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.

PRODUCT DIMENSIONS

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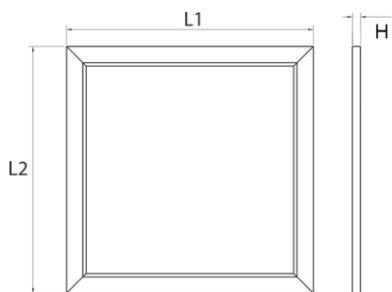
	Size	L1	L2	H
Kingston	495x495	495	495	10
	595x595	595	595	
	1195x295	1195	295	
	1195x595	1195	595	
Hinxton	595x595	595	595	9
	1195x595	1195	595	

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.

Member of theLIA

LED Luminaires and Retrofit Bulbs Licensing Program

Member
NET LED Ltd

ENABLED

bsi. ISO 9001 Quality Management
Certificate No. FS 571788

bsi. ISO 14001 Environmental Management
Certificate No. EMS 571787

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	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 Font / IP20 Rear	
Manufacturer		Lumlux Lighting				Lumlux Lighting	

SUPPLY/EARTH CLASS

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

(Neutral: Blue)
(Live: Brown)

Class II
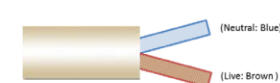
Luminaire
33-38V DC
Fig2. Twist Lock Connectors

Class III

UK CA   CE

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.
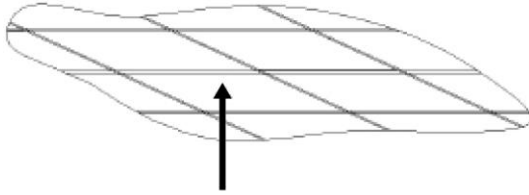

Fig.1

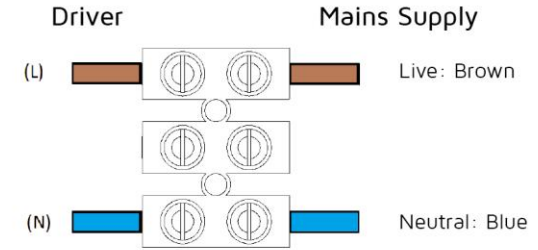**Step 2**: Wire the flying leads from the LED Driver into the mains supply, Fig.2.

Driver   Mains Supply

(L)   Live: Brown

(N)   Neutral: Blue

Fig.2

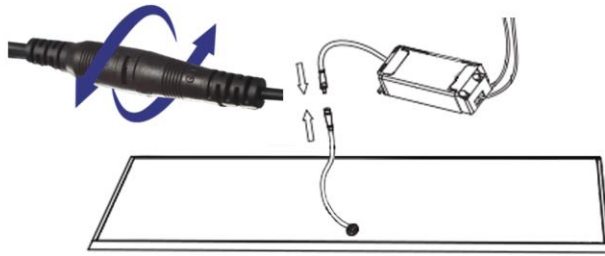**Step 3**: Connect the panel light and driver, Fig.3.

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.
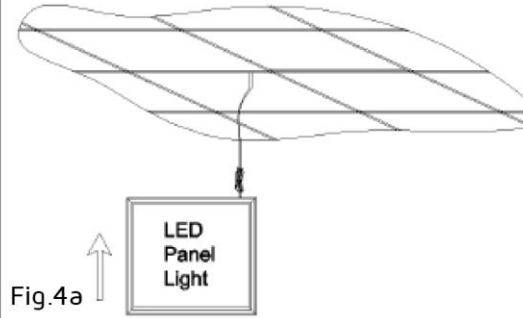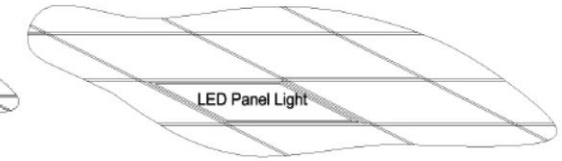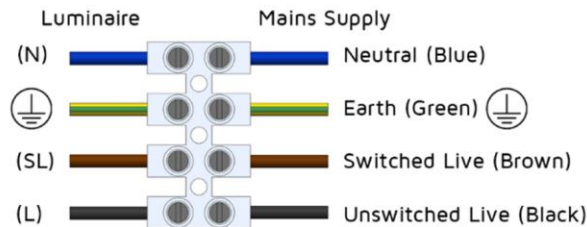

LED Panel Light

LED Panel Light

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.

Luminaire   Mains Supply

(N)   Neutral (Blue)

⏚   Earth (Green) ⏚

(SL)   Switched Live (Brown)

(L)   Unswitched Live (Black)

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.

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^2 may be used for wiring.

0,2 – 1,5 mm^2

max. Ø = 12 mm
min. Ø = 4,5 mm

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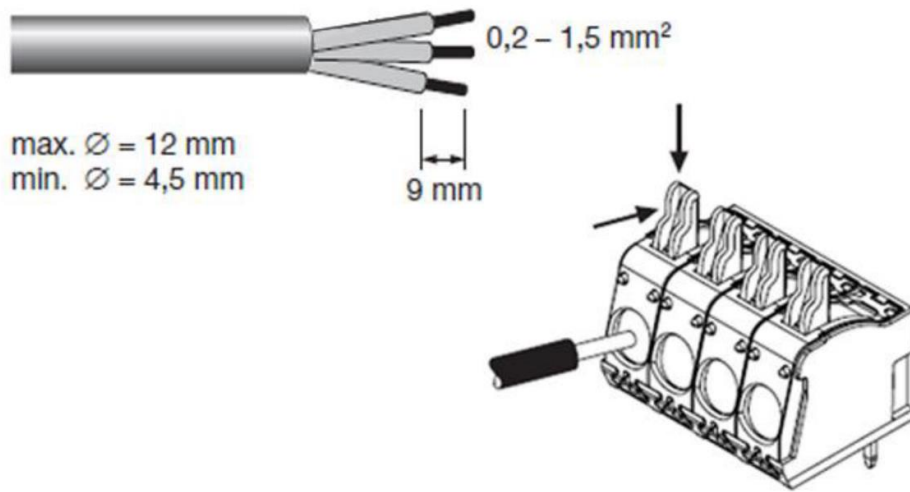
For more information regarding driver settings/options, please access the QR code below:

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

TRIDONIC
Tunable Driver Installation Guide

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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
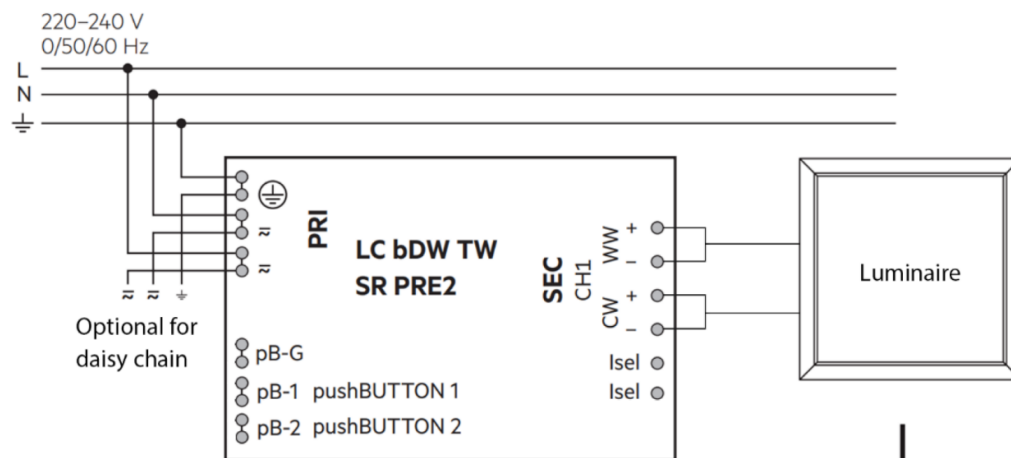
Network compatibility:

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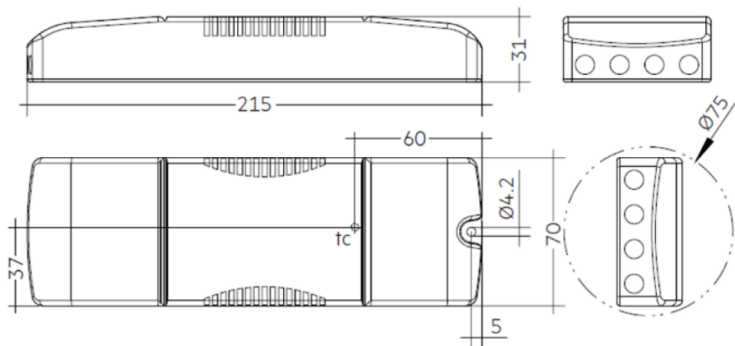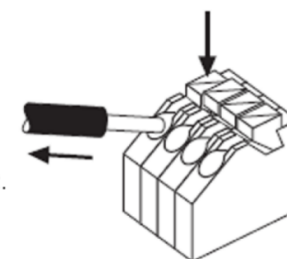
Additional technical information at www.tridonic.com (Technical Data)

Configuration:

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

TRIDONIC

Available on Google Play

Download on the App Store

220–240 V
0/50/60 Hz

LC bDW TW
SR PRE2

PRI
SEC CH1

Optional for
daisy chain

pB-G
pB-1 pushBUTTON 1
pB-2 pushBUTTON 2

Isel
Isel

Luminaire

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

Replaceable (LED only) light
source by a professional

Replaceable control
gear by professional