SENSORS

The floodlights supplied with a photocell installed simply turn 'ON' once the light level has dropped below 10-20 Lux with the light turning 'OFF' once sufficient daylight is detected above 30-60 Lux.

The floodlights fitted with a PIR (Passive Infrared Sensor) have three settings available on the rear of the sensor housing.

SENS   TIME   LUX

SENS: Enables the sensitivity / distance to be set to help avoid accidental triggering from pets etc.

TIME: Set the 'ON' time when the PIR is activated (From 10 Seconds To 10 Minutes)

LUX: Set the desired light level (2 to 2000 Lux)for when the light will turn 'ON'.

Note: The three dials situated on the rear of the PIR will be set to the following parameters:
Lux: set to Minimum (Night)
Time: set to Minimum (10 Seconds)
Sens: set to Maximum (10 Metres)

The PIR sensor may be over-ridden if the live supplying the fitting/PIR has an inline switch installed. Turning the switch 'Off' and 'On' twice within 3 seconds will enable the light to remain 'On' over-riding the PIR. To cancel the over-ride, turn the light 'Off' and then turn back 'On', the PIR will be enabled.

Note: Ensure all sensors are not covered and kept free of dirt. Wipe with a clean damp cloth, do not use cleaning or abrasive products.

SPECIFICATIONS:

	OV10110**#	OV10120**#	OV10130**#	OV10150**#
Input Voltage/Frequency	230V∼ 50/60Hz			
Wattage	10W	20W	30W	50W
Body Dimensions	101mm x 125mm x 28.5mm	129mm x 151mm x 31mm	163mm x 186mm x 34mm	193mm x 227mm x 37mm
Depth With 30° Bracket	61mm	61mm	61mm	61mm
IP Rating	IP65			

	OV10110**#PIR	OV10120**#PIR	OV10130**#PIR	OV10150**#PIR
Wattage	10W With PIR	20W With PIR	30W With PIR	50W With PIR
Body Dimensions	101mm x 157mm x 56mm	129mm x 183mm x 58mm	163mm x 212mm x 61mm	193mm x 257mm x 63mm
Depth With 30° Bracket	93mm	93mm	93mm	93mm
PIR Detection Range	180° Angle Up to 10 Metres			
IP Rating	IP65			

Body Colour**	RAL 9003 (Signal White) or RAL 9004 (Signal Black)
Colour Temperature#	3000K (Warm White) or 4000K (Cool White)
Supply Connection	Pre-wired Cable 3G 1.00mm² H05RN-F (1M Long)
IK Rating	IK06
Body Material	Powder Coated Diecast Aluminium, Glass Prismatic Diffuser
Warranty	3 Years

	OV101100BKCW	OV101150BKCW	OV1011200BKCW	OV1011300BKCW
Input Voltage/Frequency	230V∼ 50/60Hz			
Wattage	100W	150W	200W	300W
Body Dimensions	303mm x 356mm x 70mm	303mm x 356mm x 70mm	364mm x 421mm x 72mm	429mm x 471mm x 70mm
Depth With 30° Bracket	188mm	188mm	200mm	183mm

	OV101100BKCWPC	OV101150BKCWPC	OV1011200BKCWPC	OV1011300BKCWPC
Wattage	100W With Photocell	150W With Photocell	200W With Photocell	300W With Photocell
Body Dimensions	306mm x 326mm x 70mm	306mm x 326mm x 70mm	364mm x 421mm x 72mm	429mm x 471mm x 70mm
Depth With 30° Bracket	188mm	188mm	200mm	183mm
Photocell Operation	10-20 Lux (Turns Light ON), 30-60+ Lux (Turns Light OFF)			

Colour Temperature	4000K (Cool White)
Supply Connection	Pre-wired Cable 3G 1.00mm² H05RN-F (1M Long)
IK Rating	IK07
IP Rating	IP65
Body RAL Colour	RAL 9004 (Signal Black)
Body Material	Powder Coated Diecast Aluminium, Glass Prismatic Diffuser
Warranty	3 Years

COMPLIANT WITH:

The range of floodlights have been tested and comply with the following:

- LV (2014/35) & EMC (2014/30) Statutory Instruments & Directives
- BS EN 60598-1
- BS EN 60598-2-5

- BS EN 62471
- BS EN 62493
- BS EN 55015

- BS EN 61000-3-2
- BS EN 61000-3-3
- BS EN 61547

Errors & Omissions excluded. Specification is subject to change without notice.

OVIA®
PATHFINDER

GENERAL INFORMATION

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCE.

Electrical products can cause death or injury, or damage to property.
If in any doubt about the installation or use of this product, consult a competent electrician.

- Before commencing any electrical work, ensure the mains isolator on the consumer unit / fuse board is in the 'OFF' position, to prevent the possibility of electric shock.

- Before commencing installation, ensure the fitting is complete with the fixings required.

- The fitting should be mounted on a smooth, flat surface, noting the position of any pipes or wiring behind the fixed surface to prevent the risk of damage.

- Installation should be carried out in accordance with the latest edition of the National Wiring Regulations. If in any doubt please consult a qualified electrician.

- The LED light source is not dimmable.

- The LED light source is replaceable by professionals only.

- The manufacture reserves the right to improve the product specification without prior notice.

10W to 50W RANGE OVERVIEW

230V~ IP65 LED Floodlights
- OV10110**# - 10W LED Floodlight
- OV10120**# - 20W LED Floodlight
- OV10130**# - 30W LED Floodlight
- OV10150**# - 50W LED Floodlight

Replace ** with finish: BK (Black) or WH (White).
Replace # with colour temperature: CW (Cool White - 4000K) or WW (Warm White - 3000K)

Note: All floodlights are prewired with 1 metre 3 core power supply cable.

230V~ IP65 LED Floodlights With PIR (Including Over-ride Facility)
- OV10110**#PIR - 10W LED Floodlight With PIR
- OV10120**#PIR - 20W LED Floodlight With PIR
- OV10130**#PIR - 30W LED Floodlight With PIR
- OV10150**#PIR - 50W LED Floodlight With PIR

100W to 300W RANGE OVERVIEW

230V~ IP65 LED Floodlights (Cool White)
- OV101100BKCW - 100W LED Floodlight - Black
- OV101150BKCW - 150W LED Floodlight - Black
- OV101120BKCW - 200W LED Floodlight - Black
- OV101130BKCW - 300W LED Floodlight - Black

230V~ IP65 LED Floodlights With Photocell Sensor (Cool White)
- OV101100BKCWPC - 100W LED Floodlight With Photocell - Black
- OV101150BKCWPC - 150W LED Floodlight With Photocell - Black
- OV101120BKCWPC - 200W LED Floodlight With Photocell - Black
- OV101130BKCWPC - 300W LED Floodlight With Photocell - Black

Note: All floodlights are prewired with 1 metre 3 core power supply cable.

INSTALLATION

Using suitable fixings and screws for the fitting to be installed, mark the fixing points on to the suitably fixed surface. Recommended installation height 1.8 to 2.5 metres.

To aid installation it may be necessary to remove the bracket from the main fitting. Make note of the location of washers when removing the bolts retaining the bracket.

Locate and drill the required holes if necessary. Fit the suitable fixings and screw the bracket in to position ensuring it is secure.
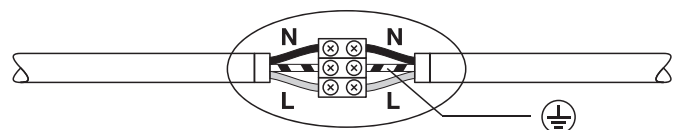
Reinstall the fitting to the bracket using the original bolts and washers removed, tighten the bolts sufficiently to hold the fitting at the desired angle. Do not overtighten the bolts!

WIRING INSTRUCTIONS

Ensure the 3 core cable is terminated to the 230V~ power supply.

Note: The range of Pathfinder floodlights must be earthed.

The pre-wired floodlights are IP rated. To retain the fitting's respective IP rating (IP65), either inline IP rated connectors or IP rated adaptable boxes must be used.

Live: Brown
Neutral: Blue
⏚:   Green/Yellow

Note: The floodlights with a PIR fitted have the facility to be over-ridden when an inline switch (switching the live) is installed. See the 'Sensors' section for more information.