

## IR-900-00-B-F-1 IR-900-00-B-W-1 PIR Unit



Power Input	220-240V AC 50/60hz
Working temperature	-25°C +55°C
Working humidity	<93%RH
Suggested installation height	2.5-3.5m
Detection angle/distance	160° / 10 metres
Connection	Connects only to Loxa Plug-and-Play fittings

### INSTALLATION INSTRUCTIONS

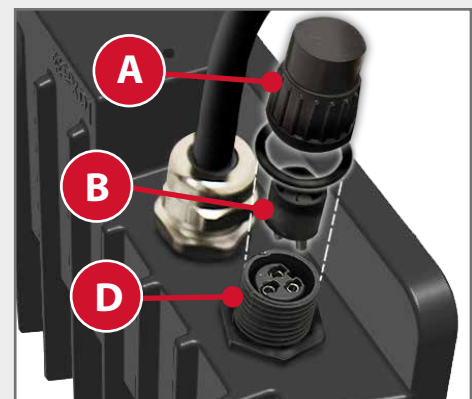
Remove (unscrew) and store safely the plastic dust cap and 'O' ring **A** on the underside of the floodlight. Remove (pull out) and store safely the exposed jumper **B** from the three pin female connector.

**Note:** you will need to replace the dust cap, 'O' ring and jumper should you wish to revert the floodlight to standard (non PIR) operation.

**Caution - the jumper must be refitted in the 'flat to flat' position as aligned with the three pin female connector.**

Push fit the PIR three pin male connector **C** into exposed three pin female connector **D** on the floodlight. The connectors will only fit in the 'flat to flat' position. Screw on the retaining ring **E** to finger tightness. Do not overtighten.

FITTING MOUNT  
IR-900-00-B-F-1



### Setting the PIR Units

It is easiest to initially set the PIR in daylight

1. Turn the LUX dial to its fully clockwise position - which allows the sensor to activate during daylight.
2. Turn the TIME dial to its fully anticlockwise position - this sets the unit to its minimum activation time and allows stage 3 to be performed more quickly.
3. Turn the LUX dial anticlockwise in small increments (testing the sensor after each adjustment) until the sensor will not activate. The sensor should now activate only in poor light conditions.
4. Set the TIME dial to your preferred setting between the maximum 20 minutes (fully clockwise) and the minimum 20 seconds (fully anticlockwise).

The PIR should now activate for your preferred length of time when triggered during poor light conditions.



Fine adjustments can be made to activation settings after some experience of normal operation is acquired:

**Turning the LUX dial anticlockwise will restrict activation to poorer light conditions.**

**Turning the TIME dial clockwise will increase the length of time the unit will activate for once triggered.**

### Manual override facility

If the fitting is wired to a manual switch, the sensor can be overridden by, starting from the on position, turning the switch off and back on twice within the space of three seconds. The fitting will then stay illuminated until it is manually switched off.

To set the fitting back to sensor control, switch it off and leave off for fifteen seconds or more before switching the power back on.

# PC-900-00-B-W-1 Photocell

WALL MOUNT



Power Input	220-240V AC 50/60hz	
Working temperature	-25°C +55°C	
Working humidity	<93%RH	
Suggested installation height	2.5-3.5m	
Detection angle/distance	160° / 10 metres	
Operating light levels	On : <20 LUX	Off : >80 LUX
Connection	Connects only to Loxa Plug-and-Play fittings	



1M EXTENSION FLEX  
EF-900-00-B-1-1



3M EXTENSION FLEX  
EF-900-00-B-3-1

## INSTALLATION INSTRUCTIONS

### Operation

The Photocell switch is governed by ambient light levels. Position and fix the Photocell to a suitable wall where its operation will not be affected by light from the fitting that it is controlling

### Connection

Remove (unscrew) and store safely the plastic dust cap and 'O' ring **A** on the underside of the floodlight. Remove (pull out) and store safely the exposed jumper **B** from the three pin female connector.

**Note:** you will need to replace the dust cap, 'O' ring and jumper should you wish to revert the floodlight to standard (non Photocell) operation.

**Caution - the jumper must be refitted in the 'flat to flat' position as aligned with the three pin female connector.**

Push fit the Photocell three pin male connector **C** into exposed three pin female connector **D** on the floodlight. The connectors will only fit in the 'flat to flat' position. Screw on the retaining ring **E** to finger tightness. Do not overtighten.

### Testing

To test for correct operation cover the photocell with the packing box, after a short delay, 15 - 120 seconds, the photocell will operate and power will be applied to the load. If tested in bright daylight after a similar delay the photocell will turn off the power to the load when the packing box is removed.

