BRITISHELECTRICLAMPSLIMITED

Aqua Sensor Professional Series 2D

With Optional Microwave Sensor

06680	16w	Aqua 2D IP65	White	240v
06681	16w	Aqua 2D IP65	Chrome	240v
06682	16w	Aqua 2D IP65	Satin	240v
06685	28w	Aqua 2D IP65	White	240v
06686	28w	Aqua 2D IP65	Chrome	240v
06687	28w	Aqua 2D IP65	Satin	240v
06690	28w	Aqua 2D IP65 With Sensor	White	240v
06693	28w	Aqua 2D IP65 With Sensor	Chrome	240v
06694	28w	Aqua 2D IP65 With Sensor	Satin	240v
06696	28w	Aqua 2D IP65 Emergency	White	240v
06697	28w	Aqua 2D IP65 Emergency	Chrome	240v
06698	28w	Aqua 2D IP65 Emergency	Satin	240v
06692	28w	Separate Emergency Gear Tray		240v
08266		Microwave Sensor		240v
06695		Microwave Sensor with IP65 box		240v
09891		Trade Counter Display Board for Aqua Sensor fitting		

All supplied complete with BELL fluorescent 2D lamp

Aqua 2D Front View

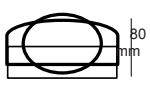
Separate Emergency Gear Tray

IP65 Sensor Box

Microwave Sensor

16w Aqua 2D

28w Aqua 2D

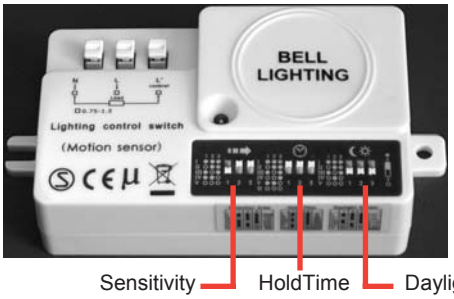


ensorBox

FOR FULL DETAILS CONTACT THE MICO SALES DESK – 0113 2567117

Aqua Sensor Professional Series 2D

Motion Sensor Settings



Sensor Specifications

Max Load	1000w (incandescent bulbs), 400w (fluorescent lamps)
Standby Power	220-240v 50/60Hz
Interface	3 pole pluggable terminal block (N,L,L) for 1.5mm² cable
Sensor Principle	Microwave Motion detector
Microwave Frequency	5.8 GHz +/- 75 MHz
Microwave Power	< 1mw
Operating Temperature Range	-35ºC to +70ºC

- Microwave sensor available complete with fitting or as a remote unit with it's own casing.
- Master fitting with sensor can activate slave fittings with up to 400w (fluorescent) and 1000w (incandescent) lamps.
- Detection range from 1m to11m, with variable hold time from 5 seconds to 25 minutes*.
  *Note: For use with 2D lamps hold time is recommended at minimum 20 minutes.
- Daylight sensor range from 2 lux to 30 lux, with 5 settings.
- Operates regardless of background temperature (eg. cold stores).
- Not susceptible to dust build up or debris.
- Sensor life span 50,000+ hours.

Why use Microwave technology instead of Infrared?

The BELL Aqua with sensor utilises the latest microwave technology instead of the often used infra red (PIR) type of sensor.

Microwave sensors offer outstanding benefits in comparison with PIR sensors.

MICROWAVE Motion Sensor ADVANTAGES

- Activated by motion, speed and size. Detects actual movement in range and does not rely on detecting heat.
- Operates regardless of background temperature. Unaffected by changes in cold areas where insulating clothing is being used. (e.g. cold stores or ski lodges)
- Not susceptible to dust build up or debris.
- Stable and reliable.
- Long Life span 50000+ hours.

INFRARED Motion Sensor DISADVANTAGES

- Activated by infrared, i.e. heat and light. False triggering of sensor by reflections of sunlight, radiators, etc.
- Poor operation when background temperature is high. Sensor can have difficulty in detecting body heat against hot surfaces, e.g. walls that have been warmed by the sun or radiators.
- Operation can be affected by dust and blocking objects, e.g. leaves and insects.
- Lens sensitivity reduces with age.
- Short life span 20000 hours.

MICO LIGHTING LTD

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