

LED Guardian Floodlights - with PIR

NOTE – To comply with regulations, installation must be carried out by qualified electrician and in accordance with the current IEE Wiring Regulations (BS7671) and Building Regulations. A copy of the instructions must be left for the user/maintenance engineer for future reference.

ENSURE ELECTRICAL SUPPLY IS DISCONNECTED/ ISOLATED BEFORE COMMENCING INSTALLATION



PART CODE: LDFLP10W/LDFLP20W/LDFLP30W/LDFLP50W

INSTRUCTIONS FOR NEW INSTALLATIONS

Note – this product range is designed for outdoor use. Interior use, especially as an uplight is not recommended.

1. Turn OFF power supply, ensure all required equipment and tools are present.
2. The floodlight is intended for exterior use and is IP65 rated. Select a suitable mounting position. Recommended mounting heights as follows, area covered is typically mounting height x3.

10 watt = 2.0m - 3.0m and is suitable as a replacement/alternative to 100 watt Tungsten Halogen
 20 watt = 2.5m - 4.0m and is suitable as a replacement/alternative to 200 watt Tungsten Halogen
 30 watt = 3.0m - 5.0m and is suitable as a replacement/alternative to 300 watt Tungsten Halogen
 50 watt = 4.5m - 6.0m and is suitable as a replacement/alternative to 500 watt Tungsten Halogen

3. With a suitable mounting position identified, securely fix the U shape mounting bracket to the mounting surface.
4. The floodlight is supplied pre-wired with H05RN-F cable, removing the need to open the housing.
5. Connect the pre-wired cable to the electricity supply, observing the correct polarity.
 LIVE = BROWN
 EARTH = GREEN/YELLOW
 NEUTRAL = BLUE
6. The PIR sensor can be aimed to cover the desired detection area and has a range of 2-12 metres over a 180° wide area.

PIR settings allow the following adjustments to be made
 - Time ON = from 10 seconds (+/- 5 seconds) to 25 minutes (+/- 2 minutes)
 - Detection Range = 2m to 12m
 - Ambient Light = 3 lux to 2000 lux

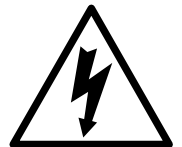
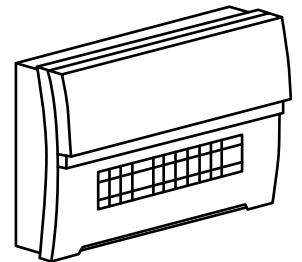
7. Once the PIR has been initially set, check all fixings and electrical connections and when safe, reinstate the power.

Note - During the first 48 hours of operation, the PIR may cause the LED floodlight to operate as it self adjusts to the ambient light level of the installation.

OVERRIDE FACILITY - The PIR sensor is equipped with this function. It allows the PIR sensor to be ignored and the LED to remain ON, however it will still only operate during darkness hours.

To initiate Override Facility turn the power supply OFF/ON/OFF/ON within 5 seconds.

To turn Override Facility OFF, turn the power off for a minimum of 5 seconds, this will reset back to full automatic PIR detection.



Turn Off Power Supply

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Tech Help Line
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Supplied by
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www.luceco.co