

### Safety Information

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

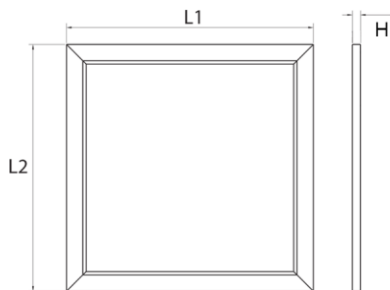
> Before installing the Kingston/Hinxton LED Panel or doing any maintenance, ensure power supply is turned off at the circuit breaker or fuse box.

> 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	495x495	495	495	10
	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 571788



Certificate No. EMS 571787

NET LED Ltd.  
Buckingham Business Park  
300 Anderson Road  
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CB24 4UQ  
sales@netled.co.uk  
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Technical Helpline: 01223 851505  
Email: support@netled.co.uk

www.netled.co.uk/downloads

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### LED PANEL INSTALLATION GUIDE

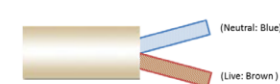
### LED PANEL NET-39-03-XX

### KEY DATA

	Kingston				Hinxton	
Light Source:	LED				LED	
Size (mm)	495x495	595x595	1195x295	1195x595	595x595	1195x595
Power	20W	30W	30W	47W	30W	50W
Luminous Flux	2100lm	3300lm	3300lm	5300lm	3000lm	5000lm
Luminous Efficacy	110lm/W	110lm/W	110lm/W	116lm/W	100lm/W	
Colour Temperature	3000K / 4000K / 5500K				4000K	
Colour Rendering	>80 CRI				>80 CRI	
Housing Material	Aluminium				Aluminium	
Diffuser	Polycarbonate				Polycarbonate	
IP Rating	IP40 Front / IP20 Rear				IP44 Front / IP20 Rear	
Manufacturer	Lumlux Lighting				Lumlux Lighting	

### SUPPLY/EARTH CLASS

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

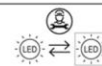


Luminaire  
33-38V DC  
Fig2. Twist Lock Connectors



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.

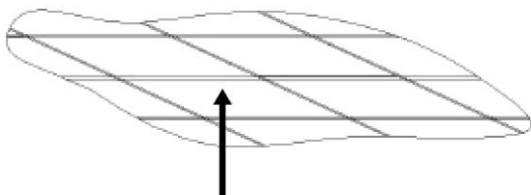


Fig.1

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

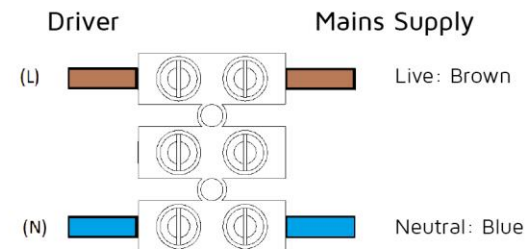


Fig.2

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

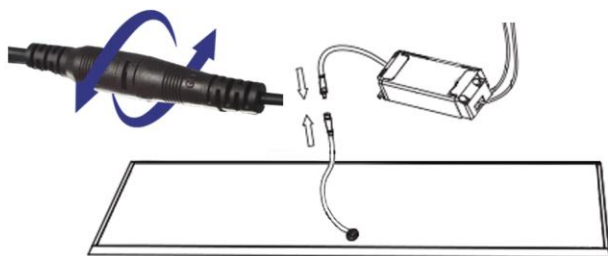


Fig.3

**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.

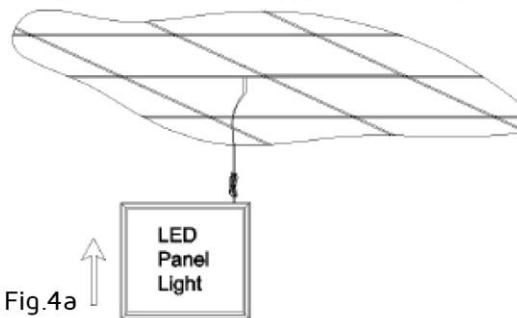


Fig.4a

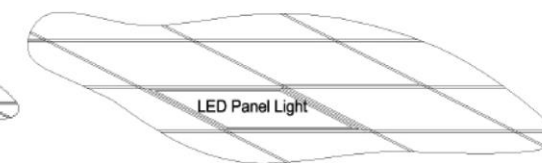
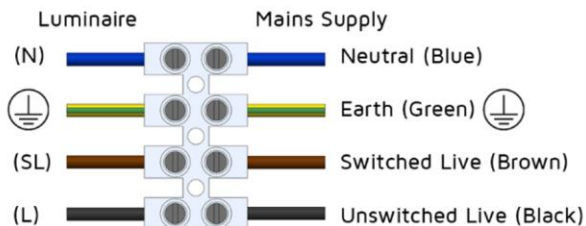


Fig.4b

Optional additional products: A number of additional mounting options are also available.

**3 Hour Emergency Kits**

LED Panel Lights are compatible with our 3 Hour Emergency Kits. Units maintain compatible Panels for 3 hours at not less than 3W.



**Dimming accessories**

We supply DALI, Push and 1-10V dimming accessories specially calibrated for use with LED Panel lights.

Full specifications are available on request or at [www.netled.co.uk](http://www.netled.co.uk).



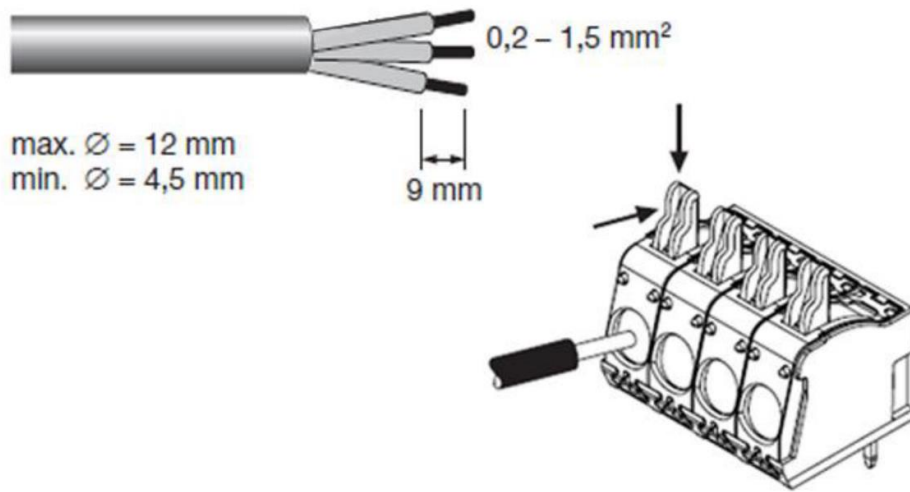
For Dimmable and Dimmable Emergency, please refer to the above QR code for driver wiring instructions.

#### Wiring to the plug-in power terminal:

- Use solid wire or stranded wire with the correct cross-section
- Strip off correct length of insulation; you may need to twist the tool slightly
- If stranded wire is used: push onto the terminal from above to be able to insert the wire
- Insert the bare end into the terminal

#### Mains supply wires

Stranded with or solid wire from 0.5 to 2.5mm<sup>2</sup> may be used for wiring.



For more information regarding driver settings/options, please access the QR code below:



#### Website

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

# TRIDONIC

## Tunable Driver Installation Guide

Distributed by

**NET LED**  
LIGHTING



Certificate No. FS 571788



Certificate No. EMS 571787

NET LED Ltd.  
Buckingway Business Park  
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Technical Helpline: 01223 851505  
Email: support@netled.co.uk

[www.netled.co.uk/downloads](http://www.netled.co.uk/downloads)

**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.

**Product description:**

- Independent dimmable constant current 2-channel LED Driver with strain-relief
- Forms automatically a wireless communication network with up to 250 nodes
- Dimming range 1-100%
- Suitable for luminaires of protection class I and protection class II
- Max. output power 38W
- Up to 87% efficiency
- Power input on stand-by <0.37 W
- Nominal lifetime up to 100,000 h

**Interfaces:**

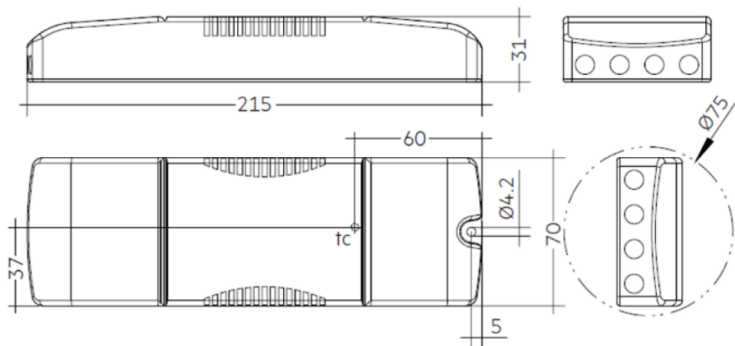
- basicDIM Wireless
- Terminal blocks: 45° / 0° push terminals

**Functions:**

- Constant light output function (CLO)
- Power-up fading and fade2zero
- Protective features (over temperature, short-circuit, overload, no-load, reduced surge amplification)
- Tunable white application

**Network compatibility:**

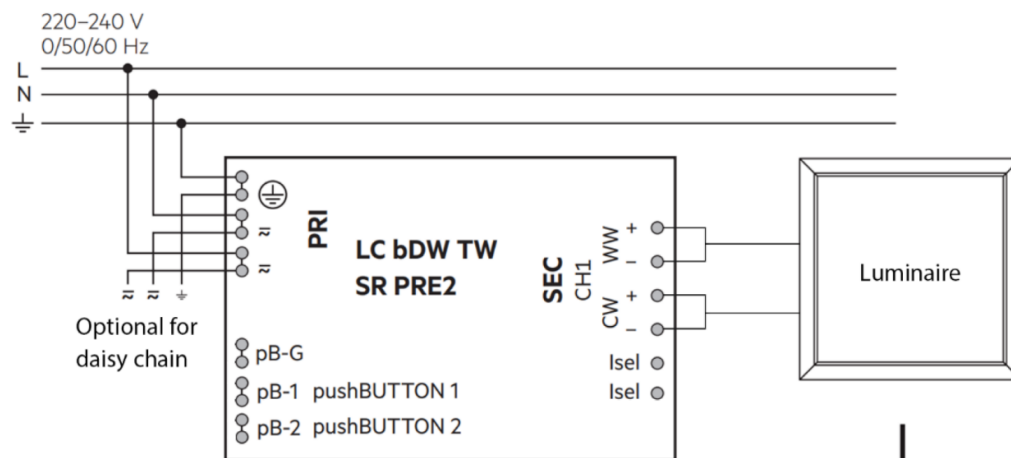
- This Driver is fully compatible with networks which support up to 250 nodes (Evolution networks). If the Driver is used with different types of basicDIM Wireless devices in an Evolution network, their compatibility has to be checked before. If a device is not compatible the Evolution networks, it can be only used in networks which support up to max. of 127 devices (Classic networks).



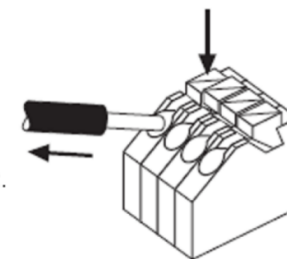
Additional technical information at [www.tridonic.com](http://www.tridonic.com) (Technical Data)

**Configuration:**

To configure the driver, download the **4remote BT App**



Press down the 'push button' and remove the cable from front.



Replaceable (LED only) light source by a professional



Replaceable control gear by professional

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 failed		
		Result - Test passed No action needed	Need for repair of system notified	Need for safeguarding of premises notified
		Name	Name	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			
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	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)

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Buckingway Business Park  
300 Anderson Road  
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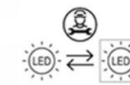
Technical Helpline: 01223 851505  
Email: support@netled.co.uk



### 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.



Replaceable (LED only)  
light source by professional



Replaceable control  
gear by professional

### 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.

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



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

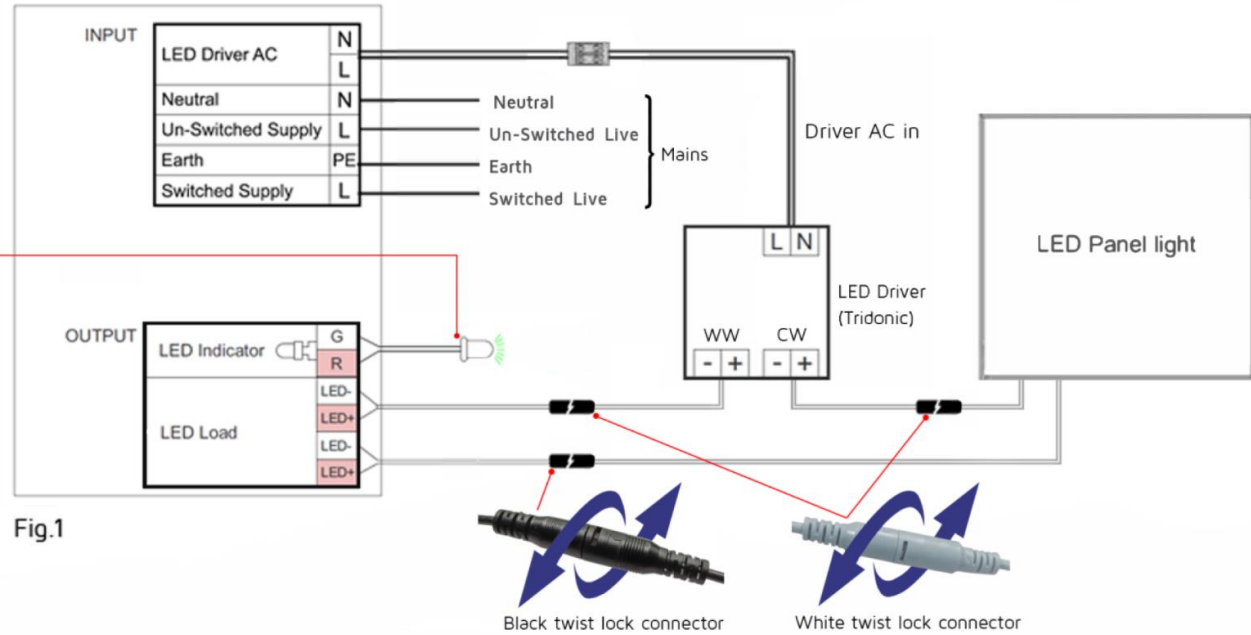


Fig.1

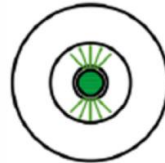
Black twist lock connector

White twist lock connector

### Step 2: Apply Mains Supply

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

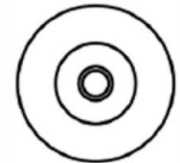
NOTE: The indicator LED must be visible when the fitting is in normal use, in accordance with BS EN 60598-2-22.



### 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

