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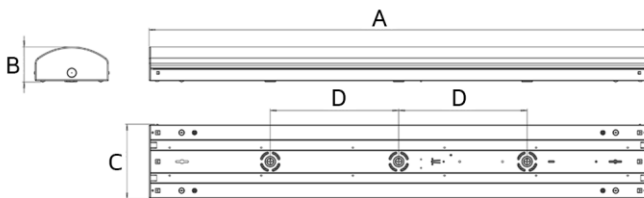
> Before installing a Trinity LED Linear or doing any maintenance, ensure power supply is turned off at the circuit breaker or fuse box.

> 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

A	B	C	D
1165	79	170	300
1500	79	170	300
1800	79	170	300

All units in mm

Important Warranty Information

The Trinity LED Linear 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

ENAB**LED**

bsi. ISO 9001 Quality Management
Certificate No. FS 590684

bsi. ISO 14001 Environmental Management
Certificate No. EMS 590685

Distributed by

NET LED® LIGHTING

TRINITY LINEAR INSTALLATION GUIDE

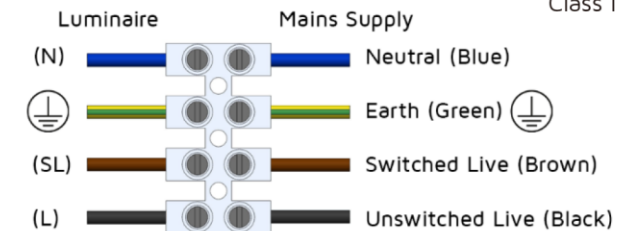| Part Number	Description
NET-41-11-30	4ft Standard 23W/32W
NET-41-11-32	4ft Emergency 23W/32W
NET-41-11-34	4ft Dimmable 32W
NET-41-11-36	4ft Dim Emg 32W
NET-41-11-40	5ft Standard 34W/50W
NET-41-11-42	5ft Emergency 34W/50W
NET-41-11-44	5ft Dimmable 50W
NET-41-11-46	5ft Dim Emg 50W
NET-41-11-50	6ft Standard 41W/60W
NET-41-11-52	6ft Emergency 41W/60W
NET-41-11-54	6ft Dimmable 60W
NET-41-11-56	6ft Dim Emg 60W

SUPPLY/EARTH CLASS

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

Class I

Luminaire		Mains Supply
(N)		Neutral (Blue)
		Earth (Green)
(SL)		Switched Live (Brown)
(L)		Unswitched Live (Black)

UKCA   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 this leaflet for future reference.
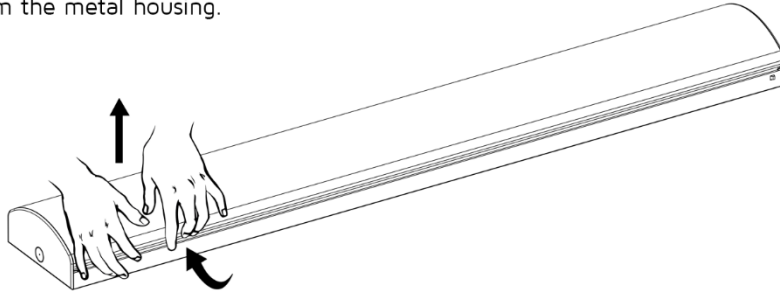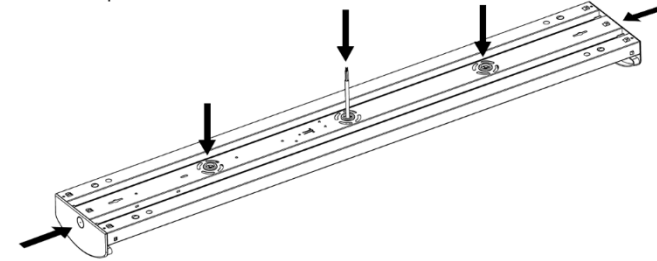
Replaceable (LED only)light source by a professional
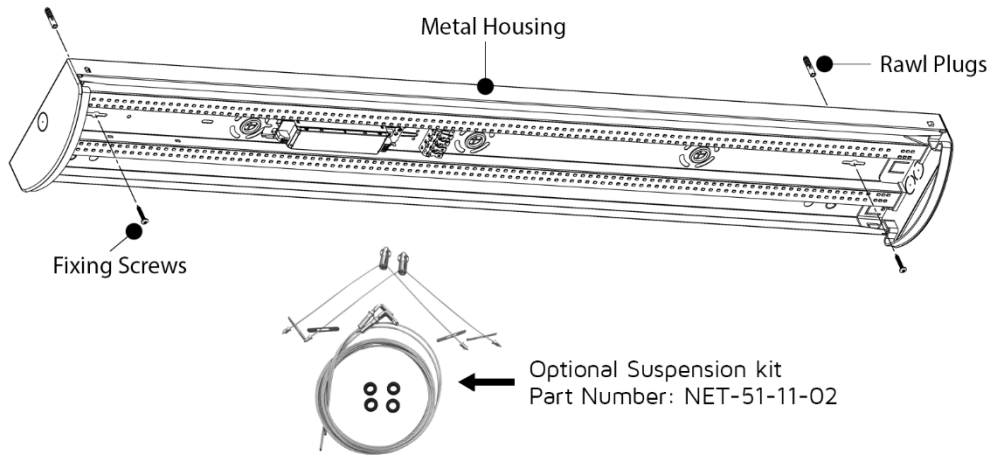
Replaceable control gear by professional

Step 1: Carefully remove the Linear from the packaging. Press the diffuser (close to the end cap) to release it from the metal housing.
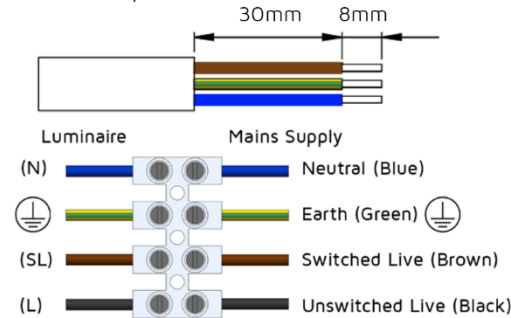
Step 2: Select a cable entry point that best suits the application. For side cable entry, drill out the 20mm cable gland position, then secure the cable with a Cable Gland. For rear cable entry, select one of the three pre-cut cable access holes.
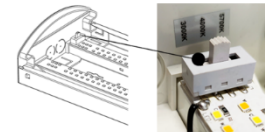
Step 3: Attach the Linear to the ceiling by means of the surface mount holes on the Metal Housing and the included fixing screws. A suspension kit is available if required.

Metal Housing

Rawl Plugs

Fixing Screws

Optional Suspension kit
Part Number: NET-51-11-02

Step 4: Connect the input wires according to the wiring diagram below. Then select the desired LED colour temperature.

30mm   8mm

Luminaire   Mains Supply

(N)   Neutral (Blue)

⏚   Earth (Green) ⏚

(SL)   Switched Live (Brown)

(L)   Unswitched Live (Black)

Tri-colour temperature switch:

Dual Wattage LED Driver Dip Switch Settings:
4ft Trinity Surface Linear
Driver: LC 38W/400-700mA flex C lp SNC4

| ON / 1 2 | 23W/500mA = | Switch 1 = On / Switch 2 = Off |

| ON / 1 2 | 32W/700mA = | Switch 1 = On / Switch 2 = On |

5ft Trinity Surface Linear
Driver: LC 57W/70-1050mA flex C lp SNC4

| ON / 1 2 | 34W/700mA = | Switch 1 = Off / Switch 2 = Off |

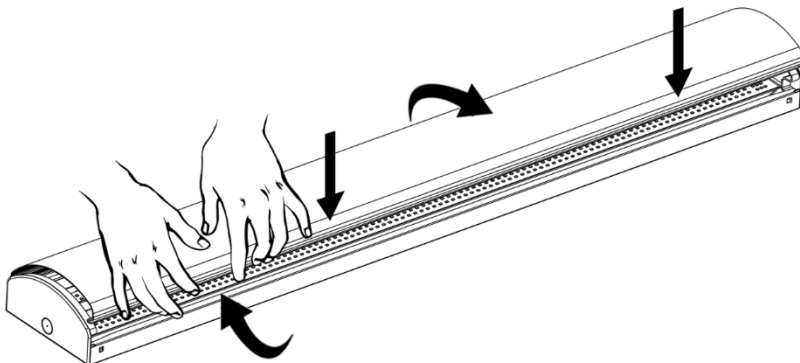| ON / 1 2 | 50W/1050mA = | Switch 1 = On / Switch 2 = On |

6ft Trinity Surface Linear
Driver: LC 57W/70-1050mA flex C lp SNC4

| ON / 1 2 | 41W/700mA = | Switch 1 = Off / Switch 2 = Off |

| ON / 1 2 | 60W/1050mA = | Switch 1 = On / Switch 2 = On |

Step 5: Refit the Diffuser cover by inserting one long edge into the endcap channels, then insert the opposite edge. The Diffuser needs to be pressed inwards to engage the securing channel.

Step 6: Dimmable & Dimmable Emergency wiring.

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

ROUTINE TEST RECORD

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										
Functional										
One Hour										
Functional										
Functional										
Functional										
Functional										
Functional										
Three Hour										

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

Example of Emergency Test Report

NET LED LIGHTING

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 calender days.

Duration Test
Emergency conversion module will automatically make a full duratioin test every 180 calender 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.
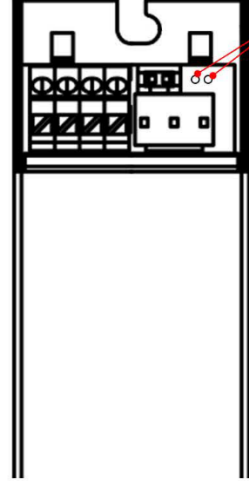
Timer reset functionality
The timer for function and duration test can be set to a particular time of the day by cycling the un-switched line supply 3 times within 1 minute.

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 cicuit / 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.

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

ROUTINE TEST RECORD

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										
Functional										
One Hour										
Functional										
Functional										
Functional										
Functional										
Functional										
Three Hour										