

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

IMPORTANT:

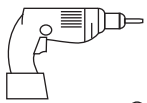
This product must be installed by a qualified electrician or competent person, and in accordance with current building and IET wiring regulations.

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
- Brackets
- Cable Gland

TOOLS REQUIRED



- Drill



- Screwdriver



- Cable

INSTALLATION INSTRUCTIONS

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Electrical connection wiring

	NEUTRAL = Blue	
	EARTH = Green/Yellow	
	LIVE (SW) = Brown	

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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) waterproof cable
2. Secure the mounting brackets into position using suitable wall fixings and screws according to the size (LF) of the light fitting (1)
3. Release the light fitting locking clips to remove the diffuser (2) and release the LED gear tray using the twist-clips, set aside (3)
4. Fit cable gland (supplied)
5. Thread the cable through the gland and connect to gear tray terminal as shown depending on fixture type (4) and tighten the cable gland, refit the gear tray 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

The light source of this unit is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

Disassemble 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 +25°C

MICROWAVE SENSOR SETTINGS

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

Hold Time Duration: This determines the time the fitting remains at 100% illumination following motion detection.

Daylight Setting: This setting holds off the 100% light output should there be sufficient daylight.

STANDARD ON/OFF SENSOR

Detection Area			HOLD TIME			DAYLIGHT				
1	2		3	4	5	6	7	8		
ON	ON	100%	ON	ON	ON	5S	ON	ON	ON	2Lux
OFF	ON	75%	OFF	ON	ON	30S	ON	ON	OFF	10Lux
ON	OFF	50%	ON	OFF	ON	90S	OFF	ON	OFF	30Lux
OFF	OFF	25%	OFF	OFF	ON	5Min	ON	OFF	OFF	50Lux
-	-	-	ON	ON	OFF	20Min	OFF	OFF	OFF	Disable
-	-	-	OFF	OFF	OFF	30Min	-	-	-	-

STEP DIM DRIVER SETTINGS

OUTPUT CURRENT SETTING				DAYLIGHT SENSOR				STAND-BY-PERIOD			SENSITIVITY		
Output Current (mA)	S1	S2	S3	Daylight Sensor	S1	S2	S3	Stand-by-Period	S4	S5	Sensitivity	S1	S2
1200	ON	ON	ON	Disable*	ON	ON	ON	1 Min	ON	ON	100%	ON	ON
1050	ON	ON	-	100Lux	ON	ON	-	5 Min	ON	-	75%	ON	-
900	ON	-	-	50Lux	ON	-	ON	25 Min	-	ON	50%	-	ON
800	-	-	-	30Lux	-	ON	ON	+∞	-	-	25%	-	-
				10Lux	-	-	-						

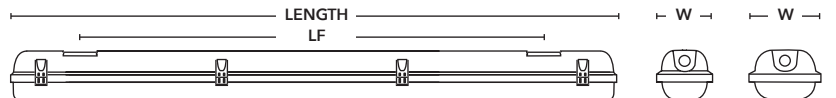
+∞ Lights remain constant at low level
Set via detachable sensor

*Sensor is disabled and will not detect daylight

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	Signed	Date	Signed	Date	Signed	Date	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										



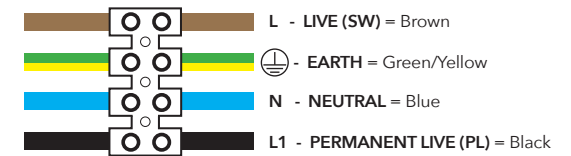
** Please see our website for more detailed information on warranty.

Wiring instructions for units equipped an with EMERGENCY function

Emergency lighting luminaires 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.



STANFORD ANTI-CORROSIVE DIMENSIONS

Part No.	Description	Watts	L (mm)	W (mm)	H (mm)	LF (mm)	Weight
430026 / 430032	4ft Single	19W	1274	100	90	900	1.62Kg
430028 / 430034	5ft Single	27W	1574	100	90	1200	1.62Kg
430030 / 430036	6ft Single	38W	1837	100	90	1150	1.96Kg
430027 / 430033	4ft Twin	38W	1274	140	90	900	1.96Kg
430029 / 430035	5ft Twin	57W	1574	140	90	1200	2.30Kg
430031 / 430037	6ft Twin	72W	1837	140	90	1150	2.30Kg

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