

# TIME LED®



# GEN2

## NCF BATTEN

## USER INSTRUCTIONS

**325991 5FT 30W / 326004 5FT 60W**

**326011 6FT 40W / 326028 6FT 80W**



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**Please read these instructions and retain them for future reference.**

### **Important information**

It is recommended that the fittings are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations and local building control.

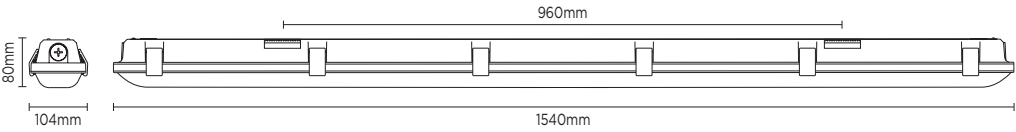
- These products are designed for connection to a 220-240V mains supply
- We cannot accept responsibility for any claims arising from incorrect installation

### **Important user advice**

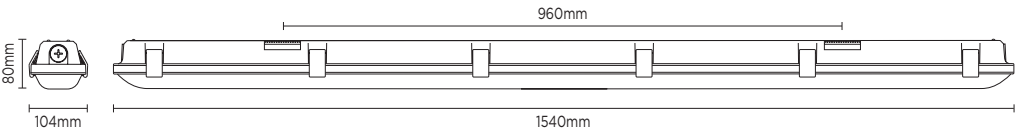
- Always isolate mains supply before installation
- The fitting is suitable for indoor and outdoor use
- The installation must not infringe on water pipes or any other electrical services
- The light fitting is Class I and requires an earth connection

# Dimensions

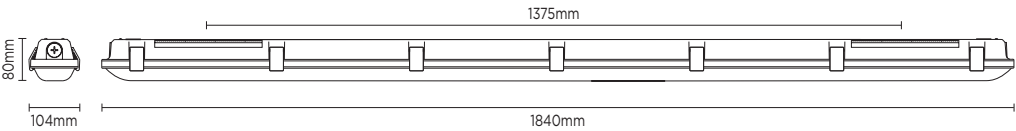
## 325991 5ft 30W



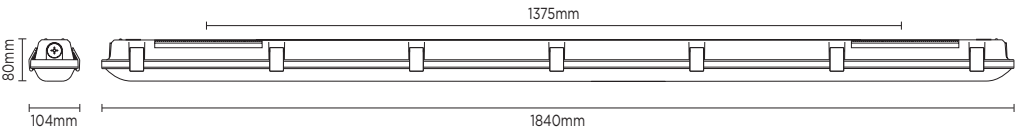
## 326004 5ft 60W



## 326011 6ft 40W



## 326028 6ft 80W



# Technical Specifications

Product Code	<b>325991</b>	<b>326004</b>	<b>326011</b>	<b>326028</b>
Wattage	30W / 26W 23W / 16W	60W / 52W 43W / 34W	40W / 34W 28W / 22W	80W / 70W 60W / 50W
Lumens per Watt	150 lm/W	150 lm/W	150 lm/W	150 lm/W
Lumens	4,500 lm / 3,900 lm 3,450 lm / 2,400 lm	9,000 lm / 7,800 lm 6,450 lm / 5,100 lm	6,000 lm / 5,100 lm 4,200 lm / 3,300 lm	12,000 lm / 10,500 lm 8,100 lm / 7,500 lm
LED	SMD	SMD	SMD	SMD
Lifespan	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Beam Angle	120°	120°	120°	120°
CCT	3000K / 4000K / 6500K			
Dimmable	No	No	No	No
Warranty	5 years	5 years	5 years	5 years
Energy Rating	D	D	D	D
IP Rating	IP66	IP66	IP66	IP66
Material	PC Body + PC Cover			
Driver Included	Yes	Yes	Yes	Yes
Current	0.136A / 0.116A 0.102A / 0.074A	0.283A / 0.245A 0.203A / 0.175A	0.181A / 0.151A 0.125A / 0.097A	0.353A / 0.305A 0.260A / 0.22A
Hertz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Ra	>80	>80	>80	>80
Voltage	220-240 V	220-240 V	220-240 V	220-240 V
Weight	2kg	2kg	2.5kg	2.5kg
Energy Consumption	30 KW/h / 26 KW/h 23 KW/h / 16 KW/h	60 KW/h / 52 KW/h 43 KW/h / 34 KW/h	40 KW/h / 34 KW/h 28 KW/h / 22 KW/h	80 KW/h / 70 KW/h 60 KW/h / 50 KW/h
Power Factor	>0.9	>0.9	>0.9	>0.9
Input Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Operating Temp.	-20°C to +40°C			
Storage Temp.	-20°C to +80°C			
Safety Class	Class I	Class I	Class I	Class I
Installation	Surface Mounting / Hanging			
Body Colour	White			
Certificates	UKCA / CE / EMC / RoHS			
Emergency Kit	Plug & Play Emergency Kit available (326042)			
Microwave Sensor	Plug & Play Microwave Sensor available (326035)			

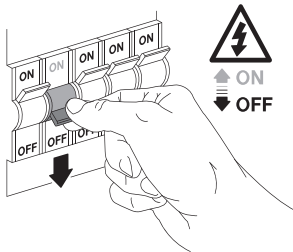


**IP66**

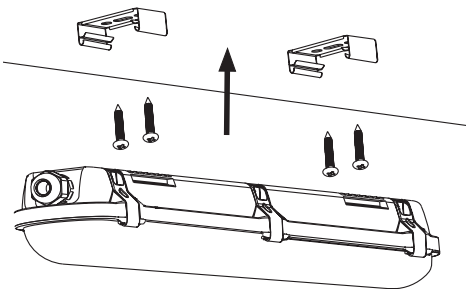
# Installation

**⚠ Warning! Switch off the power source before installation and maintenance**

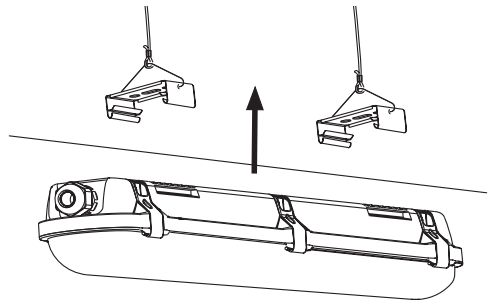
1. Identify the location and direction of any hidden supply cables or service pipes before drilling fixing holes.
2. Prepare the ceiling/mounting points ensuring the fixing surface/mechanism is sufficient to support the luminaire weight and its application.
3. Fix the base. The base is able to be fixed via the following methods:
  - a. Surface fixing (using mounting clips supplied):** Mount the two stainless steel surface mount fixing clips provided (in accessory pack) to the ceiling at the specified fixing centres. Close the light fitting and mount it onto the metal clips ensuring that it is secured into place.
  - b. Surface fixing (without mounting clips):** Drill through the PC base and fix the fitting directly to the mounting surface. Compatible with BESA conduit boxes. Only use the pre-moulded strengthened fixing points and drill with care observing the reinforced wall around the hole.
  - c. Chain or Wire suspension (not included):** Mount the two stainless steel surface mount fixing clips to the base. Then add the hooks (included in accessory pack) to each of the surface mount clips. This will provide connection points for chain or wire suspension (not included).



Switch off power



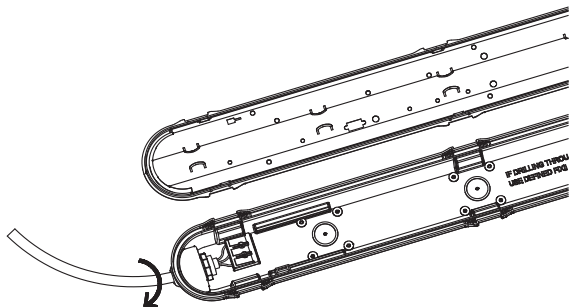
Surface Mounting using clips



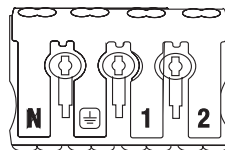
Suspension Mounting  
(chain or wire not included)

4. Open the fitting by unclipping the steel fastening clips. The diffuser and geartray are hinged for easy installation and wiring.
5. Provide mains supply cable and choose the best entry position on the base. Drill points are provided at various points (base & ends). Ensure the IP66 rating is maintained. An IP66 cable gland is provided in the luminaire accessory pack.
6. Wire the mains input to the terminal block of the light fitting, ensuring correct polarity is observed.

**NOTE! THIS LUMINAIRE MUST BE EARTHED.**



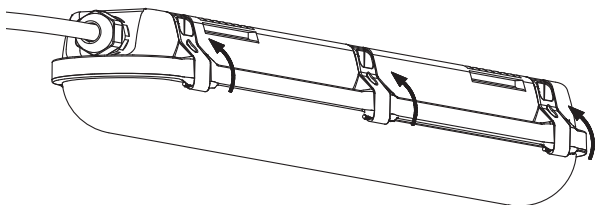
Route mains supply cable into the base and wire it to the terminal block of the light fitting



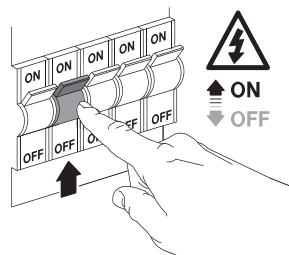
N (Neutral)	- Blue
⊕ (Earth)	- Green/Yellow
1 (Switched supply)	- Brown
2 (Permanent live)	- Black

Wiring into terminal block of the light fitting

7. Close the fitting and secure the steel fastening clips.
8. Power up the fitting to check that it functions correctly.



Close the fitting and secure the steel fastening clips



Switch the power back on

# Power and CCT Adjustment

The GEN2 range of NCF products feature adjustable colour temperature and adjustable power.

The product should be switched off prior to any adjustments being made, if in doubt consult a qualified electrician.

The adjustments are made using two DIP/miniature switches located on the internal driver. These adjustments are easily made by adjusting the selection to the corresponding table below.

## Power Adjustment

### 325991 SW1

1	2	POWER
ON	ON	30W
OFF	ON	26W
ON	OFF	23W
OFF	OFF	16W

### 326004 SW1

1	2	POWER
ON	ON	60W
OFF	ON	52W
ON	OFF	43W
OFF	OFF	34W

### 326011 SW1

1	2	POWER
ON	ON	40W
OFF	ON	34W
ON	OFF	28W
OFF	OFF	22W

### 326028 SW1

1	2	POWER
ON	ON	80W
OFF	ON	70W
ON	OFF	60W
OFF	OFF	50W

## CCT Adjustment

### 325991 SW2

1	2	CCT
ON	ON	NW 4000K
ON	OFF	CW 6500K
OFF	ON	WW 3000K

### 326004 SW2

1	2	CCT
ON	ON	NW 4000K
ON	OFF	CW 6500K
OFF	ON	WW 3000K

### 326011 SW2

1	2	CCT
ON	ON	NW 4000K
ON	OFF	CW 6500K
OFF	ON	WW 3000K

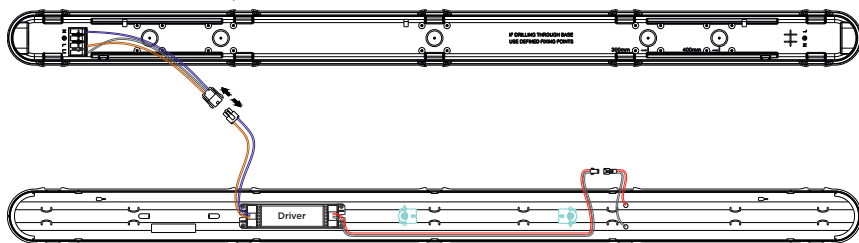
### 326028 SW2

1	2	CCT
ON	ON	NW 4000K
ON	OFF	CW 6500K
OFF	ON	WW 3000K

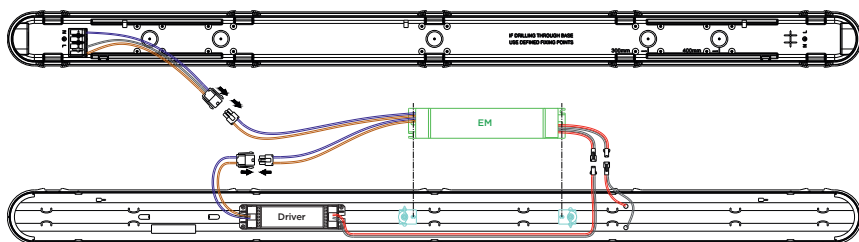
# Emergency Kit & Microwave Sensor Plug & Play Installation

**Product must be switched off/isolated during any accessory upgrade.**

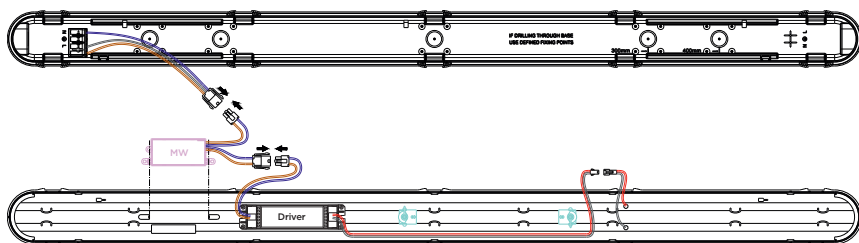
1. Disconnect the driver from the power wires



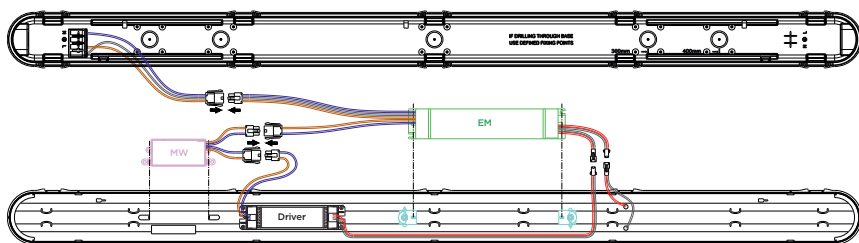
2a. Emergency Kit (326042) only: Connect the wires as per the diagram below



2b. Microwave Sensor (326035) only: Connect the wires as per the diagram below



2c. Emergency Kit (326042) + Microwave Sensor (326035): Connect the wires as per the diagram below



For more information about the Emergency Kit and Microwave Sensor add-ons (sold separately), check the Emergency Kit and Microwave Sensor instructions. All upgrades should only be carried out by a competent person. If in doubt, consult a qualified electrician.

## Maintenance

Cleaning should be carried out at regular intervals so as not to impair the photometric performance or thermal safety of the luminaire.

# **TIME LED<sup>®</sup>**

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