

### 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.

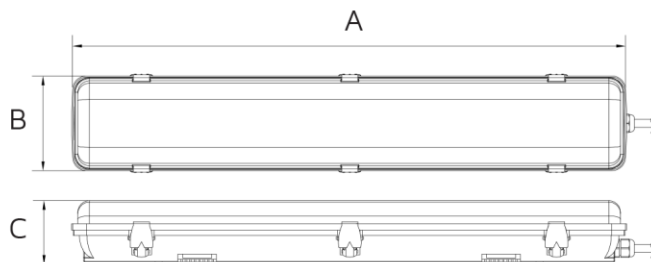
> This product is designed for permanent connection to fixed wiring; the circuit should be protected with the appropriate MCB or fuse.

### Environment

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



### PRODUCT DIMENSIONS



Size	A	B	C
2ft	600	100	85
4ft	1200	100	85
5ft	1500	100	85
6ft	1800	100	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 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 NCF LUMINAIRE INSTALLATION GUIDE

Part Number	Description
NET-41-11-01	Tri-colour 2ft 14/20W - Standard
NET-41-12-01	Tri-colour 2ft 14/20W - Emergency
NET-41-11-19	Tri-colour 2ft 14/20W - Microwave Step Dimm
NET-41-11-03	Tri-colour 4ft 24/40W - Standard
NET-41-12-03	Tri-colour 4ft 24/40W - Emergency
NET-41-12-04	Tri-colour 4ft 24/40W - Self Test EMG
NET-41-11-20	Tri-colour 4ft 40W - Dimmable
NET-41-12-09	Tri-colour 4ft 40W - Dimmable EMG
NET-41-11-05	Tri-colour 5ft 48/60W - Standard
NET-41-12-05	Tri-colour 5ft 48/60W - Emergency
NET-41-12-06	Tri-colour 5ft 48/60W - Self Test EMG
NET-41-11-12	Tri-colour 5ft 60W - Dimmable
NET-41-12-12	Tri-colour 5ft 60W - Dimmable EMG
NET-41-11-66	Tri-colour 5ft 35/60W - Microwave STEP DIM
NET-41-11-11	Tri-colour 6ft 62/80W - Standard
NET-41-12-11	Tri-colour 6ft 62/80W - Emergency
NET-41-12-13	Tri-colour 6ft 62/80W - Self Test EMG
NET-41-11-21	Tri-colour 6ft 75W - Dimmable
NET-41-12-15	Tri-colour 6ft 75W - Dimmable EMG

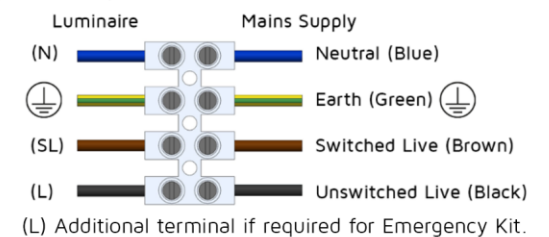
### SUPPLY/EARTH CLASS

220-240V AC 50/60 Hz



Class I

Fig.1 Mains Input Termination



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:

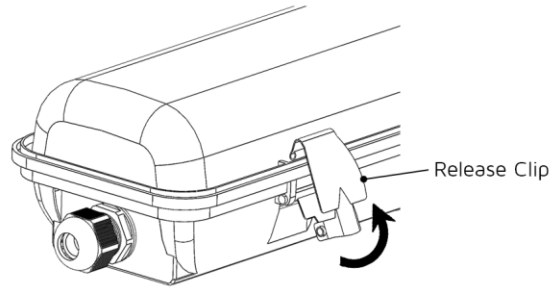


Replaceable light source by end-user

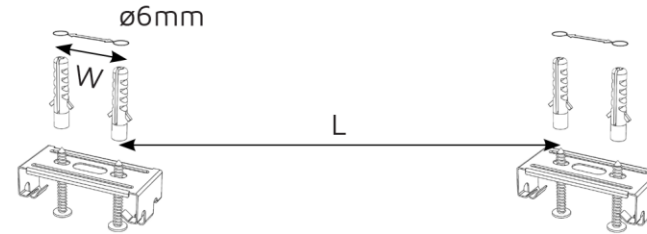


Replaceable control gear by professional

**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.

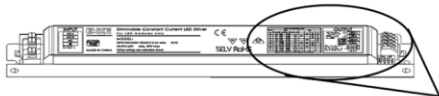


**Step 2:** Fix the supplied metal clips on a mounting surface as per the illustration below.



Range	W	L
2ft	27mm	260mm
4ft	27mm	800mm
5ft	27mm	975mm
6ft	27mm	1280mm

**Step 3:** Use the driver dip switches to select the required wattage according to the table below.

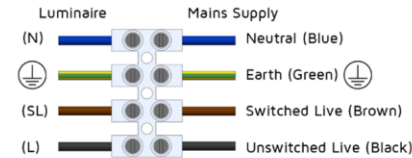


NET-41-11-66 (5FT)	35W	ON	ON
	60W	OFF	OFF

		Dip Switch			
		1	2	3	4
NET-41-11-01 (2FT)	14W	OFF	ON	ON	ON
	20W	OFF	ON	OFF	ON
NET-41-11-03 (4FT)	24W	ON	OFF	ON	ON
	40W	OFF	OFF	OFF	OFF
NET-41-11-05 (5FT)	48W	ON	OFF	ON	ON
	60W	OFF	ON	OFF	OFF
NET-41-11-11 (6FT)	62W	ON	OFF	ON	ON
	80W	OFF	OFF	OFF	OFF

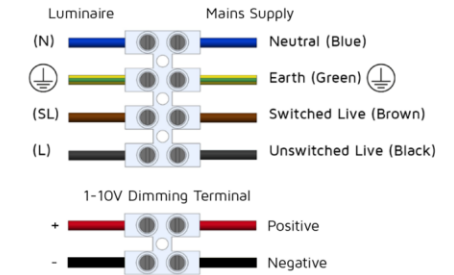
**Step 4:** Wire the mains supply through the cable gland to the terminal block inside the housing

**Standard NCF wiring diagram**



(L) Additional terminal if required for Emergency Kit.

**Dimmable NCF wiring diagram**



**Step 5:** Adjust the sensor dip switches to suit the application (if applicable).

**Sensor dip switch settings:**

Detection Area:		1	
		I	ON
II	-	50%	

Hold Time:		2		3	
		I	ON	ON	-
II	ON	-	-	5min	
III	-	ON	-	10min	
IV	-	-	-	30min	

Daylight Sensor:		4		5		Daylight Sensor	
		I	ON	ON	30Lux	100Lux	ON/OFF
II	ON	-	50Lux	150Lux			
III	-	ON	100Lux	200Lux			
IV	-	-	Disable	Disable			

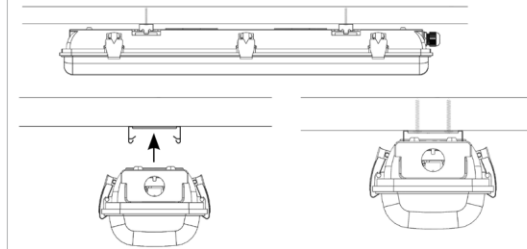
**Stand-by period:**

		6		7	
		I	ON	ON	-
II	ON	-	-	3min	
III	-	ON	-	10min	
IV	-	-	-	*∞	

**Stand-by Dim level:**

		8	
		I	ON
II	-	-	10%

**Step 6:** 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 7:** 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									
		Year 1		Year 2		Year 3		Year 4		Year 5	
Monthly Test	Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date	
Functional											
Functional											
Functional											
Functional											
One Hour											
Functional											
Functional											
Functional											
Functional											
Three Hour											

Emergency Test Record example.