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

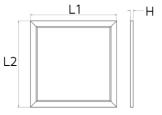
>Please DO NOT dispose of electrical items or packaging as unsorted waste. Use the recycling facilities provided by your local authorities.

CA (





PRODUCT DIMENSIONS



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

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.





LED Luminaires and Retrofit Bulbs Licensing Program

Member NET LED Ltd





Certificate No. FS 590684

Certificate No. EMS 590685

NET LED Lighting Buckingway 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				

ronmental <u>HINX I ON RAI</u>

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:

Fig.1

Fig.3

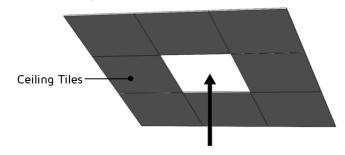


Replaceable (LED only) light source by a professional



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.



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

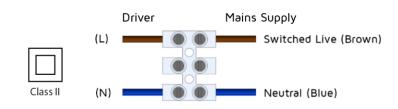
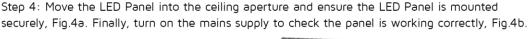


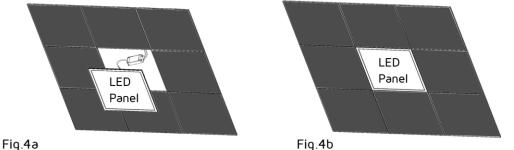
Fig.2

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

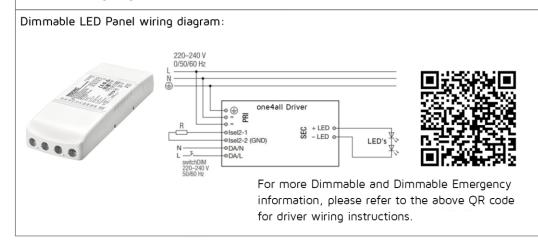


tep 3: Connect the panel light and onver, Fig.3.

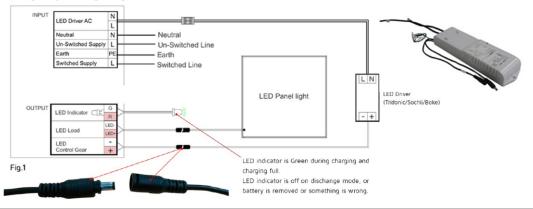




Alternate wiring diagrams



Emergency wiring diagram:



NET LED	Emergend	y Lighting Insp	ection and Tes	t Record		
LIGHTING	Sheet Number	Site				
Test types:	C = Commissioning	and verification test				
	M = Monthly test (se	ee BS EN 50172) short fu	nction test			
	A = Annual test (BS	EN 50172) full rated dura	ation test			
			Result - Test failed			
Date of test	t Test Type	Result - Test passed No action needed	Need for repair of system notified	Need for safeguarding of premises notified		
		Name	Name	Name		
	С					
	M - 1st Month					
	M - 2nd Month					
	M. 2nd Month					

3	neet number	Site				
Test types:	C = Commissioning	and verification test				
		e BS EN 50172) short fu				
	A = Annual test (BS	EN 50172) full rated dura	ition test			
		NAMES OF THE PARTY	Result - Test failed			
Date of test	Test Type	Result - Test passed No action needed	Need for repair of system notified	Need for safeguarding o premises notifie		
		Name	Name	Name		
	С					
	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. Buckingway 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 dischange 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





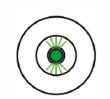


N LED Driver AC N Neutral Neutral **Un-Switched Supply** Driver AC in Un-Switched Live Mains Earth Earth Switched Supply Switched Live LN LED Panel light LED Driver (Tridonic) OUTPUT WW CW LED Indicator R + - + LED LED LED Load LED LED Fig.1 White twist lock connector Black twist lock connector

Step 2: Apply Mains Supply

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

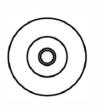
NOTE: The indicator LED must be visible when the fitting is in normal use, in accordance with BS EN 60598-2-22



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.



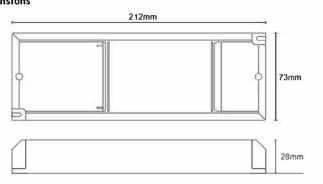
General Description

- 1. Luminaire should only be installed by suitably qualified personnel.
- 2. 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.
- 3. Before installing, connecting or servicing these luminaires, isolate the mains supply to which they are to be connected
- 4. To comply with the requirements of BS EN 50172 it is neccessary to record the indicator LED status.

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

INPUT

Emergency Kit Dimensions





Part Number:			Installation Date:								
Luminaire Ref/Location		In case of difficulty, contact the Installation Engineers:									
Full Recharge Time 24 Hours		Duration 3 Hours			Lamp Type - LED						
ROUTINE TEST RECORD											
	Yea	er 1	Yea	Year 2		Year 3		Year 4		Year 5	
Monthly Test	Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date	
Functional											
Functional											
Functional											
Functional											
Functional											
One Hour											
Functional											
Functional											
Functional											
Functional											
Functional											
Three Hour											