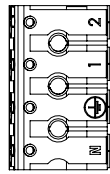


WIRING

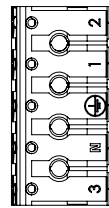
Suitable cable and power is to be supplied to the point of installation using IP rated connectors/junction boxes used where required. Depending on the fitting being installed, the cable can be terminated as follows:

Standard & Microwave Fittings

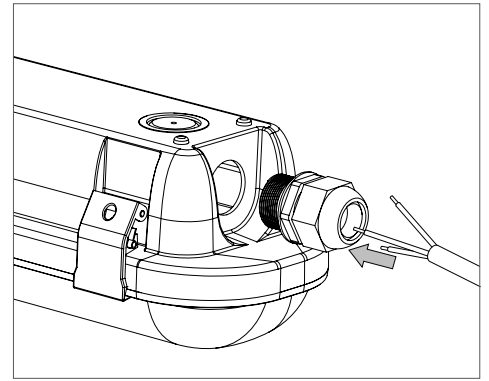


1 - Brown (Switched) Live
 - Green/Yellow (Earth)
N - Blue (Neutral)

Only Fittings With Emergency Battery Backup (See Notes Below)



2 - Black (Unswitched) Live
1 - Brown (Switched) Live
 - Green/Yellow (Earth)
N - Blue (Neutral)



Notes:

- The emergency battery backup fitting can be wired as maintained or non-maintained. The emergency with microwave sensor fitting is maintained only
- Maintained - The LED driver connects to 'Switched Live' with 'Unswitched' permanent live to the emergency inverter.
 - Non-maintained - The LED driver is not connected with 'Unswitched' permanent live to the emergency inverter.
- To enable the fitting to be manually tested an inline keyswitch must be fitted inline with the Permanent Live input in to the driver.

MICROWAVE SETTINGS

The fittings supplied with Microwave Sensor, the recommended mounting heights are 6M for ceiling mounting and 3M for wall mounting.

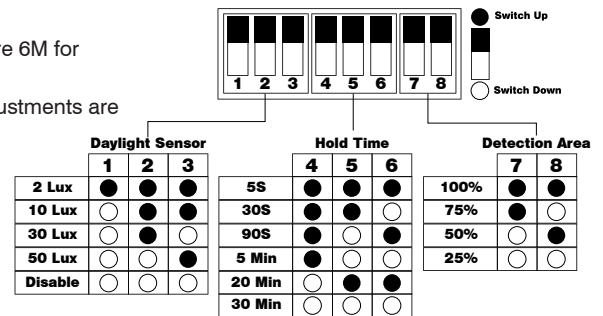
The Microwave Sensor can be adjusted to meet the customer requirements. The adjustments are made via six DIP switches mounted on the top of the Microwave Sensor.

Switches 1, 2 & 3 - Daylight Threshold (Light level when sensor will operate)

Switches 4, 5 & 6 - Hold Time (Time required ON after the last detection)

Switches 7 & 8 - Detection Area Adjustment

Caution: Special consideration should be given to using microwave sensor outdoors, if in doubt please contact OVIA Technical Support.



Override Function: Power off the fitting and then switch the fitting On/Off 3 times (On - Off - On - Off - On - Off) within 2 seconds to override the sensor function. The fitting will blink 3 times and then will switch on at full brightness. Power off and on again to recover the sensor function.

Factory Setting: Detection area: 100%, Hold Time: 5S, Daylight Sensor: Disable

SELF-TEST EMERGENCY BATTERY BACKUP

On first operation a 24 hour charge will be required to fully charge the batteries.

Function and duration tests start times are generated by pressing the "Test Button" once. The Green LED will flash 3 times in 0.5 seconds to confirm the timer has been reset. The testing procedure will then be performed in accordance with standard requirements (every 30 days for function tests and every 360 days for duration tests).

Function Test - Every 30 Days

A function test is a 18 minutes (10% duration) test that simulates a mains failure and checks the operation of the emergency light source from the battery supply. The local indicator LED flashes green whilst the 18 minutes function test is in progress. (See LED status table below).

Duration Test - Every 360 days (12 x 30 days)

A duration test simulates a mains failure. It also checks the operation of the emergency light source from the battery supply for the rated duration of the module. The local indicator LED flashes green (quick flashes) whilst the duration test is in progress. (See LED status table below).

The battery is required to be fully charged before a duration test can be started.

LED Indicator Status

A single bi-colour indicator LED is fitted in all Self-Test products. This LED is clearly visible for manual inspection and indicates the module status.

	LED Status	Fitting Status
Green LED	Solid	Mains On, battery charging, no faults
	Slow Flash	Function test for 18 minutes
	Fast Flash	3 hour duration test
	Flash (3 Times Per 0.5secs)	Test button pressed - Reset Timer

	LED Status	Fitting Status
Red LED	Single Flash	Battery fault
	Double Flash	Lamp fault
	Triple Flash	Duration test fault

In the event a flashing red indicator is displayed, this must be reported as soon as possible to the onsite maintenance person or qualified electrician.

COMPLIANT WITH:

The Linear Utility Lights have been tested and comply with the following statutory instruments, directives & standards:

- LV (2014/35) & EMC (2014/30)
- BS EN 60598-1
- BS EN 60598-2-1
- IEC 62471
- BS EN 55015
- BS EN 61000-3-2
- BS EN 61000-3-3
- BS EN 61547



Errors & Omissions excluded. Specification is subject to change without notice.

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GENERAL INFORMATION

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCE.

Electrical products can cause death or injury, or damage to property.

If in any doubt about the installation or use of this product, consult a competent electrician.

- Before commencing any electrical work, to prevent the possibility of receiving an electric shock, ensure the mains isolator on the consumer unit is in the 'OFF' position and safely isolated in accordance with Best Practice Guide 3.
- Before commencing installation, ensure the fitting is complete with the fixings required.
- The fitting should be mounted on a smooth, flat surface, noting the position of any pipes or wiring behind the fixed surface to prevent the risk of damage.
- The luminaire must be installed in accordance with the latest IET Wiring Regulations, BS7671. If in any doubt please consult a qualified electrician.
- The LED light source is replaceable by professionals only.
- The LED light source is not dimmable.
- The manufacture reserves the right to improve the product specification without prior notice.
- The light source contained within the Luminaire has an energy classification value of E.
- **DO NOT DISCONNECT UNDER LOAD!**

DISASSEMBLY & INSTALLATION

The linear utility lights offers the facility to be mounted direct to the ceiling or wall, alternatively the fitting can be suspended (suspension wire / chain not supplied). Do not drill through the body of the luminaire for mounting purposes as this will invalidate the IP rating.

Normal Operating Temperatures: Non-emergency luminaires: -25°C - +50°C; Emergency Luminaires: 0°C - +40°C.

For fittings with Microwave Sensor, see the recommended mounting heights within Microwave Settings section overleaf.

Caution: Special consideration should be given to using microwave sensor outdoors, if in doubt please contact OVIA Technical Support.

Disassembly

To separate the diffuser from the the base, unclip the diffuser retaining clips (Fig.1).

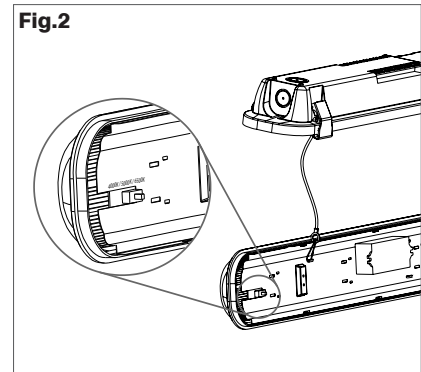
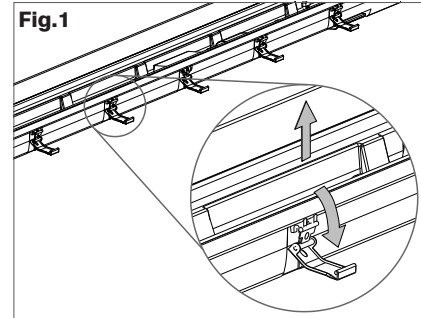
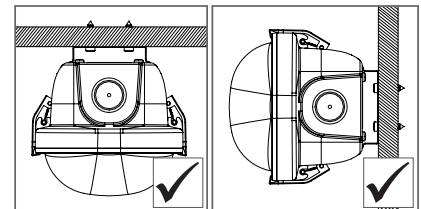
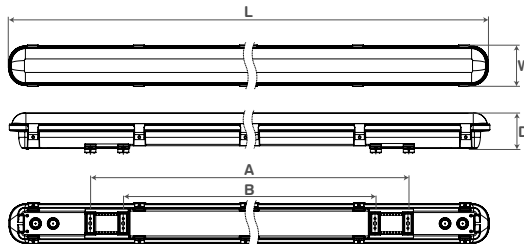
The diffuser and LED array is linked to the cover to aid assembly and future maintenance (Fig.2).

Ceiling / Wall Mounting

The two 'U' brackets require to be installed on to a substantially fixed ceiling or wall using the fixings supplied or suitable fixings (Fig.3).

The 'U' Brackets must be spaced as follows:

		4ft Models	5ft Models	6ft Models
L	LENGTH (L) mm	1200 (4ft)	1500 (5ft)	1800 (6ft)
W	WIDTH (W) mm	96	96	96
D	DEPTH (W) mm	83	83	83
A	MAX FIXING CENTRE (MM)	915	1115	1431
B	MIN FIXING CENTRE (MM)	765	965	1281



Suspended

To enable the fittings to be suspended, the Suspension Clips need to be fitted to the 'U' Brackets as shown in Fig.4.

Making note of the 'U' Bracket spacings above, the suspension wires / chains can be correctly spaced for the fitting being installed.

Final Assembly

Once the fitting has been fixed in to position and suitably wired, select required CTA setting and then the diffuser with LED array can be fitted to the base (Fig.2).

Ensuring the seal in the base is in place, align the diffuser and secure using the diffuser retaining clips (as shown in Fig.1).

Install the screws supplied to lock the diffuser retaining clips in position (Fig.5).

