

Safety Information

> All electrical work must be undertaken by a qualified contractor to ensure compliance with latest edition BS 7671 and IEE/IET wiring regulations.

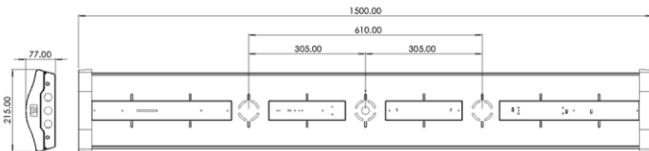
> Before installing a LED Cambridge fitting or doing any maintenance, ensure power supply is turned off at the circuit breaker or fuse box.

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



Important Warranty Information

The LED Cambridge fitting 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.
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 CAMBRIDGE LINEAR NET-51-11-XX

KEY DATA

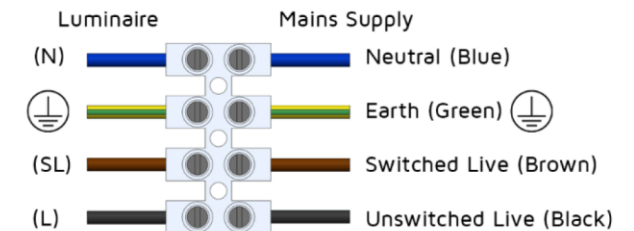
Light Source	LED 
Power	38W / 50W
Luminius Flux	5000lm / 6500lm
Luminous Efficacy	>130lm/W
Colour Temperature	3000K / 4000K / 5500K
Colour Rendering	>80 CRI
Housing Material	SPCC
Diffuser Material	PC
IP Rating	IP20
Manufacturer	Sealite UK

SUPPLY/EARTH CLASS

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



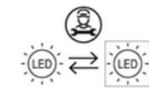
Class I



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.

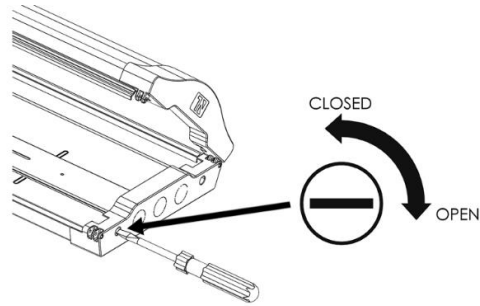


Replaceable control gear by professional

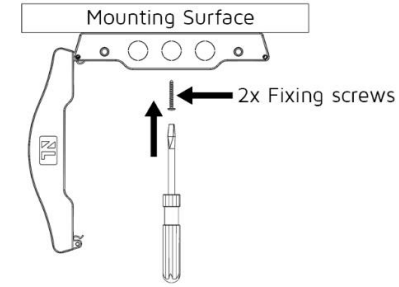


Replaceable (LED only) light source by a professional

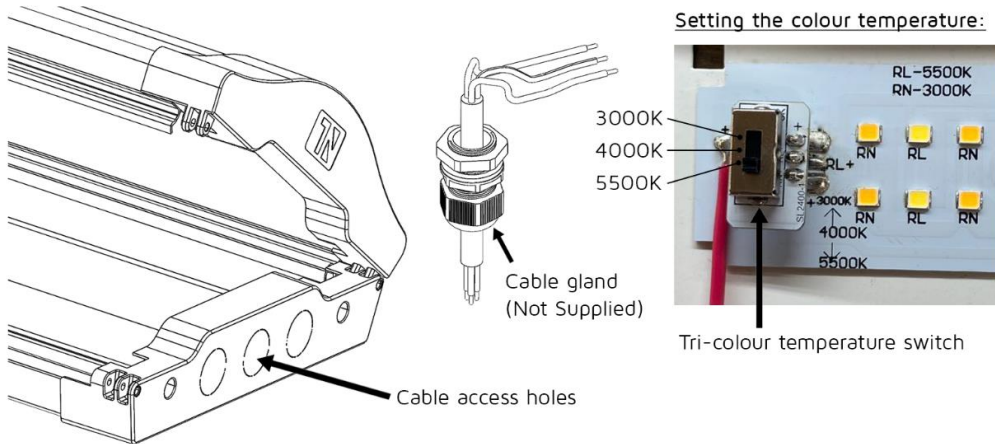
Step 1: Carefully remove the fitting from the packaging. Using a flat screwdriver, rotate the retention clip into the open position to release the diffuser.



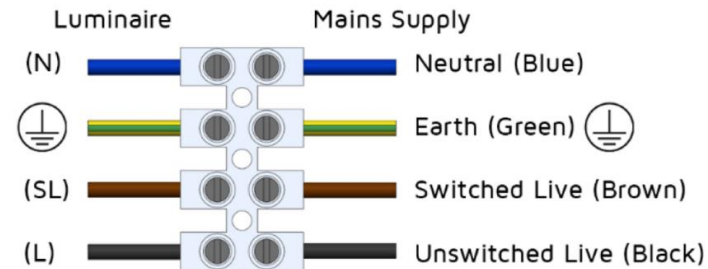
Step 2: Select the mounting points most suitable for the surface. Mount the fitting onto the mounting surface.



Step 3: For side cable entry, drill out the 20mm cable gland position, then secure the cable with a Cable Gland. For rear cable entry, select one of the three pre-cut cable access holes. Select the colour temperature on the Tri-colour switch.

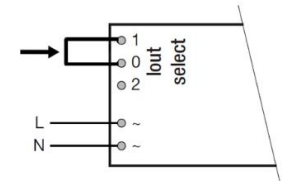


Step 4a: Connect the input wires according to wiring diagram below.



Setting the wattage:

As standard, the Tridonic driver is set to 38W. To operate the Tridonic driver at 50W, remove the 1-0 link wire.



Step 4b: Dimmable & Dimmable Emergency wiring.



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

Ensure that the Emergency Test Record is completed.

NET LED LIGHTING

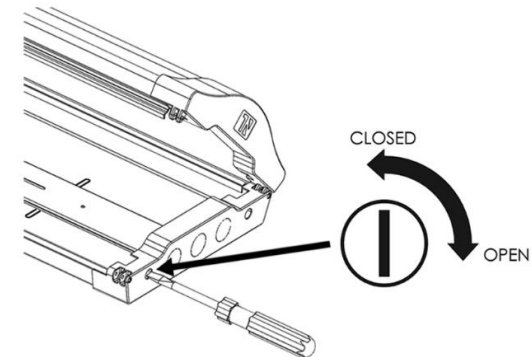
Part Number: _____ Installation Date: _____
 Luminaire Ref/Location: _____ In case of difficulty, contact the Installation Engineers: Tel: _____

Full Recharge Time 24 Hours: _____ Duration 3 Hours: _____ Lamp Type - LED: _____

Monthly Test	Year 1		Year 2		Year 3		Year 4		Year 5	
	Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
Functional										
Functional										
Functional										
Functional										
One Hour										
Functional										
Functional										
Functional										
Three Hour										

Example of Emergency Test Report

Step 5: Select the colour temperature on the switch. Close the diffuser, then using a flat screwdriver, rotate the retention clip into the closed position to lock the diffuser.



SELF TEST EMERGENCY INSPECTION GUIDE

About:

Initial Test

Connect LED load, emergency module, battery and LED driver, then connect mains supply, this emergency conversion module will automatically start to do an initial test. If the components are not functioning correctly, the LED indicator will flash RED. If everything is correct, then it will go into charge mode.

Functional Test

Functional tests are carried out for 10 seconds automatically every 30 calendar days.

Duration Test

Emergency conversion module will automatically make a full duration test every 180 calendar days to check capacity of battery.







Note

If the mains supply is off during the self-test period, emergency conversion module would terminate self-test immediately and go into emergency mode.

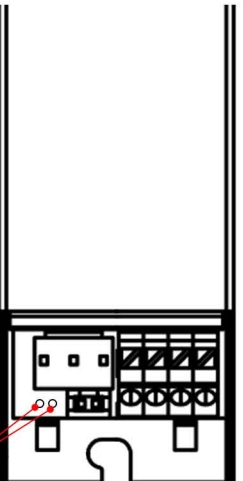
Timer reset functionality

The timer for function and duration test can be set to a particular time of the day by cycling the un-switched line supply 3 times within 1 minute.

LED STATUS INDICATOR

Colour	LED indication	Status	Comment
	Green Slow flashing green (3sec on, 1sec off)	Charging mode	
	Green Permanent green	Fully Charged & Operational	
	Green Fast flashing green (0.1sec on, 0.1sec off)	Function test underway	
	Green Slow flashing green (1sec on, 1sec off)	Duration test underway	
	Red Permanent red	Load failure	Open circuit / Short circuit / LED failure
	Red Slow flashing red (1 sec on, 1 sec off)	Battery failure	Battery failed the duration test or function test / No battery

Reset instructions:



Reset points

If faulty status is triggered, the LED indicator will flash RED. To reset the emergency kit, touch the two reset points for 5-10seconds with a piece of wire, or a short-circuit needle.

