

# LEDLITE™ Installation Sheet

## LTFL810 - 80/100W LED Floodlight Power Selectable & CCT Changeable with PIR Sensor

IP65     220-240V

Please read these instructions before commencing installation and retain them for future reference.

### Important information

It is recommended that floodlights are installed by a qualified electrician ensuring the installation complies to current IEE wiring regulations & local building control.

- These products are designed for connection to a 220-240V mains supply.
- Any broken or damaged parts should be replaced as soon as possible.
- We will not accept responsibility for any claims arising from a poor installation.

### Specifications:

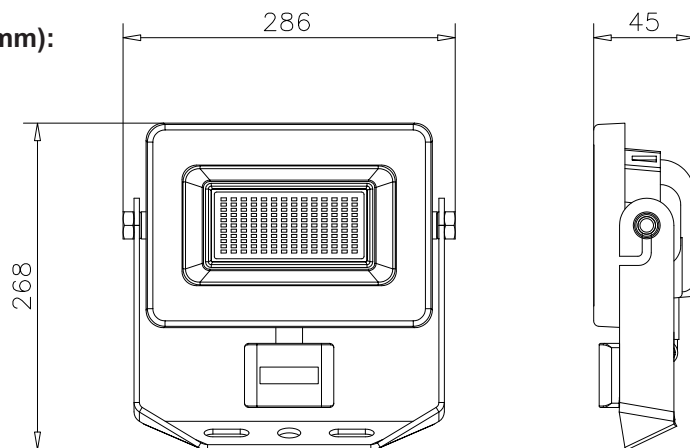
- **Voltage range:** 220-240 V/AC
- **Frequency:** 50/60 Hz
- **Power Selectable:** 80W / 100W
- **Lumens:** 8000lm/10000lm  $\pm$  5%
- **CCT Changeable:** 3000K/4000K/6000K
- **CRI>80**
- **Protection against electric shock:** Class I  
Requires earth connection.
- **IP Rating:** IP65 Body / IP54 PIR sensor
- **Material:** Die cast Aluminium body with tempered glass diffuser
- **Not Dimmable**

- **Slide-in bracket and additional round bracket for easy installation**
- **Operational Temp.:** -20°C ~ +40°C

### Sensor Specifications:

- **Detection Range:** Up to 10m
- **Time adjustment:** 10sec. - 10min.
- **Lux adjustment:** 10 ~ 2000lux
- **Detection Angle:** 120°
- **Mounting Height Recommended:** 1.8 to 2.5m (2.9m max)
- **Pulse Override Facility**

### Dimensions(mm):



### INSTALLATION INSTRUCTIONS:

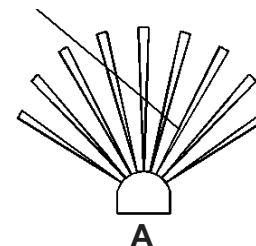


Always switch off mains supply before servicing.  
The distance between two floodlights should be no less than 50cm.

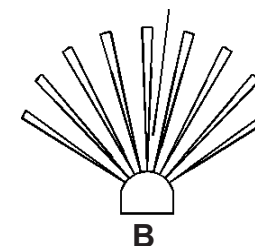
### CHOOSING A MOUNTING LOCATION

- For the best results, fix your sensor on a solid surface, 1.8~2.5M above the ground
- For outdoor installation, a location under eaves is preferable
- Avoid aiming the motion sensor at pools, heating vents, air conditioners or objects that may change temperature rapidly. Do not allow sunlight to fall directly on the front of unit
- Try to avoid pointing the unit at trees or shrubs or where the motion of pets may be detected
- When choosing the mounting position consider that the sensor is more sensitive to motion across the detection field (A) and less sensitive to motion directly towards the sensor (B).


### SENSITIVITY TO MOTION



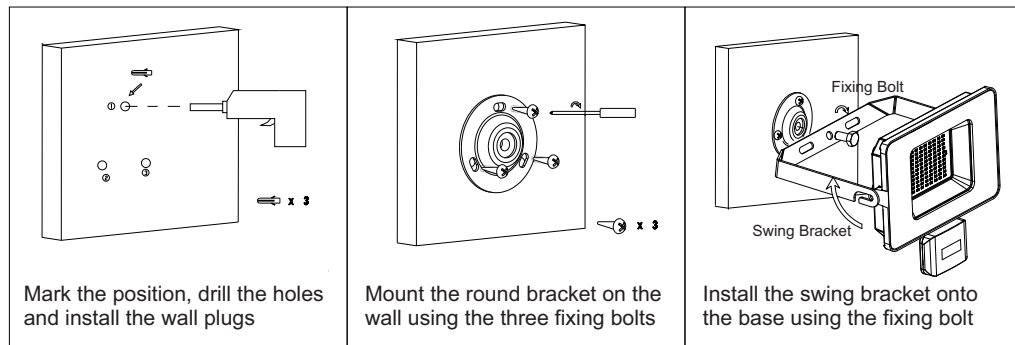
**A**  
SENSOR MORE SENSITIVE



**B**  
SENSOR LESS SENSITIVE

<p>1.</p> <p>Turn off mains power.</p>	<p>2.</p> <p>Mark the holes position and mount the bracket on the wall. Slide the floodlight into position.</p>	
<p>3.</p> <p>Live (L) - Brown Neutral (N) - Blue Earth (E) -  Yellow/Green Input 220-240V/AC, 50/60HZ</p> <p>Terminate loose ends of wire to an appropriate IP Rated junction box or similar, ensuring polarities are observed.</p>	<p>4.</p> <p>Use the screws provided to fix the floodlight into the bracket.</p>	<p>5.</p> <p>Turn on mains power and test the floodlight.</p>

## Installing the Bracket:



**WARNING:** Ensure all items and screws are secure and fitted correctly.

- This floodlight is not dimmable
- Floodlights should not be connected in series

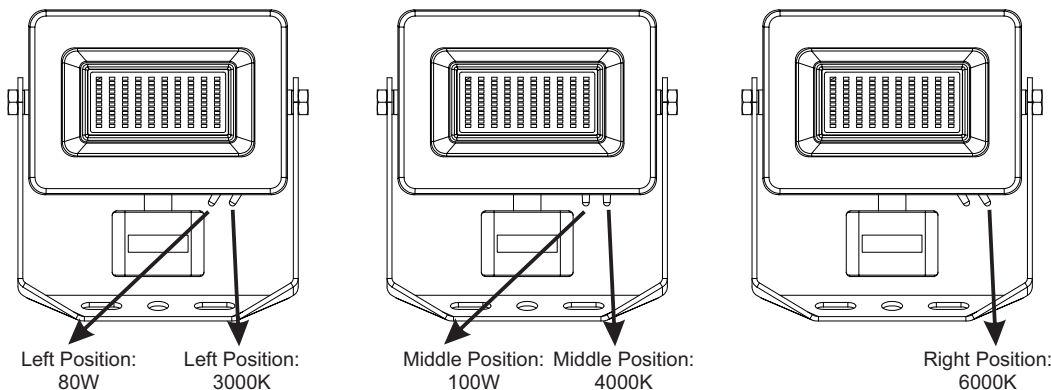
## PULSE OVERRIDE FACILITY

The Ultra Slim Floodlights with PIR have a **Pulse Override facility** to enable lighting to be switched on for long periods using an existing switch.

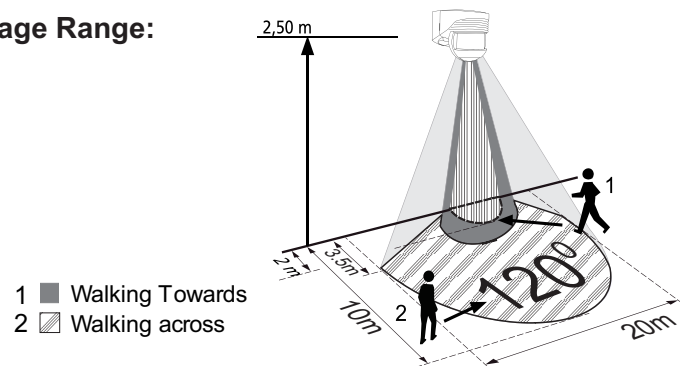
For pulse override switch the **power OFF then ON once within 3 seconds** to enable constant light. In constant light mode turn OFF then ON after 10 seconds to enable sensor mode.

## Changing Power Setting and Colour Temperature:

Use the toggle switch at the bottom of the floodlight to change the power and colour temperature:



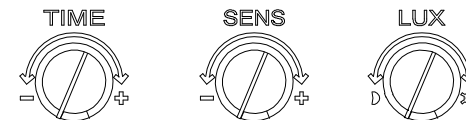
## Coverage Range:



## SETTING THE PIR SENSOR

### 1. TEST MODE

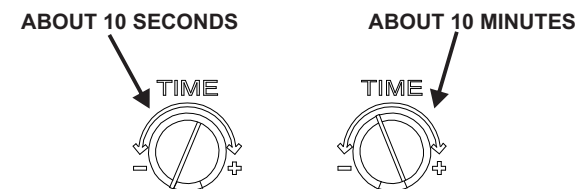
Turn the Time, Sens and Lux control anti-clockwise to the edge – the TEST position.



Turn the wall switch on. The floodlight will turn on for about 10 seconds to warm up. It will then turn off. Walk through the detection area. The floodlight turns on when you move and turns off when you stop. Wait for the floodlight to turn off before moving again to test the sensor. Adjust the motion sensor to cover the desired detection area.

### 2. TIME ADJUSTMENT

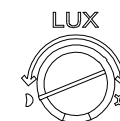
The TIME adjustment controls how long the floodlight will stay on after motion has been detected. Turn the time control knob clockwise to increase how long the floodlight stays on (up to approx. 10 minutes) or anti-clockwise to decrease the time the floodlight stays on (down to about 10 seconds).



### 3. LUX ADJUSTMENT

The LUX adjustment determines at what light level the lighting system will start operating when you set the sensor to automatic operation.

Provisionally turn the LUX control knob to the edge anti-clockwise to the moon (dusk) position. In this setting the motion sensor remains inactive during daylight. At dusk when the light level is at the LUX required adjust the knob clockwise to when the light comes on.



### 4. SENSOR ADJUSTMENT

The sensitivity adjustment may be adjusted to compensate for seasonal variations in temperature and to reduce unwanted triggering. The optimum sensitivity can be achieved by setting the SENS control knob initially to its mid-point and then adjusting the control knob clockwise to increase the detection distance (up to 10 metres) or anti-clockwise to decrease the detection distance (down to 2 metres).

