |  |  |  |
|              | M - 11th Month |  |  |  |
|              | A - ___ Year   |  |  |  |



NET-50-33-02



## Installation and Operating Instructions for STREAMER Emergency Lighting Kit (Tunable Panels)

NET LED Ltd.  
 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



### Important Warranty Information

The Emergency Lighting Kit has a 3 year warranty. To claim you must provide the product part number and date of manufacture, which can be found on the label attached to the luminaire housing along with the original purchase invoice.

**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 this leaflet for future reference.

### Step 1: Wiring Connection Details

Remove the Emergency Kit from the packaging.

Connect the Emergency Kit to the LED Panel following the wiring guide. Fig.1 shows the typical wiring of the Emergency kit.

The Emergency Kit must have a connection to an unswitched supply originating from the same supply as the mains lighting in the area in which it is to be installed.

When wiring is complete, ensure the cables are secured in place using the fixings supplied.

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

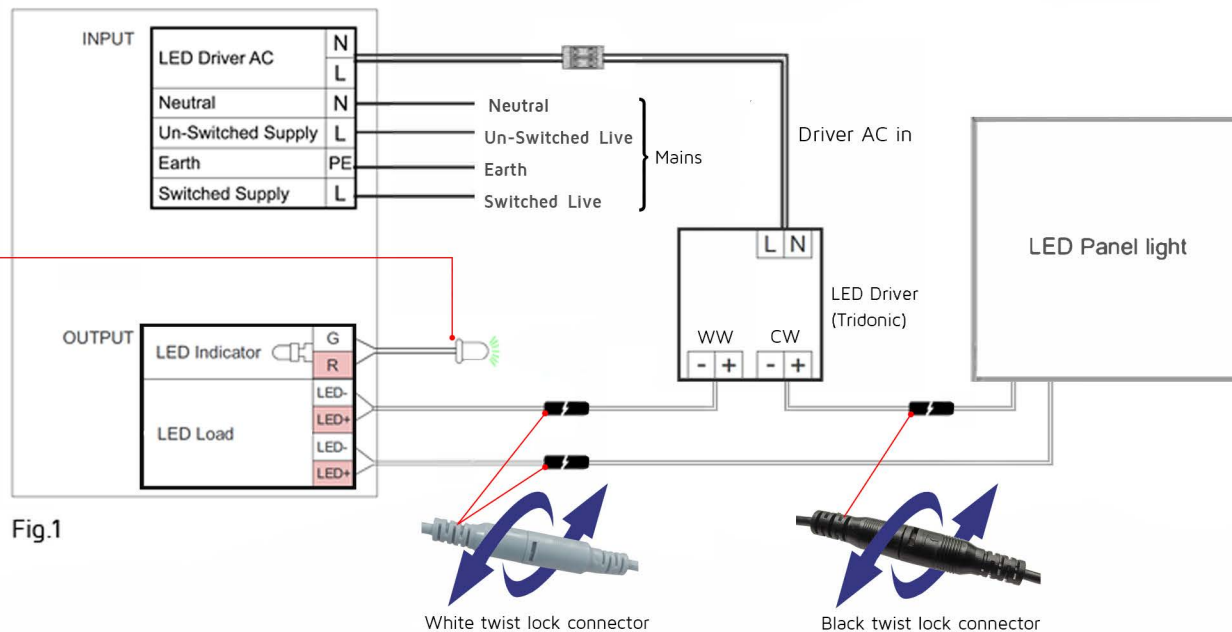


Fig.1

Tunable panel colour temperature can be customised by downloading the 4remote BT app.

TRIDONIC

Website

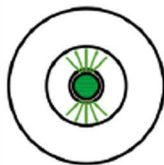
<http://www.tridonic.com/28002584>



### Step 2: Apply Mains Supply

Apply mains supply to test the LED tube. The indicator LED will show green.

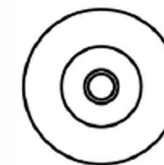
NOTE: The indicator LED must be visible when the fitting is in normal use, in accordance with BS EN 60598-2-22.



### Step 3: Test Emergency Supply

To test, briefly fail the unswitched and mains supply to illuminate fitting from the internal battery. The indicator LED will be extinguished and the LEDs on the Tube will illuminate.

NOTE: If the battery has not been charged for an extended period, the luminaire may only illuminate briefly or fail to operate until the battery is charged.



### General Description

- Luminaire should only be installed by suitably qualified personnel.
- Installation should be carried out in accordance with the requirements of BS7671 and luminaires located as required by BS5266 Pt. 1 as well as BS EN 1838 and BS EN 50172.
- Before installing, connecting or servicing these luminaires, isolate the mains supply to which they are to be connected.
- To comply with the requirements of BS EN 50172 it is necessary to record the indicator LED status.

| Technical Specifications |                     |
|--------------------------|---------------------|
| Power                    | 4.5W                |
| Input Voltage AC         | 220-240V            |
| Power Factor             | >0.5                |
| Output Voltage           | DC 10-50V           |
| Output Power             | 3W                  |
| Battery Pack             | LiFePO4 6.4V 2200Ah |
| Battery Cut-off          | 5V                  |
| Recharge Period          | 16H                 |
| Hours Maintained         | >3H                 |
| Operating Temperature    | 0°C to +50°C        |
| Weight                   | 0.38Kg              |

### Emergency Kit Dimensions

