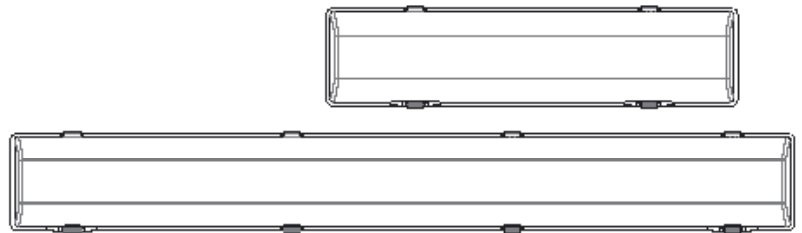


Specifications

All Models	
Supply Voltage	230 - 240V a.c. 50Hz
IP Rating	IP65



Installation

The WP3 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:

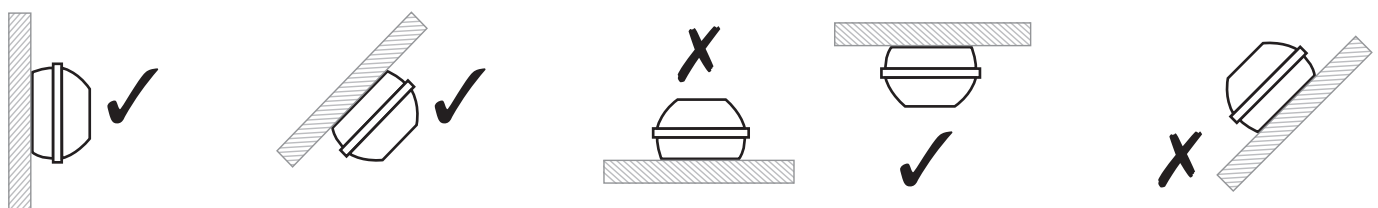
- Attach 2 stainless steel installation brackets to the ceiling or wall using the screws provided. Clip the body on to the brackets. The range of installation centres are shown in the table below.

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

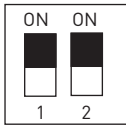
- Disconnect mains supply before installing, servicing or maintaining the luminaire.
- Unlock the diffuser clips and remove the diffuser. Note that 2 of the clips are designed to stay attached to the diffuser so that it can hang from the body during installation.
- Remove the gear tray by twisting the quarter-turn fasteners. Clip the lanyards to the gear tray.
- Fit the power cable through the supplied IP65 gland. Cable glands are compatible with circular cable 8-10 mm in diameter. e.g. 3 - core heavy duty (H07VV-F) 1.0mm² or 1.50 mm² flexible cord.
- 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.

Colour temperature setting

The 3-position switch located on the gear tray can adjust the colour temperature to WARM WHITE, COOL WHITE OR NATURAL WHITE. The default setting is COOL WHITE.

Lumen select setting (not applicable for Auto Occupancy or DALI models)

The brightness of the luminaire in mains mode can be adjusted by setting the output current of the LED driver to one of 4 possible levels. This is done by setting the 2 switches on the LED driver as shown:



ON= Switch up

OFF= Switch down

Each setting corresponds to the following lumen output levels:

600mm Models

Switch position		LED driver output current (mA)	Lumen output (lm)		
1	2		Warm white	Cool white	Natural white
OFF	OFF	400 (factory default)	1900	1940	1960
ON	OFF	500	2330	2400	2410
OFF	ON	600	2750	2850	2850
ON	ON	700	3140	3310	3260

1200mm Models

Switch position		LED driver output current (mA)	Lumen output (lm)		
1	2		Warm white	Cool white	Natural white
OFF	OFF	700	3480	3560	3600
ON	OFF	850 (factory default)	4220	4370	4390
OFF	ON	900	4430	4580	4600
ON	ON	1050	5140	5360	5350

1500mm Models

Switch position		LED driver output current (mA)	Lumen output (lm)		
1	2		Warm white	Cool white	Natural white
OFF	OFF	700	4450	4540	4580
ON	OFF	850 (factory default)	5410	5590	5610
OFF	ON	900	5690	5910	5920
ON	ON	1050	6610	6890	6870

Note:

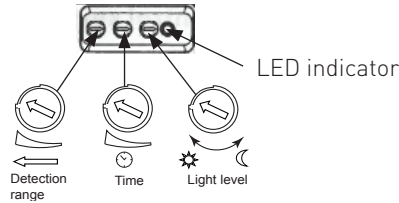
1. The lumen output of Auto Occupancy models is fixed at the factory default setting and cannot be changed.
2. The lumen output of DALI models is factory set at the highest setting and can be changed by DALI commands.

For movement sensor models only

There are two types of movement sensor models:

ON/OFF Model	These units turn ON when movement is detected and turn OFF after a certain time period has elapsed with no movement.
Auto Occupancy Model	These units turn ON when movement is detected and dim down to 10% brightness after a certain time period has elapsed with no movement.

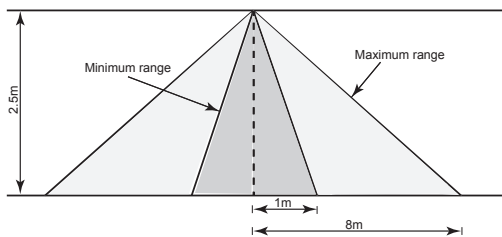
For all of these models, the user can change the following settings by turning the 3 selector switches with a small flat-head screwdriver.



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	Number of flashes	Time setting
1	10 Seconds	6	10 minutes
2	1 minute	7	15 minutes
3	2 minutes	8	20 minutes
4	5 minutes	9	25 minutes
5	8 minutes	10	30 minutes

Any movement detected during the 'ON' time will restart the timer. When the timer expires the light will turn OFF, or dim to 10% brightness (depending on the model) and there is a delay of approximately 4 seconds before the sensor will start detecting movement again.

Default factory setting: 30 minutes (ON/OFF models)
5 minutes (Auto occupancy models)

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)

Test switch (Emergency models only)



Test switch is located on the gear tray behind the diffuser. After installation, press test switch for local test of Emergency Mode operation.

Replacement Batteries (Emergency models only)

- 659210 (2-foot models)
- 659204 (4-foot and 5-foot models)

Status Indication

Battery Charging LED (all models except DALI)

LED ON	Battery is in good condition and is being charged when necessary.
LED OFF	Loss of mains power, OR Battery disconnection, OR Unit is under test.
LED single flash every 2 sec	Battery is faulty and should be replaced.

Communications LED – Galaxy (Blue)

LED ON	New SPU to be commissioned
LED flashing slowly (1 sec ON, 1 sec OFF)	SPU has been commissioned and ready to join the network or SPU has become offline.
LED OFF	SPU is online and ready
The LED also flashes momentarily whenever a communications message is received.	

Communications LED – Axiom (Yellow or Green)

LED continuous rapid flashing	Self-testing has found a fault within the unit (the battery charging LED also flashes rapidly)
LED flashing slowly (1 sec ON, 1 sec OFF)	Unit is yet to be commissioned.
LED OFF	Communications are good.
The LED also flashes momentarily whenever a communications message is received.	

DALI Range – Red and Green LEDs

Green ON	Mains mode – system OK	Red ON	Load failure (open circuit or short circuit)
Rapidly flashing Green	Function test underway	Rapidly flashing Red	Incorrect charging current
Slow flashing Green (1 sec ON, 1 sec OFF)	Duration test underway	Slow flashing Red (1 sec ON, 1 sec OFF)	Battery is defective, OR battery voltage is incorrect, OR battery failed the duration test or function test.
Double pulsing Green	Switching into inhibit mode via controller	Green and Red OFF	Battery operation (emergency mode)
During address identification mode, the Red and Green LEDs will pulse to indicate the address of the unit in binary format.			

iSmart™ Temperature Sensing

- Charging Lithium-Ion batteries at extremely high or low temperatures can result in a hazardous situation. Therefore, all Legrand Lithium-Ion emergency lighting products contain iSmart™ Temperature Sensing which temporarily turns off the battery charger when the ambient temperature is outside the battery specifications.
- When the battery charger is turned off due to iSmart Temperature Sensing, the battery charging LED will remain on to indicate that the product is still able to operate correctly.
- Charging will automatically resume when the ambient temperature returns to a level within the battery specifications.

Installation

- This product must be installed by a licensed electrician, and must be installed and used as per these instructions. After installation this product must be commissioned, tested and maintained as required by the appropriate government and/or statutory regulations.
- This product must be securely attached to a suitable structural member of the installation. In all Galaxy fittings, the antenna must be oriented in the vertical position wherever possible to ensure good RF communication.
- With the battery connected and the product connected to the unswitched mains supply, check that the charge LED is illuminated according to the tables above. If not illuminated, check that the supply is on and the battery leads are correctly connected.
- The product must be powered up for a minimum of 16 hours before a full discharge test is performed. However, checking of the emergency lamp function may be performed immediately by momentarily pressing the test switch on the product.
- Where a test switch is not visible, the product has a magnetic test switch that may be activated by holding a magnet near the label marked "Magnetic Test Switch".
- Interrupting the mains supply will discharge the battery. If the supply remains interrupted for a long period, permanent damage to the battery may result due to excessive discharge. For Lithium-ion batteries, leaving the batteries discharged for more than 12 months will void the battery warranty. Do not subject the battery to a high number of charge/discharge cycles as can occur on a temporary supply (e.g. construction site).

Important Notes

- This product must be installed and used as per these instructions.
- This product must be installed by a licensed electrician.
- 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.
- The IP rating of this product is only valid when all applicable seals, glands and their appropriate cables are installed correctly.
- This product must be securely attached to a suitable structural member of the installation.
- This product is not suitable for marine environments such as areas subject to salt spray and/or mist.
- This product should only be cleaned with a damp cloth. Cleaning agents and solvents should not be used.
- This product is not suitable for installation in hazardous and/or corrosive areas.
- This product has been designed to operate in ambient temperatures 0°C to 40°C.
- Any antenna in this product must be orientated in the vertical position to ensure good RF communication.
- The rechargeable battery in this product MUST be replaced when the unit no longer meets rated operating life. If this product is to be stored for more than 3 months then the battery must be disconnected prior to storage. At the end of its life the battery should be recycled.
- Severe electromagnetic interference may cause malfunction of this product. Emergency lighting should be installed on dedicated circuits to ensure that interference from other luminaires does not affect its operation. Performance may also be affected if installed near RF transmitters such as mobile phone services, or installed in or around substantially metal enclosures or structures.
- The material in this product may vary in colour from batch to batch. Colour matching from one batch to another cannot be guaranteed. Extended exposure to UV rays (such as exposure to direct sunlight) may cause discolouration of this product.
- The light source of the emergency fitting is not replaceable; when the light source reaches its end of life the fitting must be replaced.
- For full technical or photometric data please contact Legrand.
- This product has no user serviceable parts and no attempt should be made to repair this product. For repair or replacement please contact Legrand or our service agent.
- This product utilizes intellectual property in the form of registered designs, trademarks and/or patents. Such intellectual property remains the property of Legrand in all cases.
- Legrand reserves the right to modify the specifications of this product at any time.

Warranty

Legrand guarantees this product for a period of 5 years (Lithium-ion battery models) or 1 year (Other battery models) 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 manufacturer's instructions and relevant standards. Misuse, negligence or modification of the unit voids all warranties. Consult Legrand Conditions of Sale for details on warranty liability. If this product 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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