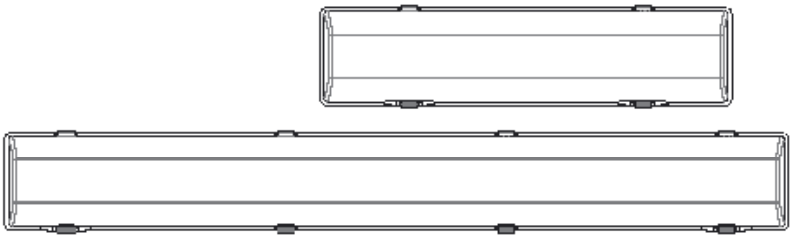
ECONOMY WEATHERPROOF LED BATTENS

Specifications

All models	
Supply Voltage	230 - 240V a.c. 50Hz
Power Factor	>0.9
IP Rating	IP65



Installation

The Economy Weatherproof LED Batten can be installed in 3 ways with the help of installation brackets, suspension brackets and installation screws provided.

Installation bracket

Suspension bracket

A. Using installation screws:

- Drill 2 holes at the back of the body in the locations provided. Install the body to the ceiling or wall using the screws provided. Use the supplied washer to ensure that IP65 is maintained. The installation centres are shown in the table below.

B. Using installation brackets:

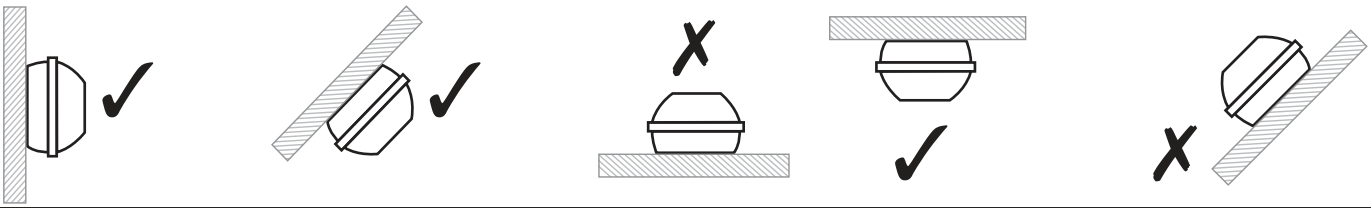
- Attach 2 stainless steel installation brackets to the ceiling or wall using the screws provided. Clip the body on to the brackets. The range of installation centres are shown in the table below.

C. Using suspension brackets:

- The batten can also be suspended with wires by attaching the suspension bracket to the stainless steel brackets as shown. Once attached, clip the body to the installation brackets.

Batten length (mm)	Installation Centres (mm)	
	Using Screws	Using installation brackets
600	500	from 275 to 415
1200	1060	from 830 to 970
1500	1350	from 1130 to 1270

Installation positions to maintain IP rating

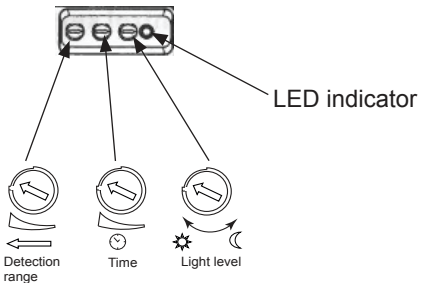


Wiring

- Disconnect mains supply before installing, servicing or maintaining the luminaire.
- Unlock the diffuser clips and remove the diffuser. Note that 2 of the clips are designed to stay attached to the diffuser so that it can hang from the body during installation.
- Remove the gear tray by twisting the quarter-turn fasteners. Clip the lanyards to the gear tray.
- Fit the power cable through the supplied IP65 gland. Use 10mm diameter circular cable to ensure that IP65 is maintained. Use silicone if required.
- Connect the power cable to the terminal block (A -Active, N- Neutral, E- Earth).
- For DALI models, connect the DALI cable to the two terminals marked "DA". If the DALI cable is separate from the power cable, an additional cable gland will be required.
- For emergency models, an additional Switched Active terminal is provided to allow the luminaire to be switched on and off in mains mode. For non-maintained operation, do not connect the Switched Active terminal.
- Secure the gear tray to the body by twisting the quarter-turn fasteners.
- **IMPORTANT: For wireless emergency versions that are wall-mounted, bend the part of the gear tray where the antenna is mounted so that it is as close as possible to a vertical position. Failure to do this may result in poor communication.**
- Close the diffuser and ensure all diffuser clips are locked in place.

For ON/OFF movement sensor models only

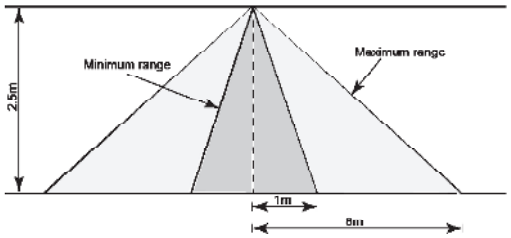
The light turns on when movement is detected and turns off after a certain period of time has elapsed with no movement. The user can change the following settings by turning the 3 selector switches with a small flat-head screwdriver.



1. Detection range setting

When installed at a height of 2.5m, turning the selector switch to the minimum setting will give a circular detection range of 1m radius. Turning the selector switch to the maximum setting will give a circular detection range of 8m radius.

Default factory setting = maximum range



2. Time setting

The light can be set to stay on for any period of time between approximately 10 seconds (selector switch turned fully anticlockwise) and 30 minutes (selector switch turned fully clockwise). When adjusting the time setting selector switch with the power on, the LED indicator next to the selector switch will flash as follows:

Number of flashes	Time setting
1	10 Seconds
2	1 minute
3	2 minutes
4	5 minutes
5	8 minutes

Number of flashes	Time setting
6	10 minutes
7	15 minutes
8	20 minutes
9	25 minutes
10	30 minutes

Any movement detected during the 'on' time will restart the timer. When the timer expires the light will turn off, and there is a delay of approximately 4 seconds before the sensor will start detecting movement again.

Default factory setting = 30 minutes

3. Light level setting

This setting determines the ambient light level below which the movement sensor will operate. The minimum setting is approximately 10 lux (selector switch turned fully anticlockwise) and the maximum setting is approximately 2000 lux (selector switch turned fully clockwise). To enable the sensor to operate during the day, select the maximum setting. When the minimum setting is selected, the sensor will operate at night only, and the light will remain off during the day.

Default factory setting = maximum light level (day operation)

Disclaimer

1. This product must be installed and used as per these instructions. 2. This product must be installed by a licensed electrician. 3. An IP rating of IP65 is completely protected against dust and generally considered suitable for fully exposed external installations, but not for high pressure hoses. 4. The IP rating of this product is only valid when all applicable seals, glands and their appropriate cables are installed correctly. 5. This product must be securely attached to a suitable structural member of the installation. 6. This product should only be cleaned with a damp cloth. Cleaning agents and solvents should not be used. 7. Severe electromagnetic interference from other products may cause malfunction of this product. 8. This product is not suitable for marine environments such as areas subject to salt spray and/or mist. 9. This product is not suitable for installation in hazardous and/or corrosive areas. 10. Extended exposure to UV rays (such as exposure to direct sunlight) may cause discolouration of this product. 11. The material in this product may vary in colour from batch to batch. Colour matching from one batch to another cannot be guaranteed. 12. This product has been designed to operate in ambient temperatures 0°C to 40°C. 13. Any antenna in this product must be orientated in the vertical position to ensure good RF communication.14. This product has no user serviceable parts and no attempt should be made to repair this product. For repair please contact Legrand. 15. This product utilises intellectual property in the form of registered designs, trademarks, and/or patents. Such intellectual property remains the property of Legrand in all cases. 16. Legrand reserves the right to modify the specifications of this product at any time.

Warranty

Legrand guarantees this lighting unit for a period of 5 years from date of despatch, solely against failure arising from faulty materials or workmanship, and provided that the unit has been stored, shipped, installed, used and maintained in accordance with the manufacturers instructions and relevant standards. Consult Legrand Conditions of Sale for details on warranty liability. If this lighting unit is faulty, return the unit freight pre-paid to your point of purchase, or contact Legrand.

Customer Service

For all Customer Service and Technical Support enquires please call Monday to Friday during business hours.

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