

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 a LED NCF Luminaire 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 or fuse.

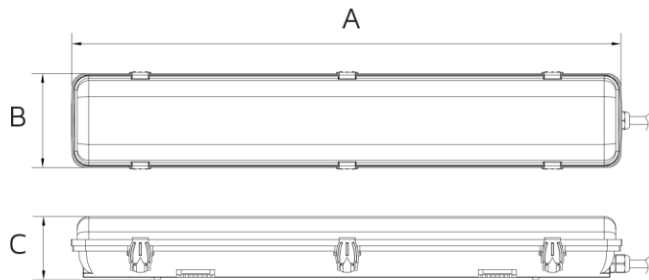
Environment

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

Non-replaceable light source

>The light source of this luminaire is not replaceable. When the light source reaches its end of life the whole luminaire shall be replaced.

PRODUCT DIMENSIONS



Size	A	B	C
2ft	600	130	85
4ft	1200	130	85
5ft	1500	130	85
6ft	1800	130	85

Important Warranty Information

The LED NCF Luminaire 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/5-year-extended-warranty

Distributed by



LED NCF LUMINAIRE INSTALLATION GUIDE

LED NCF LUMINAIRE NET-43-11-XX

KEY DATA

Light Source	LED						
	2ft	4ft	5ft	5ft		6ft	
Length(ft)							
Length(mm)	600mm	1200mm	1500mm		1800mm		
Power	20W	32W	40W	41W	50W	57W	65W
Luminous Flux	2900lm	4185lm	5160lm	5760lm	6790lm	8050lm	9070lm
Luminous Efficacy	135lm/W	132lm/W	129lm/W	141lm/W	139lm/W	140lm/W	138lm/W
Colour Temperature	5500K						
Colour Rendering	>80 CRI						
Housing Material	Polycarbonate						
Diffuser Material	Polycarbonate						
IP Rating	IP65						
Manufacturer	Sochii Lighting						

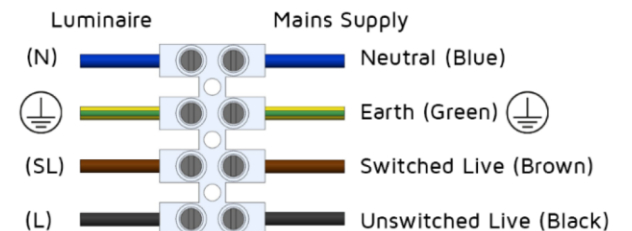
SUPPLY/EARTH CLASS

220-240V AC 50/60 Hz

Fig.1 Mains Input Termination



Class I



(L) Additional terminal if required for Emergency Kit.



Installation procedure: Carefully read the installation instructions and ensure the mains supply is isolated before installation. Please read the safety information overleaf before carrying out any installation. Please retain the leaflet for future reference.

LED NCF Luminaire Installation:

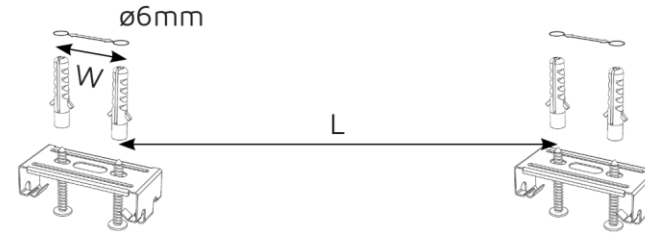
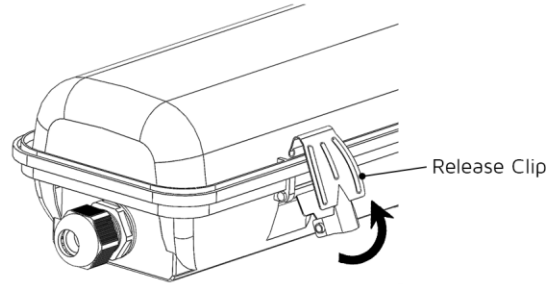


Replaceable light source by end-user



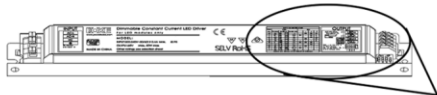
Replaceable control gear by professional

Step 1: Carefully remove the fitting from the packaging. Release the stainless steel clips to remove the diffuser. Access the accessories bag inside the housing.



Range	W	L
2ft	27mm	362mm
4ft	27mm	840mm
5ft	27mm	892mm
6ft	27mm	962.5mm

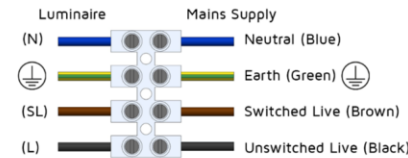
Step 3: Use the driver dip switches to select the required wattage according to the table below. For dual wattage models only (4ft/5ft/6ft). If not installing a dual wattage model, skip to **Step 4**.



		Dip Switch			
		1	2	3	4
NET-43-11-10	32W	OFF	OFF	OFF	OFF
	40W	ON	ON	ON	ON
NET-43-11-05	41W	OFF	OFF	OFF	OFF
	50W	ON	ON	ON	ON
NET-43-11-11	57W	OFF	OFF	OFF	OFF
	65W	ON	ON	ON	ON

Step 4: Wire the mains supply through the cable gland to the terminal block inside the housing

Standard NCF wiring diagram



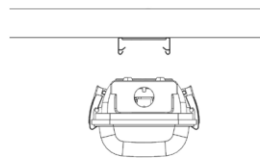
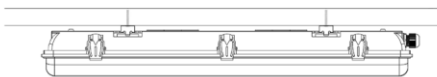
(L) Additional terminal if required for Emergency Kit.

Dimmable / Dimmable Emergency

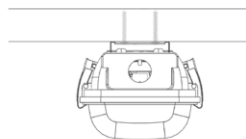


For Dimmable and Dimmable Emergency, please refer to the above QR Code for driver wiring instructions.

Step 5: Refit the diffuser and lock the stainless steel clips. Align the luminaire with the mounting clips and push it into place. Turn on mains supply to test luminaire is working properly.



View A (metal clip and the luminaire body aligned)



View B (luminaire fixed in place)

Step 6: If you purchased an Emergency variant, ensure that the Emergency Test Record is completed when required.



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										
One Hour										
Functional										
Functional										
Functional										
Functional										
Functional										
Three Hour										

Emergency Test Record example.

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.

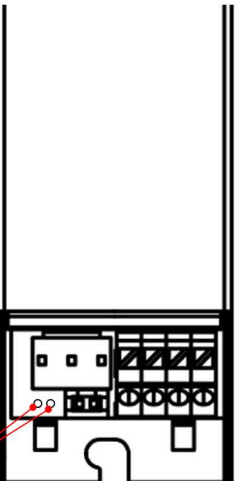
Timer reset functionality

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.

