

Microwave Movement Sensor

This product is fitted with a microwave movement sensor. Please see below detailed operating instructions.

Technical Specifications:

Operating voltage	220 ~ 240V AC 50/60Hz	
Rated load	400W (Capacitive load) 800W (Resistive load)	
Stand-by power	≤ 0.5W	
Sensitivity	Ceiling mounted height: 3m	100% / 75% / 50% / 25% / 10%
	Ceiling mounted height: 6m*	100% / 75% / 50%
	Wall mounted height: 2m	100% / 75% / 50% / 25% / 10%
Hold-time	5s / 30s / 90s / 3min / 20min / 30min	
Daylight sensor	2Lux / 10Lux / 25Lux / 50Lux / Disable	
Microwave frequency	5.8 GHz ±75MHz	
Transmitting power	1mW Max.	
Detection range	Ceiling mounted height: 3m	3- 6m (radius)
	Wall mounted height: 1.5-2m	12-15m
Detection angle	360° (Ceiling) / 120° (Wall)	
Working temperature	-20°C ~ 60°C	

*50%, 75%, 100% detection sensitivity is workable when installed at 6m mounting height. Only 10%, 25% sensitivity is not able to detect motion signal.

Settings:

I – 100%
II – 75%
III – 50%
IV – 25%
V – 10%

	1	2	3	
I	●	●	●	100%
II	○	●	●	75%
III	●	○	●	50%
IV	○	○	●	25%
V	○	○	○	10%

I – 5s
II – 30s
III – 90s
IV – 3min
V – 20min
VI – 30min

	4	5	6	
I	●	●	●	5s
II	○	●	●	30s
III	●	○	●	90s
IV	○	○	●	3min
V	●	●	○	20min
VI	○	○	○	30min

I – 2Lux
II – 10Lux
III – 25Lux
IV – 50Lux
V – Disable

	7	8	9	
I	●	●	●	2Lux
II	●	○	○	10Lux
III	○	●	●	25Lux
IV	○	○	○	50Lux
V	○	○	○	Disable*

I – 100%
II – 75%
III – 50%
IV – 25%
V – 10%

	1	2	3	
I	●	●	●	100%
II	○	●	●	75%
III	●	○	●	50%
IV	○	○	●	25%
V	○	○	○	10%

I – 5s
II – 30s
III – 90s
IV – 3min
V – 20min
VI – 30min

	4	5	6	
I	●	●	●	5s
II	○	●	●	30s
III	●	○	●	90s
IV	○	○	●	3min
V	●	●	○	20min
VI	○	○	○	30min

I – 2Lux
II – 10Lux
III – 25Lux
IV – 50Lux
V – Disable

	7	8	9	
I	●	●	●	2Lux
II	●	○	○	10Lux
III	○	●	●	25Lux
IV	○	○	○	50Lux
V	○	○	○	Disable*

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Trouble shooting:

Malfunction	Cause	Remedy
The light will not come on	Incorrect light-control setting selected	Adjust daylight threshold setting
	Faulty lamp	Replace lamp
	No power supply	Check power to sensor
The lamp is always on	Continuous movement in the detection zone	Check detection area setting
The lamp is on without any identifiable movement	The sensor is not mounted for reliably detecting movement	Securely mount enclosure
	Movement occurred, but not identified by the sensor (Movement behind wall, movement of small object in immediate lamp vicinity etc.)	1. Reduce sensitivity. 2. Check the movement behind walls to avoid facilities such as water pipe, fan, which may mis-trigger the sensor.
The lamp will not work despite movement	Rapid movements are being suppressed to minimize malfunctioning or the detection radius is too small.	Check detection area setting

Care and Safety

- We recommend cleaning with a soft dry cloth. Do not use solvents or abrasive cleaners as these could damage the finish.
- For your safety, always switch off the power supply before cleaning.

Instruction leaflet

Vigor LED MV Bulkhead

50695







Thank you for purchasing this light fitting. Please read the instructions carefully before use to ensure safe and satisfactory operation of this product. Please retain these instructions for future reference.

Warning

<p>This is a Class 1 product and must be earthed.</p> <p>Please read these instructions carefully before commencing any work.</p> <p>This unit must be fitted by a competent and qualified electrician.</p> <p>Install in accordance with IEE Wiring regulations and current Building Regulations.</p> <p>To prevent electrocution switch off at mains supply before installing or maintaining this fitting. Ensure other persons cannot restore the electrical supply without your knowledge. If you are in any doubt, please consult a qualified electrician.</p>	<p>This light fitting should be connected to a circuit with a 30mA RCD fitted.</p> <p>If replacing an existing fitting, make a careful note of the connections.</p> <p>This system contains non-replaceable parts and cannot be serviced. If damage occurs the part should be scrapped.</p> <p>Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.</p>
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Technical data

Supply Voltage:	240V~, 50 Hz
Bulb Type:	16W LED module (SMD), 4000K
	Conformity with all relevant EC Directive requirements.
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.
	This is a Class 1 product and must be earthed.
	This product is not suitable for dimming.
IP65	This product is rated at IP65.

Layout

- Plan the desired layout of these fittings carefully, ensuring the cables will reach the distance between the junction box and the light fitting.
- Avoid locating any cables in positions that would cause a hazard. Position cables and junction boxes (not supplied) away from areas where they may be at risk from being cut, trapped or damaged.
- The mains supply cable must have a minimum cross section area of 1.0mm².
- Cables must be protected using suitable conduit or plastic trunking.
- The products can be wall or ceiling mounted. If wall mounting ensure that the power supply is at the bottom.

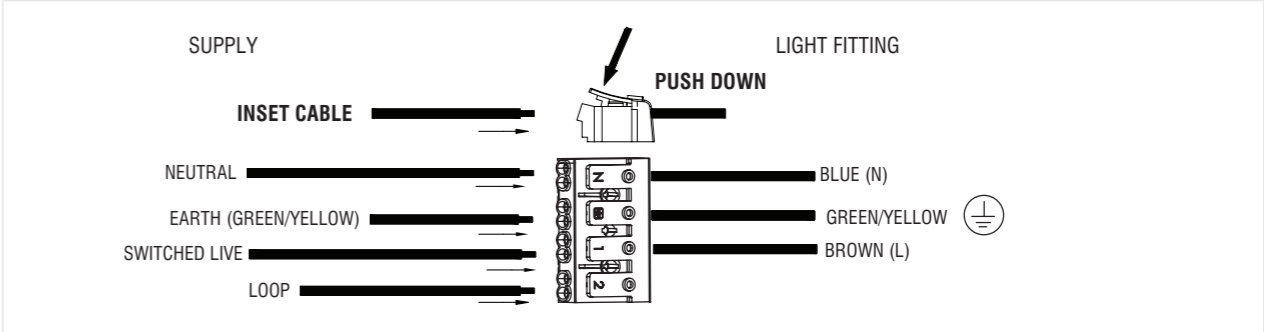
Installation

Existing fittings must be completely removed before installation of a new product. Before removing the existing fitting, **carefully note the position of each set of wires.**

- Note that the switch is turned off before installation.
- Open the shade and set aside.
- Hold the product in place and mark the position of the holes.
- Ensure the wall is capable of holding the weight of the product, or if fitting to a ceiling, ensure there is a joist at the point of fixing to support the weight of the product. Take care to avoid damaging any concealed wiring and pipes. The correct fixings should be used for brick, cavity walls or plasterboard.
- Fix into position.
- Pierce the hole in the grommet, and pull the cable through.
- Wire as detailed below.

Wiring

- Having correctly identified the wiring from your existing light fitting, pull the mains wire through the hole and connect to the quick fit connection block in the following way. No tools are necessary.



Check that...

- You have correctly identified the wires.
- The connections are tight.
- No loose strands have been left out of the connection block.

Commissioning

- Ensure that the screws and cable entry points are sealed to maintain the IP rating of the product.
- Refit the shade, ensuring that the seals are correctly located.
- Replace fuse or circuit breaker and switch on. Your light is now ready for use.

Fitting/replacing bulbs

- This system contains non-replaceable parts and cannot be serviced. If damage occurs the part should be scrapped.