

Outdoor Infrared Sensors

The Arctic Owl Outdoor Infrared Sensor uses Passive Infrared technology. Available with or without manual override for greater convenience.



110° Detection



180° Detection

Order Codes

OWPIROD, OWPIRODLO
OWPIRODBK, OWPIRODLOBK
OWPIROD180, OWPIROD180BK

OW = Arctic Owl PIR = Passive Infrared OD = Outdoor
LO = Less Override 180 = 180° Detection BK = Black



Available through your Electrical Wholesaler



Trader's Arctic Owl Outdoor Infrared Sensor is ready for use by Australian Electrical Contractors.

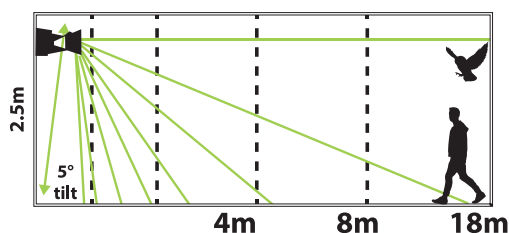
OWPIROD, OWPIRODBK & OWPIRODLO, OWPIRODLOBK

- Sensor uses Passive Infrared technology
- OWPIROD models can be manually overridden with built-in override function.
- OWPIRODLO models can be overridden with separate override switches.
- 110° detection up to 18 metres.
- Suitable for installing on walls and ceiling both interior and exterior.
- Fits standard mounting blocks using 84mm centres (example: HYSMB2025).
- 3 wire design (Active, Neutral, Sensor load) for greater reliability.
- Relay in circuit allows for loads up to 2400W (incandescent).
- Easy mounting and adjustment.
- Easy sensing, light level and on time adjustment.
- LED compatible.
- IP66 Rating.
- Minimum load <10W .
- Must be installed by a licensed electrician.
- Colours available: Beige or Black.

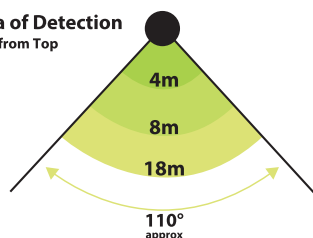
Product Specification

Voltage	220-240V/AC
Time Duration	5 seconds to 10 minutes (time button is adjustable)
Time Delay	Minimum: 5 -10 seconds on initial power up at installation
Detection Method	Passive Infrared
Detection Angle	Up to 110°
Lux Control Level	<2 LUX
Detection Distance	Up to 18m depending on installation variable
Load	2400W incandescent / 1200W inductive
Power Consumption	0.7W
SBL-LED	100W

Elevated View



Area of Detection
View from Top



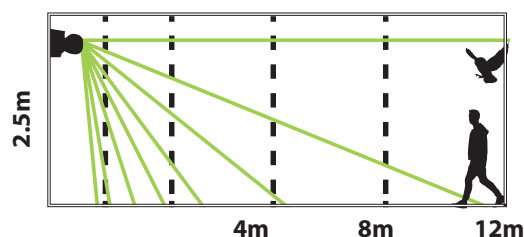
OWPIROD180, OWPIROD180BK

- Sensor uses Passive Infrared technology.
- Manual override for greater convenience.
- 180-degree detection with range of 12m at a height of 1.8m - 2.5m.
- "ON" time between 10 seconds and 10 minutes between sensing triggers.
- 3 wire design (Active, Neutral, Sensor load) for greater reliability.
- Easy mounting and adjustment.
- Suitable for installing on walls and ceiling both interior and exterior.
- Easy light level and on time adjustment.
- Rated Load: 1200W Max and 300W for fluoro energy saving lamps.
- LED compatible .
- IP44 Rating.
- Must be installed by a licensed electrician.
- Colours available: Beige or Black.

Product Specification

Power Source	220-240V/AC
Power Frequency	50Hz
Power Consumption	0.75W
Rated Load	1200W max Tungsten/Incandescent 300W max Fluorescent 100W LED (SBL)
Detection Angle	180°
Working Temperature	-10°C ~ +40°C
Working Humidity	<93%RH
Installation Height	1.8m~2.5m
Detection Motion Speed	0.6-1.5m/s
Weather Protection	IP44
Time Delay	min:10sec±3sec max: 10min±2min Light-control : <3LUX- daylight (adjustable) Detection

Elevated View



Area of Detection
View from Top

