



NET LED Motion and Photocell Sensor PIR Movement Detector Installation Guide

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MOTION AND PHOTOCELL SENSOR INSTALLATION GUIDE

MOTION AND PHOTOCELL SENSOR NET-42-04-39

KEY DATA

Input Voltage AC	220-240V
Power Frequency	S0/60Hz
Maximum Load	250W
Maximum Detection Distance	>6m
Detection Angle	150*
Operating Temp.	1ST to +45T
Duration	5 sec -30 min
Lux Levels	2 -100 Lux or Disabled
IP Rating	IP65
Manufacturer	Merrick

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Safety Information

All electrical work must be undertaken by a qualified contractor to ensure compliance with the latest edition B57671 and IEE/IET wiring regulations.

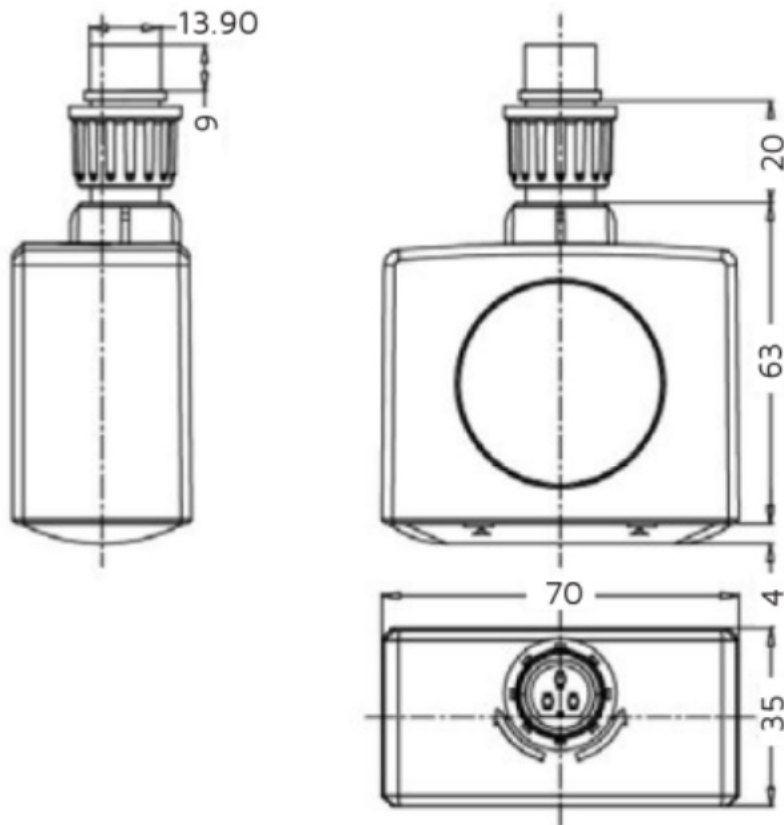
> Before installing the Motion and Photocell Sensor or doing any maintenance, ensure the power supply is turned off at the circuit breaker or fuse box.

> This product is designed for permanent connection to fixed wiring; the circuit should be protected with the appropriate MCB or fuse.

Environment

> Please DO NOT dispose of electrical items or packaging as unsorted waste. Use the recycling facilities provided by your local authorities.

PRODUCT DIMENSIONS



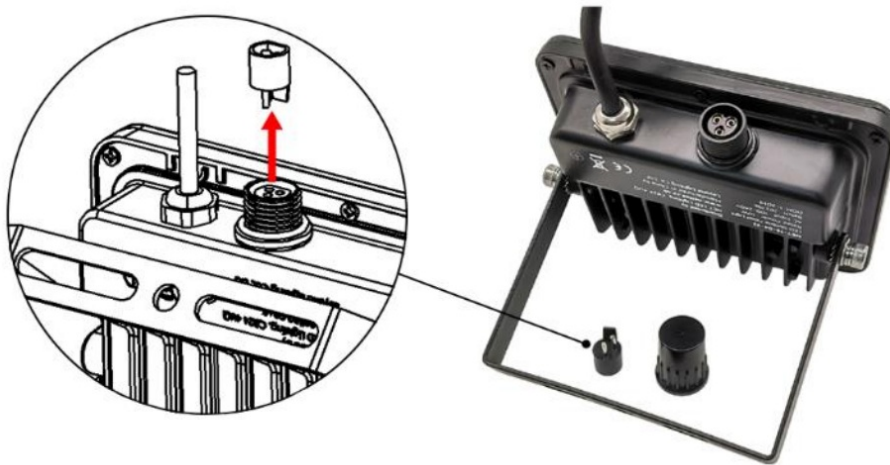
Installation procedure: Carefully read the instructions and ensure the mains supply is isolated before installation. Please follow the safety information overleaf before carrying out any installation. Please retain this leaflet for future reference.

Motion and Photocell Sensor Installation:

Step 1: Remove the cap from the bottom of the Floodlight.



Step 2: Remove the shorting plug to expose the three-pin connector.



Step 3: Insert the motion/photocell sensor into the 3 pin connector.



NB: Ensure shorting plug is removed before the sensor is fitted.

Step 4: Remove the waterproof cover on the bottom of the motion/photocell sensor. Configure the switches to set the desired functions using the table below.



The detection area can be changed by selecting the combinations below on the DIP switches. Maximum detection area 12m.

Refers to the time period the lamp remains at 100% illumination after no motion is detected.

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of the ambient light level.



Detection Area

1	2	
Up	Up	100%
Down	Up	75%
Up	Down	50%
Down	Down	25%

Hold Time

3	4	5	
UP	UP	UP	5S
DOWN	UP	UP	The 30S
UP	DOWN	UP	min
DOWN	DOWN	UP	3min
UP	UP	DOWN	20min
DOWN	DOWN	DOWN	30min

Daylight Sensor

6	7	8	Daylight Threshold	Photocell Open/Close
UP	UP	UP	2Lux	10/50Lux
DOWN	UP	UP	10Lux	25/75Lux
UP	DOWN	UP	25Lux	50/100Lux
DOWN	DOWN	UP	50Lux	100/200Lux
UP	UP	DOWN	100Lux	150/300Lux
DOWN	DOWN	DOWN	Disable	Disable

Mode

9	
UP	Motion
DOWN	Photocell



theLIA



Certificate No. FS 571788



Certificate No. EMS 571787

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Documents / Resources



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