LUXNA
LIGHTING

| 2 Year Warranty | LED | IP65 BODY/PIR | 5000K | 110° Beam Angle | 20,000h | | 80 Lm/W | CRI >70 | PF >0.90 |
| -20°C ~ +40°C | | 1.0 m | 600mm Cable | 220-240V AC | 50/60 Hz | | CE | |

LED Slimline Floodlight
Installation Instructions

PIR Option

| 2-10m | 120° | <10-2000 lux | 5sec - 8min |
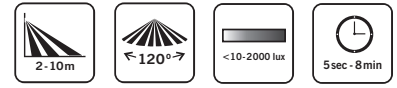
Please read these instructions carefully before installation
Leave a copy for the user/maintenance engineer for future reference

Important Safety Information

- It is recommended that this fitting is installed, inspected and maintained by a qualified electrician.
- Installation should be carried out in accordance with the latest edition of the IEE Wiring Regulations (BS 7671) and the latest Building Regulations. If in doubt, consult a qualified electrician.
- These products are designed for connection to a 220-240V~50/60Hz supply.
- Before commencing any installation or maintenance work, ensure electricity is disconnected / isolated.
- Important: Ensure that ALL electrical connections are tight with no loose strands including factory made connections.
- This is a class I construction luminaire, and MUST be earthed.

- Please note the IP rating of this luminaire when deciding the location for installation.
- This luminaire is NOT suitable for indoor installations.
- This product is non-dimmable.
- MCBs may require uprating to allow for increased initial inrush current.
- Do not carry out any insulation resistance tests with the luminaire connected to the circuit.
- The LED light source fitted in this product is non replaceable. The whole luminaire must be replaced when the LED reaches the end of its life.

Floodlight Range
10W, 20W, 30W and 50W

PIR Option
10W, 20W, 30W and 50W
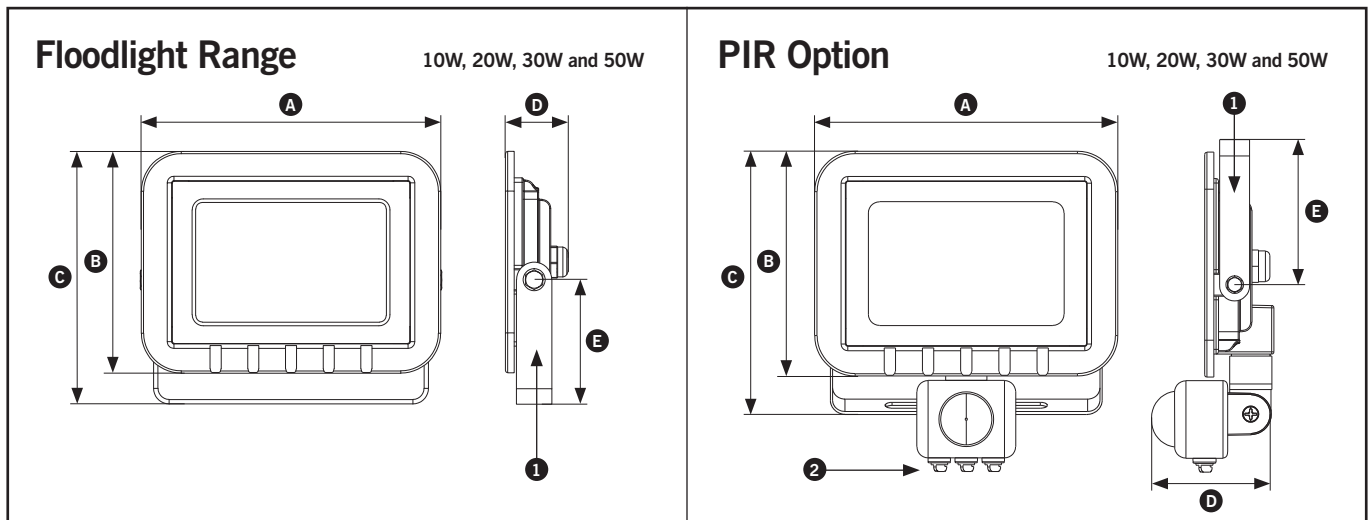
Technical Specifications

Part No.	Description	PIR Sensor	Wattage	Measurement A x B x C x D x E mm	Lumen Output	IP Rating	Power Factor	CRI	Class Rating	Colour Temperature
Standard										
LXSFL10WB	LED Slim Floodlight	No	10W	100 x 80 x 98 x 27 x 50	800Lm	IP65	> 0.90	> 70	Class I	5000K
LXSFL20WB	LED Slim Floodlight	No	20W	135 x 100 x 112 x 29 x 52	1600Lm	IP65	> 0.90	> 70	Class I	5000K
LXSFL30WB	LED Slim Floodlight	No	30W	160 x 135 x 160 x 31 x 77	2400Lm	IP65	> 0.90	> 70	Class I	5000K
LXSFL50WB	LED Slim Floodlight	No	50W	205 x 165 x 195 x 33 x 95	4000Lm	IP65	> 0.90	> 70	Class I	5000K
PIR										
LXSFL10WB-PIR	LED Slim Floodlight	Yes	10W	100 x 80 x 130 x 55 x 50	800Lm	IP65	> 0.90	> 70	Class I	5000K
LXSFL20WB-PIR	LED Slim Floodlight	Yes	20W	135 x 100 x 145 x 55 x 52	1600Lm	IP65	> 0.90	> 70	Class I	5000K
LXSFL30WB-PIR	LED Slim Floodlight	Yes	30W	160 x 135 x 182 x 55 x 77	2400Lm	IP65	> 0.90	> 70	Class I	5000K
LXSFL50WB-PIR	LED Slim Floodlight	Yes	50W	205 x 165 x 212 x 55 x 95	4000Lm	IP65	> 0.90	> 70	Class I	5000K

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Important Installation Information

General Installation Safety

1. Employ the latest safety regulations and procedures to ensure the safe installation of this floodlight.

2. Please make sure that you are safe when working at height.

3. Correct circuit protection for all exterior electrical services should include a residual current device (RCD)

4. Always check whether the site of the installation can support the weight of the floodlight.

5. Take note of the nearest illuminated surface distance as detailed on the product label.

6. Do not cover the floodlight and make sure that adequate clearance is allowed at the rear of the fitting for sufficient air circulation at all times.

Installation Instructions

1. Always switch off and isolate the mains power supply before commencing installation.

2. Select the required mounting position for the floodlight.

3. Unscrew the side fixing bolts and remove the mounting bracket ❶ from the floodlight.

4. Position and fix the mounting bracket ❶ to a suitable solid surface using the appropriate screws and wall plugs, sufficient to support the weight of the floodlight.

5. Replace the main body of the floodlight and secure it to the installed bracket using the side fixing bolts.

6. The floodlight is supplied pre-wired with 600mm of cable. The cable should be installed with an adequate `Drip loop` to prevent ingress of moisture through the cable gland. Care should be taken so that cables are not trapped between the mounting bracket ❶ and the floodlight.

7. Connect the floodlight to the mains supply with a suitable junction box enclosure or connection fitting, making sure that any exposed connections and joints are sufficiently weatherproofed.

8. Make the electrical connections as follows, observing the correct polarity:

 | | | |
   |---|---|---|
   | **LIVE** | (L) | **BROWN** to terminal marked L |
   | **NEUTRAL** | (N) | **BLUE** to terminal marked N |
   | **EARTH** | (⏚) | **GREEN/YELLOW** to terminal marked ⏚ |

   WARNING – THIS FITTING MUST BE EARTHED

9. Ensure that there are no exposed conductors, loose or trapped cable strands.

10. Switch on the power supply and test the installation for satisfactory operation

Maintenance

1. Ensure that power is switched off before starting any maintenance procedures.

2. In order to maintain good even light coverage, the front glass cover should be cleaned regularly.

3. For optimum performance and heat dissipation, the floodlight housing should also be cleaned regularly.

4. Please take care when cleaning the glass or floodlight housing. DO NOT use solvents or cleaning solutions, cleaning should be done with a clean cloth and water only.

PIR Option

There are three rotary dials on the base of the PIR unit ❷ which can be adjusted to control: Detection sensitivity, Ambient light level (LUX) and Time delay.
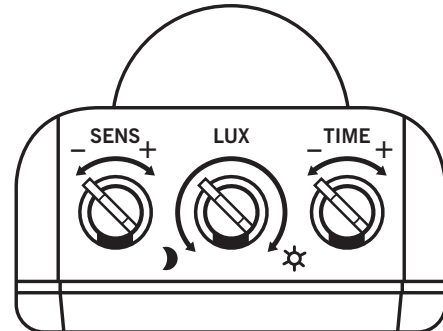
SENS Detection range sensitivity: Adjustable distance, 2-10m when installed at 1.8m-2.5m height. Rotate the dial in the direction of the + marker to increase detection distance. Rotate the dial in the direction of the – marker to decrease the detection distance.

LUX Daylight/LUX setting: Adjustable <10-2000LUX

Rotate the dial in the direction of the SUN symbol to increase the ambient light setting. Rotate the dial in the direction of the MOON symbol to decrease the ambient light setting.

TIME Timer setting: Adjustable 5 seconds to 8 minutes Rotate the dial in the direction of the + marker to increase the timer delay. Rotate the dial in the direction of the – marker to decrease the timer delay.

PIR Testing

1. Rotate the SENS dial clockwise to the maximum + marker, rotate the TIME dial anti-clockwise to the minimum – marker, rotate the LUX dial clockwise to the SUN symbol.

2. When you switch on the power, the fitting will not illuminate. After a 30 second pre-heat, when the sensor receives an induction signal, the load will turn on. Once the load switches off, it will then turn back on again within 5-15 seconds of the sensor receiving an induction signal.

3. After the sensor turns off, trigger the detection field after 5-10 seconds, then the load will turn on. When there are no induction signals received by the sensor, the fitting will not illuminate.

4. Rotate the LUX dial anti-clockwise to the MOON symbol. If it is adjusted tos less than 10 LUX (dark), the load and sensor should not work when testing in daylight. If you cover the detection window with an opaque object, the load should work. If no further induction signal is received, the load should stop working within 5-15 seconds.

Note: When testing the PIR in daylight turn the LUX dial to the SUN symbol, otherwise the sensor will not function.