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 maintainance, ensure power supply is turned off at the circuit breaker or fuse box.
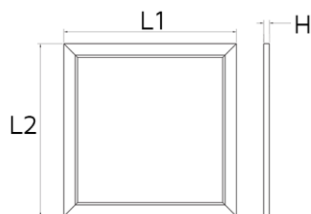
> This product is designed for permanent connection to fixed wiring; the circuit should be protected with the appropriate MCB or fuse.

Environment

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

UKCA **CE**

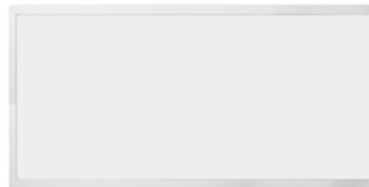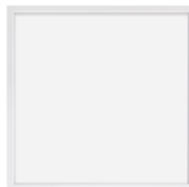## PRODUCT DIMENSIONS

	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.

Member of the LIA

LED Luminaires and Retrofit Bulbs Licensing Program
Member
NET LED Ltd
ENABLED

bsi. ISO 9001 Quality Management
Certificate No. FS 590684

bsi. ISO 14001 Environmental Management
Certificate No. EMS 590685

LED PANEL INSTALLATION GUIDE
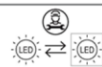
KINGSTON RANGE

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.
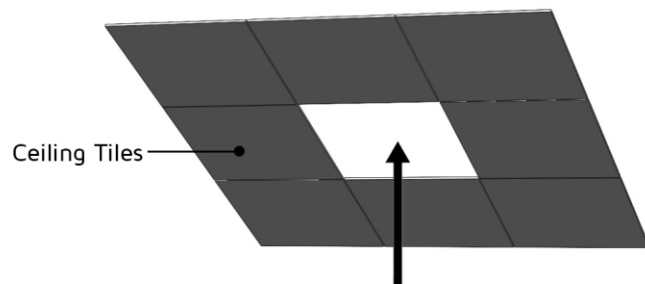
Ceiling Tiles

Fig.1

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

Driver   Mains Supply

(L)   Switched Live (Brown)

Class II
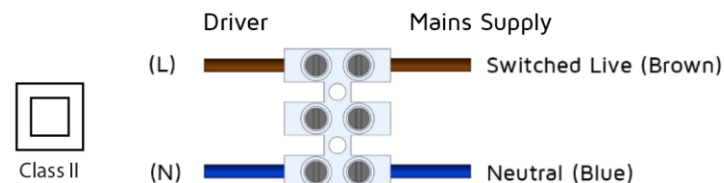
(N)   Neutral (Blue)

Fig.2

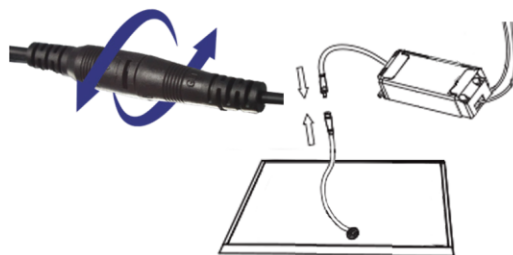**Step 3**: Connect the panel light and driver, Fig.3.

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.
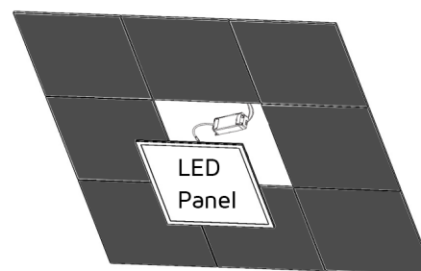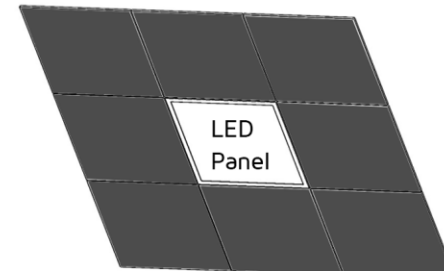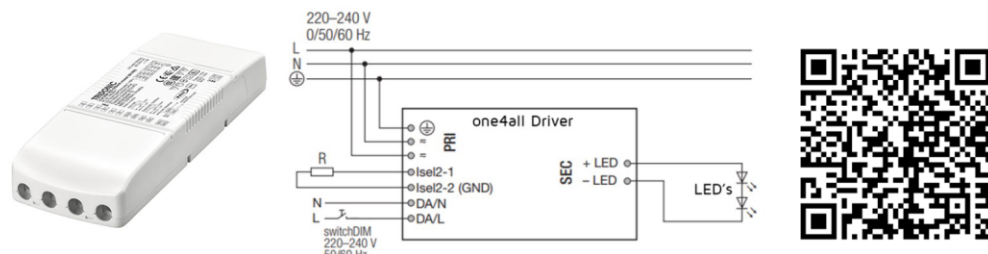
LED Panel

LED Panel

Fig.4a   Fig.4b

Alternate wiring diagrams

Dimmable LED Panel wiring diagram:

220–240 V
0/50/60 Hz
L
N

one4all Driver

PRI

R
Isel2-1
Isel2-2 (GND)
DA/N
DA/L
N
L
switchDIM
220–240 V
50/60 Hz

SEC
+ LED
– LED

LED's

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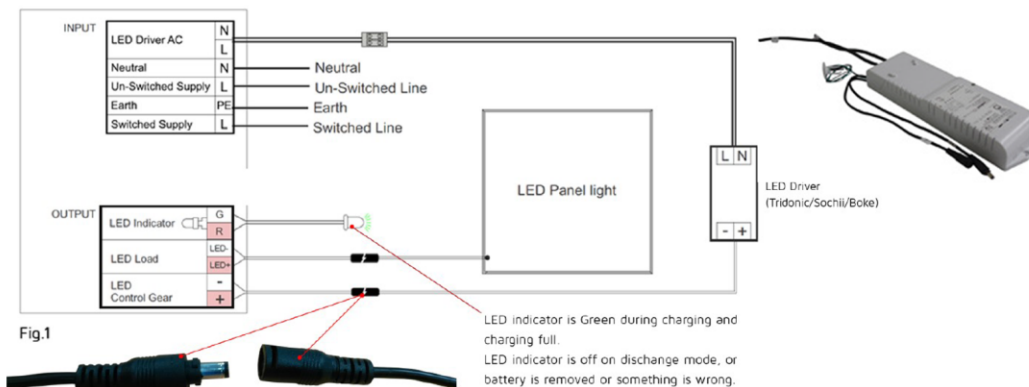
Emergency wiring diagram:

INPUT
LED Driver AC   N
                       L
Neutral   N   Neutral
Un-Switched Supply   L   Un-Switched Line
Earth   PE   Earth
Switched Supply   L   Switched Line

LED Panel light

L N

LED Driver (Tridonic/Sochii/Boke)

- +

OUTPUT
LED Indicator   G
                       R
LED Load   LED-
                       LED+
LED Control Gear   -
                        +
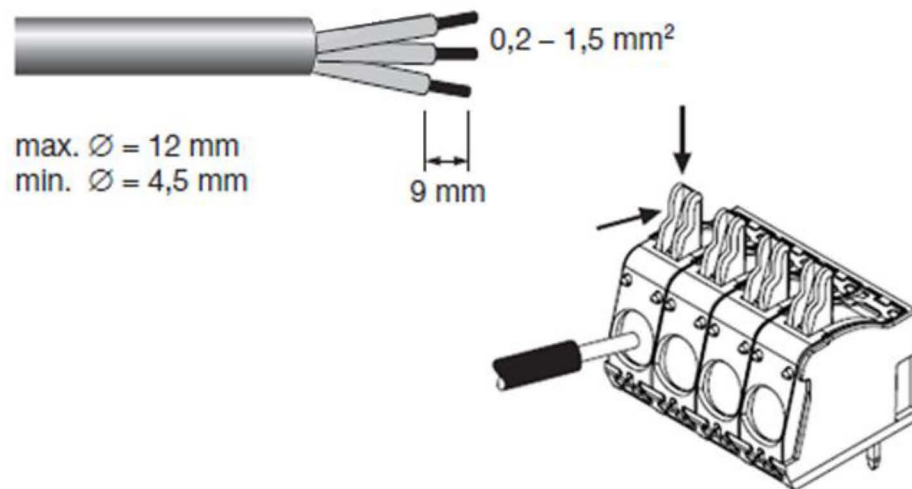
LED indicator is Green during charging and charging full.
LED indicator is off on dischage mode, or battery is removed or something is wrong.

Fig.1

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 2.5mm² may be used for wiring.

0,2 – 1,5 mm²

9 mm

max. Ø = 12 mm
min. Ø = 4,5 mm

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

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ENAB**LED**

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Certificate No. EMS 590685

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sales@netled.co.uk
www.netled.co.uk

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

www.netled.co.uk/downloads

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
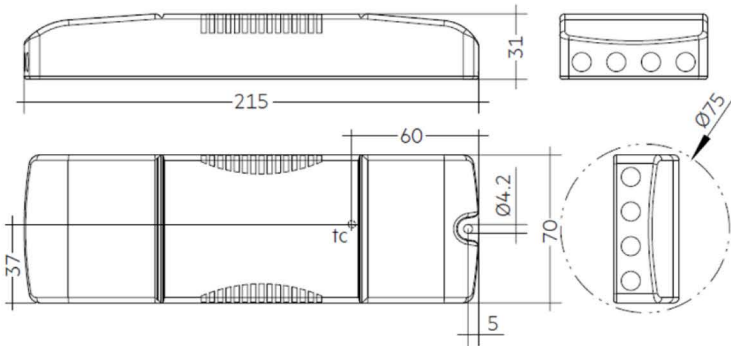
Interfaces:

- 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
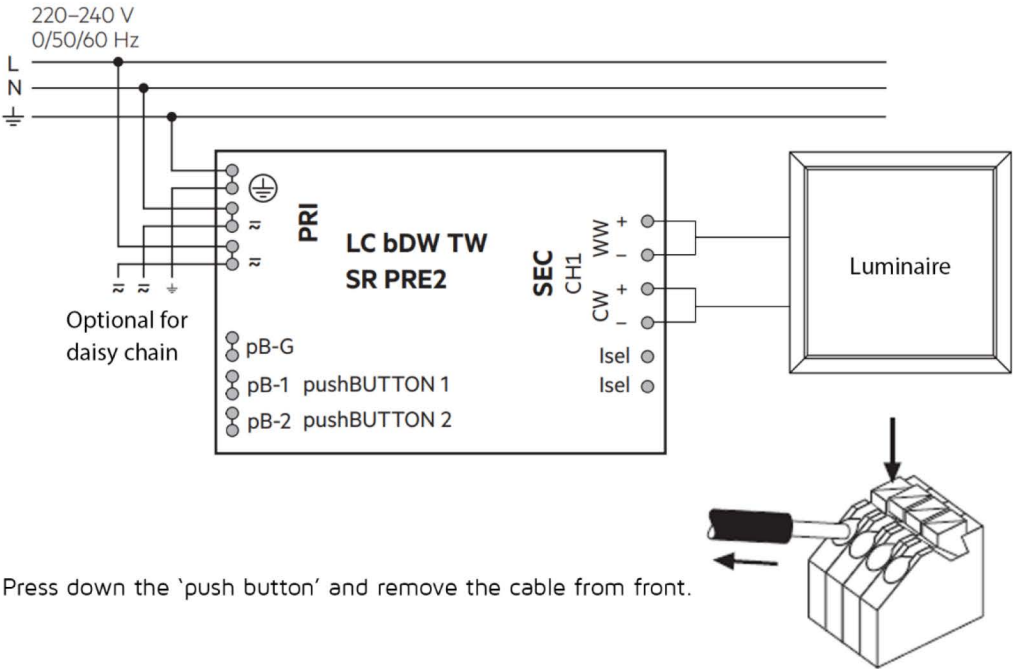
Network compatibility:

- 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).
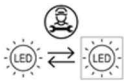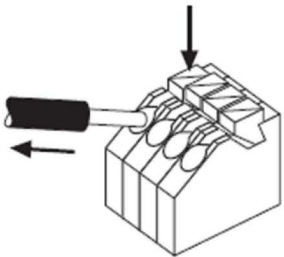
Additional technical information at www.tridonic.com (Technical Data)

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