



READ THESE INSTRUCTIONS THOROUGHLY BEFORE INSTALLATION KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.

IMPORTANT:

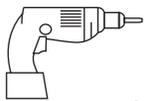
This product must be installed by a qualified electrician or competent person, and in accordance with current building and IET wiring regulations.

BOX CONTENTS

This lighting fixture has been properly packed to avoid damage during transit. Before commencing with the installation carefully inspect the luminaire to confirm there is no damage. **DO NOT INSTALL** if any damage has occurred to the fixture or any of its components.

- Light Fitting
- Instruction Manual
- Fixing Kit
- Cable Gland

TOOLS REQUIRED



- Drill

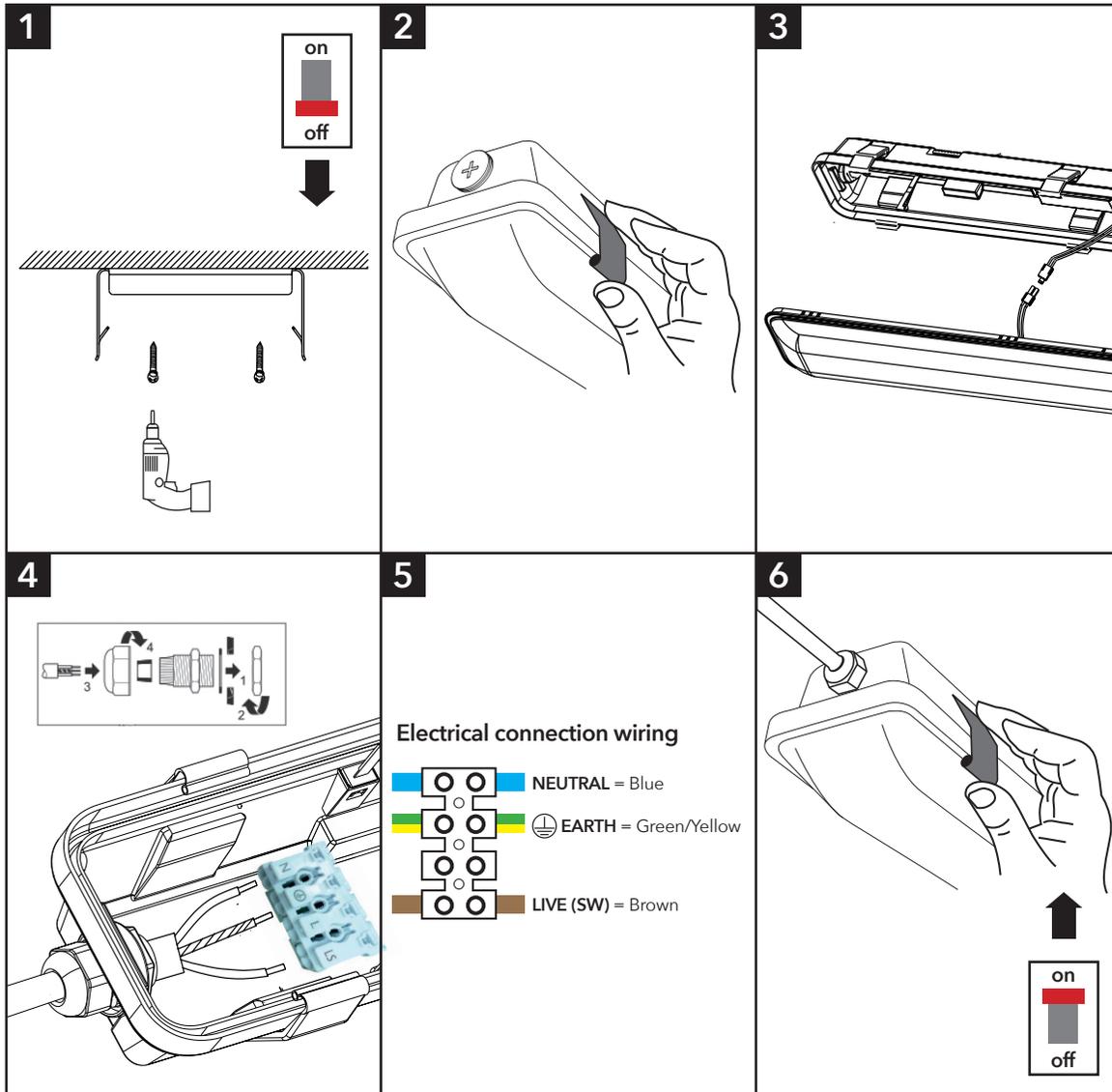


- Screwdriver



- Cable

INSTALLATION INSTRUCTIONS



PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION.



WARNING: Risk of electric shock! Isolate the mains power before proceeding.

- Turn off the mains power before performing inspections, installation, or removal
- Verify that the supply voltage is correct by comparing it with the luminaire label information
- It is the installers responsibility to ensure installation is suitable for the total load of the luminaire(s). The supply cable, fuses/circuit breakers must be correctly rated for the electrical load and considering for any transient inrush currents that may occur
- Do not perform insulation strength or resistance tests on installed luminaire(s) connected

1. Route the correct 3-core or 4-core cable type according to the location of the light fitting, i.e. outdoor location requires H05RN-F (1.0mm²) rubber cable
2. Secure the mounting brackets into position using suitable wall fixings and screws according to the size (LF) of the light fitting (1) and mount the lights to the brackets
3. Release the light fitting locking clips to release the LED gear tray (2 & 3)
4. Fit cable gland (supplied) (4)
5. Thread the cable through the gland and connect as shown to the terminal block depending on fixture type (4 & 5) and tighten the cable gland, refit the geartray and diffuser on completion (6)
6. Switch the mains power on and check the luminaire illuminates or proceed to microwave and emergency unit settings

DISPOSAL

Disassembly instructions for end of life disposal available on website.

Disposal of Electronic Equipment WEEE Directive 2002/96/EC This product falls within the scope of the Waste Electrical & Electronic Equipment Directive (WEEE), which means the product should not be disposed of as normal household waste. Please recycle where facilities exist or check with your Local Authority. RoHS - All components and materials used in this product are RoHS 2002/95/EC compliant.

Specifications may change from time to time. The information contained in this leaflet is for guidance only and should not be considered as always accurate and should be treated as not representative.

WARRANTY

This luminaire is warranted for a period of 5 years from the date of purchase**. The backup battery pack in the emergency version is warranted for a period of 24 months. The warranty could be invalidated should the light fitting not be installed according to these instructions, outside the scope of the specification or the product has been altered or tampered with in any way. Please see website for terms and conditions.

PRODUCT TEMP SPECIFICATION

Standard -20 to +40°C
Emergency 0 to +30°C

Revision 1.0 - AUGUST 2022

DIP SWITCH SETTINGS

Detection Area:

This determines the effective range of the motion. Note that reducing the sensitivity will also narrow the detection area.

Hold Time Duration:

This determines the time the fitting remains at 100% illumination following motion detection.

Daylight Setting:

This setting turns the light off should there be sufficient daylight.

STANDARD ON/OFF MICROWAVE SENSOR

DAYLIGHT				HOLD TIME				DETECTION AREA					
	1	2	3	2Lux		4	5	6	5S		7	8	
I	ON	ON	ON	2Lux	I	ON	ON	ON	5S	I	ON	ON	100%
II	-	ON	ON	10Lux	II	ON	ON	-	30S	II	ON	-	75%
III	-	ON	-	30Lux	III	ON	-	ON	90S	III	-	ON	50%
IV	-	-	ON	50Lux	IV	ON	-	-	5Min	IV	-	-	25%
V	-	-	-	Disable	V	-	ON	ON	20Min				
					VI	-	-	-	30Min				

Installation Engineers Contact Details:		Luminaire Reference / Location	
Name:		Tel:	

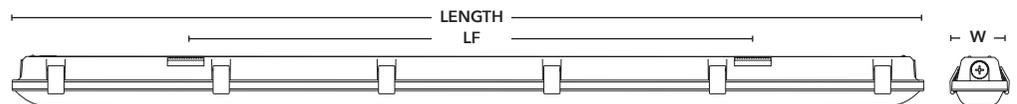
Luminaire Details:	Full Recharge Duration 24 Hours	Emergency Duration 3 Hours	Lamp Type LED
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ROUTINE TEST RECORD

Type Test	Year 1		Year 2		Year 3		Year 4		Year 5	
	Signed	Date								
Functional 1										
Functional 2										
Functional 3										
Functional 4										
Functional 5										
Functional 6										
Functional 7										
Functional 8										
Functional 9										
Functional 10										
Functional 11										
3hr Duration 12										

TYPHOON ANTI-CORROSIVE DIMENSIONS

Part No.	Desc.	Watts	L (mm)	W (mm)	H (mm)	LF (mm)	Weight	Part No.	Desc.	Watts	L (mm)	W (mm)	H (mm)	LF (mm)	Weight
430591	4ft Single	19W	1240	100	84	800	1.25Kg	430592	4ft Twin	30W	1240	100	84	800	1.25Kg
430593	5ft Single	20W	1540	100	84	980	1.5Kg	430594	5ft Twin	43W	1540	100	84	980	1.5Kg
430595	6ft Single	30W	1840	100	84	1280	2.0Kg	430596	6ft Twin	50W	1840	100	84	1280	2.0Kg



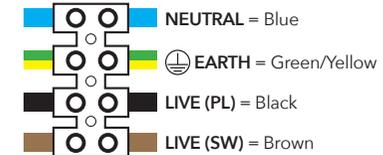
** Please see our website for more detailed information on warranty.

Wiring instructions for units equipped an with EMERGENCY function

Emergency lighting luminaries must be installed and maintained in accordance with the emergency lighting standard BS 5266-1

1. Connect incoming earth cable to 'Earth' terminal on connector block.
 2. Connect incoming neutral cable to 'Neutral' terminal on connector block.
 3. For the emergency unit to work correctly, please ensure that an uninterrupted permanent live feed is present and is connected directly to the 'Permanent Live' terminal of the mains terminal block. Please ensure there are no switches, PIRs etc within the permanent live feed, constant switching of the emergency pack could result in premature battery failure.
 4. Connect incoming switched live cable to the terminal marked "Switched Live"
- NOTE: If there is no switch live feed and the unit has a microwave sensor, simply bridge across from the "Permanent Live" to the Switch Live" on the mains terminal block.**
5. There should be a loose flying lead connected to the battery. This needs to be attached to the flying lead from the emergency control unit.
 6. Following power up the green LED indicator should illuminate to indicate charging. If power to the unit is disrupted or isolated, the unit indicating green LED will switch off, triggering the emergency LEDs to illuminate.
 7. Please allow 24 hours charge before first emergency test.

EMERGENCY FITTINGS ONLY. EARTH CONNECTION REQUIRED.



Self-Test EMERGENCY function

The 5 second long, each 7 days' function test serves to check the functionality of the emergency unit, the batteries and LED module.

Status	Description
	Standby, System OK Mains Operation, battery is charged
	Function test underway Function test underway
	Duration test underway Duration test underway
	Lamp failure Open Circuit or Short Circuit or LED failure
	Battery capacity failure Battery failed duration test
	Battery fault Incorrect battery voltage or Short Circuit or Open Circuit
	Battery Operation Emergency mode: Mains disconnected or Mains failure

This product contains a light source of energy efficiency Class C.

Technical Helpline: +44 (0)1507 328031