



Installation Instructions



NOTE: All electrical work must be carried out by a licensed electrician as per the latest AS 3000 wiring regulations.
WARNING: All maintenance, such as battery change, is to be performed by qualified personnel only.
 De-energize all supplies before maintenance. This luminaire contains non-user replaceable lamps.
 Do not touch LEDs during installation or maintenance or put gear tray facing downwards onto surface.
 Warranty void if LED damage found. All entry points should be sealed properly to maintain the IP65 rating of the fitting. Warranty void if water damage found.
 The light must be operated within its specified operating parameters and in accordance with our warranty requirements.
 These documents are available on our website. It is the responsibility of the installer to ensure the following to avoid premature battery failure:

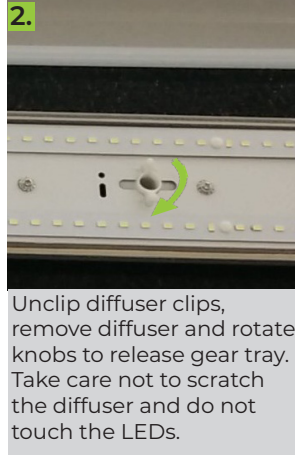
- Emergency fitting should be installed within 3 months after purchase as extended storage may shorten the battery life
- After connecting the battery, mains power should be supplied to the fitting within 7 days

INSTALLATION

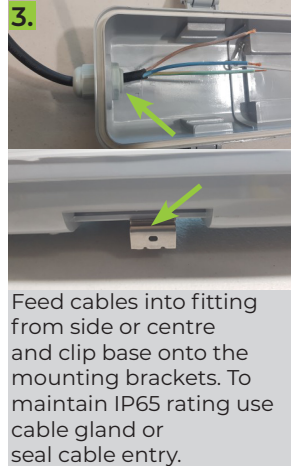
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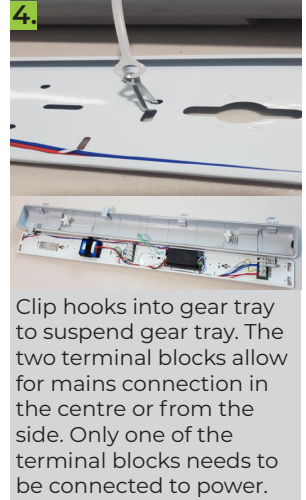
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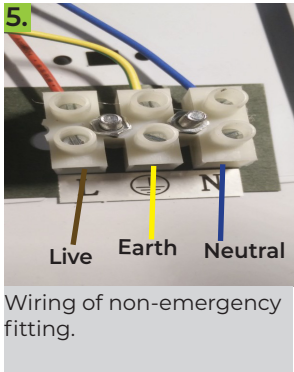
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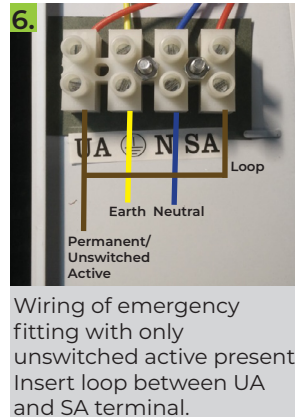
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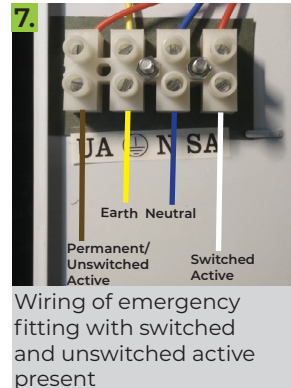
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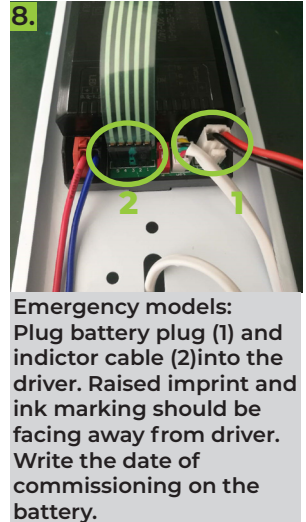
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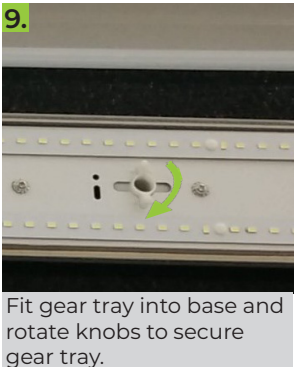
7.



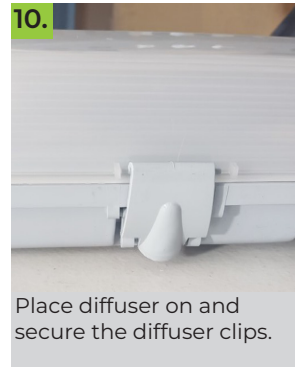
8.



9.



10.



The emergency light requires permanent electrical supply and permanent active must not be switched. The permanent active and switched active have to be energised for the fitting to illuminate. If the switched active is turned off then the battery will charge but the fitting will not illuminate in normal mode.

Vico

LED Linear Batten



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HALF POWER SWITCH

In areas where less light is required, the full and standby power can be set to half. Default setting is Full Power

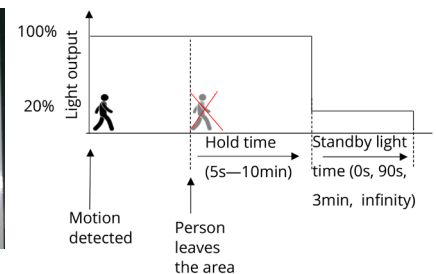
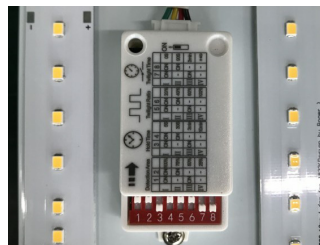
	Half Power Switch	Operating Mode
I	ON	Half Power
II	OFF	Full Power



MICROWAVE SENSOR SETTINGS

The microwave sensor inside the diffuser is an active motion detector that emits a high frequency electro-magnetic wave (5.8GHz) and receives its echo. If it is necessary to check or adjust microwave sensor settings to suit the local conditions, remove the diffuser.

The microwave sensor is inside the diffuser →



DETECTION AREA

Sensitivity can be adjusted to suit local conditions.

If the sensor detects motion outside the desired detection area, reduce detection area setting to a lower value.

Default setting: 100%.

Detection Area		
Dipswitch	1	2
100%	ON	ON
75%	OFF	ON
50%	ON	OFF
25%	OFF	OFF

HOLD TIME

Refers to the time the luminaire remains at 100% after motion is no longer detected. Recommended value: 30 seconds for stairwells/ corridors, 3 minutes for car park parking bays.

Default setting: 30s

enLighten recommends to use permanently-on fittings in driveways.

Hold Time		
Dipswitch	3	4
5secs	ON	ON
30secs	OFF	ON
3mins	ON	OFF
10mins	OFF	OFF

STANDBY LIGHT LEVEL

Refers to the illumination level after motion is no longer detected.

Light can also be set to permanently-on. **Default setting: 20%.**

Standby Level (Twilight Ratio)		
Dipswitch	5	6
20%	ON	ON
100% (light permanently on/ sensor disabled)	OFF	OFF



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STANDBY LIGHT TIME

Refers to the time period the luminaire remains at the standby level before switching off.

Recommended value: Infinity - the fitting remains at standby level during periods of no occupancy.

Default settings: infinity.

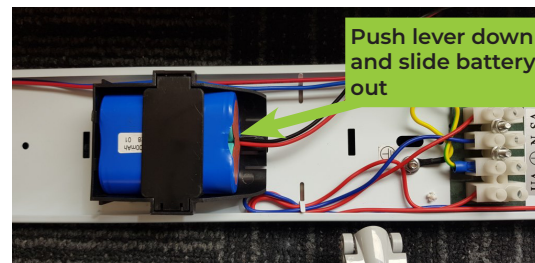
Standby Level Time		
Dipswitch	7	8
0 seconds (no standby)	ON	ON
90 seconds	OFF	ON
3 minutes	ON	OFF
Infinity (always in 20% standby)	OFF	OFF

BATTERY REPLACEMENT

This luminaire requires a change of battery when it no longer meets its rated duration of operation i.e. 90 minutes after receiving full charge. Follow the instructions below to carry out battery replacement:

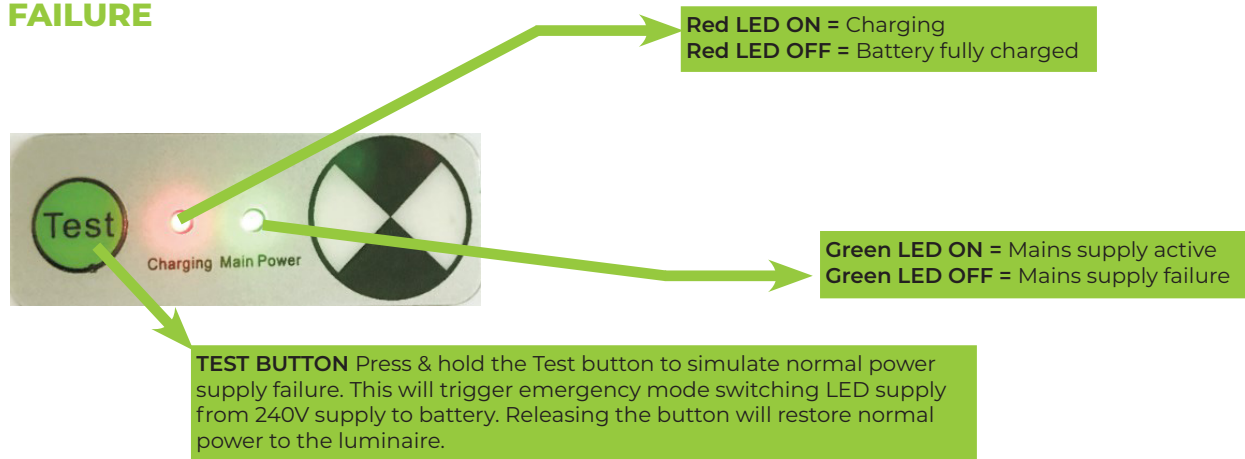
All electrical work must be carried out by a licensed electrician.

1. Isolate unit from mains power;
2. Remove diffuser and release gear tray;
3. Unplug battery plug from driver;
4. Remove battery from battery holder;
5. Insert new battery into battery holder, write the date of commissioning on the battery;
6. Plug battery cable into driver;
7. Secure gear tray and diffuser onto luminaire base;



The battery is in a battery holder on the gear tray.

EMERGENCY MODELS: INDICATOR & SIMULATION OF NORMAL POWER SUPPLY FAILURE

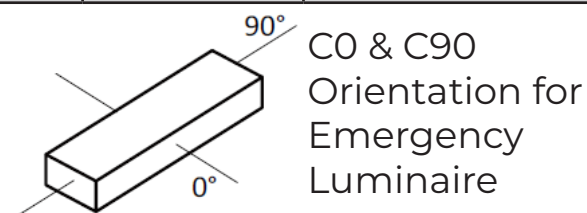




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KEY LUMINAIRE SPECIFICATIONS

Model	Version	Power Rating	Ambient Temperature	Emergency Classification*	Battery
BL12ES	Sensor Emergency	220-240V 50/60Hz, 30W	0°C to +40°C	Maintained C0: D63; C90: D40	6.4V 3000mAh LiFePO4, part no. BL-BATT-LI
BL12E	Emergency	220-240V 50/60Hz, 30W	0°C to +40°C	Maintained C0: D63; C90: D40	6.4V 3000mAh LiFePO4, part no. BL-BATT-LI
BL12S	Sensor	220-240V 50/60Hz, 30W	-25°C to +40°C	N/A	N/A
BL12	Standard	220-240V 50/60Hz, 30W	-25°C to +40°C	N/A	N/A
BL12ESLP	Low Power Sensor Emergency	220-240V 50/60Hz, 22W	0°C to +40°C	Maintained C0: D63; C90: D40	6.4V 3000mAh LiFePO4, part no. BL-BATT-LI
BL12ELP	Low Power Emergency	220-240V 50/60Hz, 22W	0°C to +40°C	Maintained C0: D63; C90: D40	6.4V 3000mAh LiFePO4, part no. BL-BATT-LI
BL12SLP	Low Power Sensor	220-240V 50/60Hz, 22W	-25°C to +40°C	N/A	N/A
BL12LP	Low Power Standard	220-240V 50/60Hz, 22W	-25°C to +40°C	N/A	N/A
BL06ES	Sensor Emergency	220-240V 50/60Hz, 16W	0°C to +40°C	Maintained C0: D80; C90: D32	6.4V 3000mAh LiFePO4, part no. BL-BATT-LI
BL06E	Emergency	220-240V 50/60Hz, 16W	0°C to +40°C	Maintained C0: D80; C90: D32	6.4V 3000mAh LiFePO4, part no. BL-BATT-LI
BL06S	Sensor	220-240V 50/60Hz, 16W	-25°C to +40°C	N/A	N/A
BL06	Standard	220-240V 50/60Hz, 16W	-25°C to +40°C	N/A	N/A



DIMENSIONS

