Safety Information

>All electrical work must be undertaken by a qualified contractor to ensure compliance with latest edition BS7671 and IEE/IET wiring regulations.
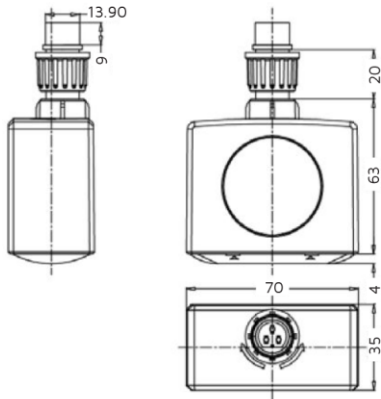
> Before installing the Motion and Photocell Sensor or doing any maintainance, ensure power supply is turned off at the circuit breaker or fuse box.

> 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

13.90

9

20

63

4

70

35

All units are in mm

Important Warranty Information

The Motion and Photocell Sensor has a 3 year warranty. To claim, you must provide the product part number and date of manufacture, which can be found on the label attached to the sensor housing along with the original purchase invoice.

theLIA
MEMBER

LED Luminaires
and Retrofit Bulbs
Licensing Program

Member
NET LED Ltd

ENABLED

bsi. ISO 9001 Quality Management

Certificate No. FS 571788

bsi. ISO 14001 Environmental Management

Certificate No. EMS 571787

NET LED Ltd.
Buckingway Business Park
300 Anderson Road
Cambridge
CB24 4UQ
sales@netled.co.uk
www.netled.co.uk

Technical Helpline: 01223 851505
Email: support@netled.co.uk

www.netled.co.uk/downloads

MOTION AND PHOTOCELL SENSOR INSTALLATION GUIDE

MOTION AND PHOTOCELL SENSOR
NET-42-04-39

KEY DATA

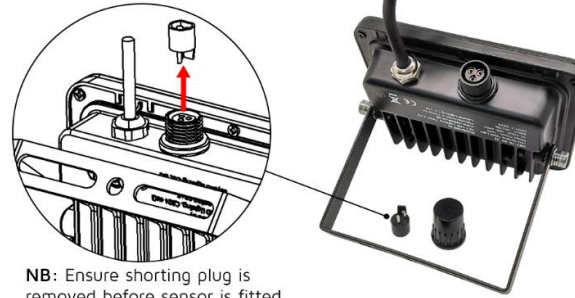|	
Input Voltage AC	220-240V
Power Frequency	50/60Hz
Maximum Load	250W
Maximum Detection Distance	>6m
Detection Angle	150°
Operating Temp.	−15°C to +45°C
Duration	5 sec - 30 min
Lux Levels	2 - 100 Lux or Disabled
IP Rating	IP65
Manufacturer	Merrytek

UKCA CE

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. Pleaseretain this leaflet for future reference.

Motion and Phtocell Sensor Installation:

Step 1: Remove the cap from the bottom of the Flood light.

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

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

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

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.

UP

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 defived ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of 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	30S
UP	DOWN	UP	1min
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