

## OWPIR360RS



### Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended. It is important to ensure that switches are turned off before cleaning.

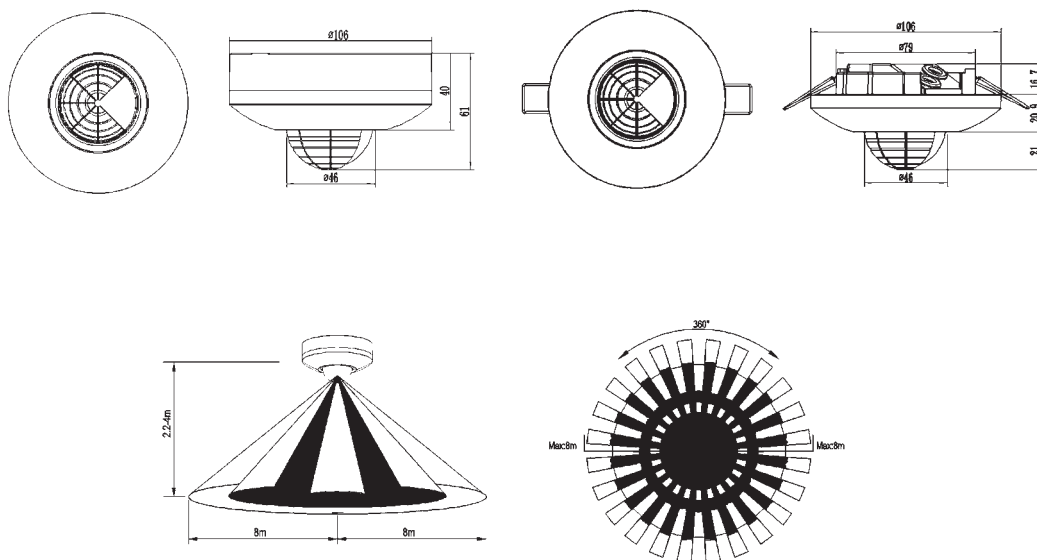
Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.



## Arctic Owl Infrared Motion Sensor Outdoor 360° Detection Recess or Surface Mount

- Sensor uses Passive Infrared Technology.
- Manual override.
- Comes with accessories to allow it to be fitted both as recessed mount where it clips into the hole in the ceiling or as surface mounting with a rear housing mounted to the ceiling surface.
- 360 degree detection with range of 8m radius at a height of 2.2m - 4m.
- "ON" time between 10 seconds and 30 minutes - between sensing trigger.
- Easy mounting and adjustment.
- Parallel connections with multiple fittings.
- Rated Load: 2000W Max and 1000W for fluoro energy saving lamps.
- SBL (LED): 400W
- 85mm cut out.
- Colours available: White
- Depth into ceiling 20mm.
- IP44



Catalogue Number	Description
OWPIR360RS	Motion Sensor Passive Infrared Outdoor IP44 360 Degree 8m Detection Recess or Surface Mount

### Certification Number:

GMA-515322

### GSM Electrical (Australia) Pty Ltd

Level 2, 142-144 Fullarton Road, Rose Park SA 5067  
P: 1300 301 838 F: 1300 301 778 E: service@gsme.com.au  
[www.gsme.com.au](http://www.gsme.com.au)



Data Specification Sheet  
240404

**OWPIROD  
OWPIRODBK  
OWPIRODLO  
OWPIRODLOBK**



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## Arctic Owl Outdoor Infrared Sensor

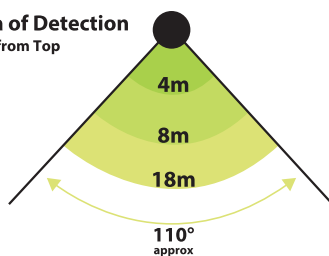
- Sensor uses Passive Infrared technology
- OWPIROD models can be manually overridden with built-in override function.
- OWPIRODLO models can be overridden with separate override switches.
- 110° detection up to 18 metres
- Suitable for installing on walls and ceiling both interior and exterior
- Fits 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 licenced electrician
- Screw caps included
- Colours available: Beige or Black

**Product Specification**

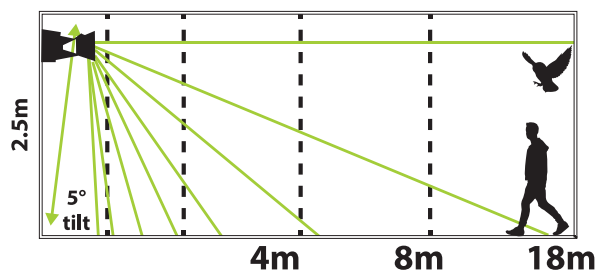
Voltage	220-240V/AC
Time Duration	5 seconds to 10 minutes (time button is adjustable)
Time Delay	Minimum: 5 -10 seconds on initial power up at installation
Detection Method	Passive Infrared
Detection Angle	Up to 110°
Lux Control Level	<2 LUX
Detection Distance	Up to 18m depending on installation variable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

Catalogue Number	Description
OWPIROD	Passive Infrared Outdoor Sensor IP66 3 Wire Angle 110 degrees 18 metre detection
OWPIRODBK	Passive Infrared Outdoor Sensor IP66 3 Wire Angle 110 degrees 18 metre detection, Black
OWPIRODLO	Passive Infrared Outdoor Sensor IP66 3 Wire Angle 110 degrees 18 metre detection, Less Override
OWPIRODBKLO	Passive Infrared Outdoor Sensor IP66 3 Wire Angle 110 degrees 18 metre detection, Black, Less Override

**Area of Detection**  
View from Top



**Elevated View**



**Certification Number:**  
GMA-515865

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Data Specification Sheet  
230704

**OWPIROD180  
OWPIROD180BK**



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Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

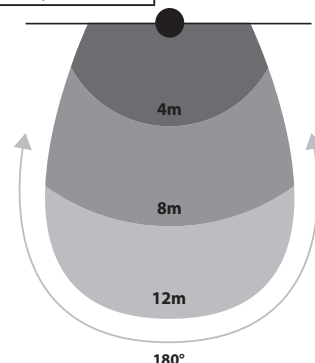
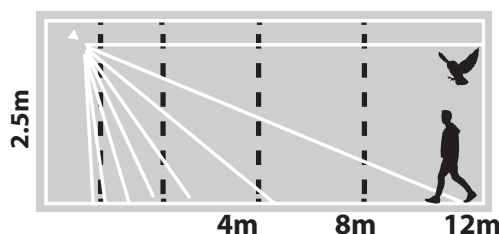


## Arctic Owl Infrared Motion Sensor 180°

- 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
- Must be installed by a licenced electrician
- Colours available: Beige or Black.

**Specifications**

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



Catalogue Number	Description
OWPIROD180	Motion Sensor Passive Infrared Outdoor IP44 180°
OWPIROD180BK	Motion Sensor Passive Infrared Outdoor IP44 180° Black

**Certification Number:**

GMA-514568

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Data Specification Sheet  
February 2023

**OWPIR360  
OWPIR360BK**



**Cleaning Guide:**

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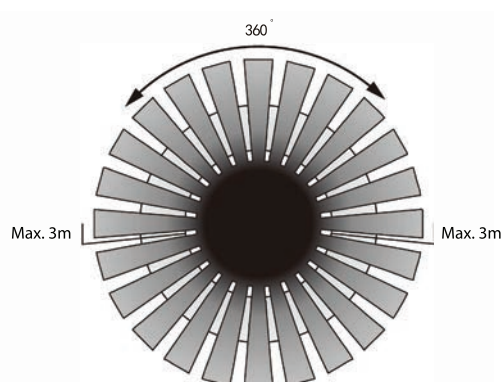
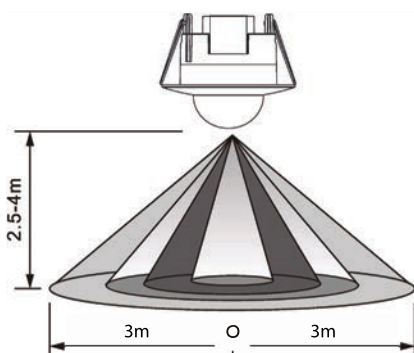


## Arctic Owl Infrared Motion Sensor Indoor 360°

- Sensor uses Passive Infrared Technology.
- Manual override.
- 360 degree detection with range of 3m radius at a height of 2.4m - 4m.
- "ON" time between 10 seconds and 7 minutes - between sensing trigger.
- Suitable for loop in / loop out applications in ceilings.
- Easy mounting and adjustment.
- Parallel connections with multiple fittings.
- Rated Load: 2000W Max and 1000W for fluoro energy saving lamps.
- SBL (LED): 300W
- 63mm cut out.
- Colours available: White or Black.
- Depth into ceiling 57mm.
- Larger Terminals.

**Specifications**

<b>Detection Range:</b>	360°
<b>Detection Distance:</b>	3m max (<24°C)
<b>Time-Delay / 'Switch On' Duration:</b>	Min. 10sec±3sec
	Max. 7min±2min
<b>Installing Height:</b>	2.2m - 4m
<b>Power Consumption:</b>	<0.9W
<b>Power Sourcing:</b>	220V/AC-240V/AC
<b>Power Frequency:</b>	50/60Hz
<b>Working Temperature:</b>	-20 > +40°C
<b>Ambient Light:</b>	<5-2000LUX (Adjustable)
<b>Rated Load:</b>	2000W (incandescent lamp)
	1000W (energy-saving lamp)
<b>Working Humidity:</b>	<93%RH
<b>Detection Motion Speed:</b>	0.6 - 1.5m/s
<b>SBL (LED)</b>	300W



Catalogue Number	Description
OWPIR360	Infrared Motion Sensor, Indoor 360°
OWPIR360BK	Infrared Motion Sensor, Indoor 360°, Black

**Certification Number:**  
GMA-508473

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Data Specification Sheet  
240404



**OWPIR360S  
OWPIR360SBK**



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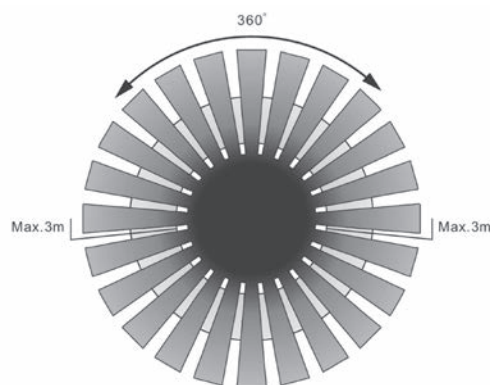
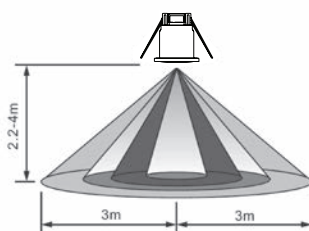


## Arctic Owl Infrared Motion Sensor Indoor 360° Small

- Sensor uses Passive Infrared Technology.
- Manual override for greater convenience.
- 360 degree detection with range of 3m radius at a height of 2.4m - 4m.
- "ON" time between 10 seconds and 7 minutes - between sensing trigger.
- Suitable for loop in / loop out applications in ceilings.
- Easy mounting and adjustment.
- Parallel connections with multiple fittings.
- Rated Load: 800W Max and 400W for fluoro energy saving lamps.
- SBL (LED): 100W
- 40mm cut out.
- Colours available: White or Black.
- Depth into ceiling 51mm.
- Larger Terminals.

**Specifications**

<b>Detection Range:</b>	360°
<b>Detection Distance:</b>	3m radius max (<24°C)
<b>Time-Delay / 'Switch On' Duration:</b>	Min. 10sec±3sec
	Max. 7min±2min
<b>Installing Height:</b>	2.2m - 4m
<b>Power Consumption:</b>	<0.9W
<b>Power Sourcing:</b>	220V/AC-240V/AC
<b>Power Frequency:</b>	50/60Hz
<b>Working Temperature:</b>	-20 > +40°C
<b>Ambient Light:</b>	<10-2000LUX (Adjustable)
<b>Rated Load:</b>	800W (incandescent lamp)
	400W (energy-saving lamp)
<b>Working Humidity:</b>	<93%RH
<b>Detection Motion Speed:</b>	0.6 - 1.5m/s
<b>SBL (LED)</b>	100W



Catalogue Number	Description
OWPIR360S	Infrared Motion Sensor, Indoor 360°, Small
OWPIR360SBK	Infrared Motion Sensor, Indoor 360°, Small, Black

**Certification Number:**  
GMA-508473

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