

VIMAR 30186.G 1 Way Switch with Infrared Motion Sensor



VIMAR 30186.G 1 Way Switch with Infrared Motion Sensor Instructions

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VIMAR 30186.G 1 Way Switch with Infrared Motion Sensor



Specifications

- Controllable Loads:
 - 1000 VA
 - 700 VA

Product Usage Instructions:

Installation:

Installation should be carried out by qualified personnel following the regulations for electrical equipment installation in the country of use.

Features:

- 1-way switch with infrared motion sensor
- Motion detection facing down
- Designed for bedside applications
- Automatically switches on a courtesy step light in poor lighting conditions
- Adjustable dusk/dawn sensor threshold and timer cycle
- NO 6 A relay output
- Power Supply: 220-240 V~ 50-60 Hz

Recommended Use:

The device is suitable for use in applications where automatic lighting is desired for safety, such as bedside areas.

Standard Compliance:

- LV Directive
- EMC Directive
- EN 60669-2-1 Standard

FAQ:

- **What are the controllable loads for this product?**

The controllable loads are 1000 VA and 700 VA.

- **What is the power supply requirement for the device?**

The device requires a power supply of 220-240 V~ 50-60 Hz.

- **Can this device be used in areas other than bedside applications?**

Yes, it can be used in any application where automatic courtesy lighting is desired for safety purposes.




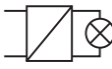
1-way switch with infrared motion sensor with field of motion detection facing down, not above the sensor installation height, devised for bedside applications to switch on a courtesy step light automatically when you get out of bed in poor lighting conditions, adjustable dusk/dawn sensor threshold and timer cycle, NO 6 A relay output, 220-240 V~ 50-60 Hz power supply.

The device can be used in all applications where you want to wake up safely with the courtesy light automatically switching on.

CHARACTERISTICS

- Power supply 220-240 V~ 50/60 Hz
- Relay output power NO 6 A
- Pyroelectric detector and Fresnel lens with volumetric cover as in figure 2.
- Front dusk/dawn sensor positioned under the Fresnel lens, with trigger threshold at about 5 lx at “day light”, adjustable with front trimmer (figure 1).
- Time delay switch from about 15 s to about 10 min, adjustable through front trimmer (fig. 1).
- Operating temperature: -5 – +35 °C.

CONTROLLABLE LOADS

- Resistance loads  : 6 A.
- Incandescent and halogen lamps  : 1000 W.
- Ferromagnetic transformers  : 1000 VA.
- Electronic transformers  : 700 VA.
- Fluorescent and compact fluorescent lamps: 60 W.
- LED lamps: 60 W; up to 6 connectable LED loads.

- Step marker lamp art. 30389.x.
- LED strips: 450 W.

- Motors  : 1,8 A cos φ 0,6.

OPERATING

- The sensor is activated, for the amount of time set and at a lighting level less than that selected, if any hot body passes through the activation field.
- When power is received for the first time or after a network interruption the outlet is activated for sensor warm-up (about 10 s) in addition to the set delayed turn-off time.
- The device is configured as a three-trigger mode”: if a the presence of a hot body is detected during time delay the count is cleared and the delay starts again
- At the end of every delay the motion detector is ignored for about 2 s.

CONNECTIONS

- Connect the device as indicated. The power circuits (L-N) should be protected against over-loading by installing a device, fuse or circuit breaker, with rated current not exceeding 10 A.
- Possibility to “by-pass” or break output circuits using normal circuit breakers.



INSTALLATION

- For installing from the inside.
- Flush mounting: 30 cm from the floor (figure 3).
- During installation:
 - do not place the device behind glass surfaces and make sure it is not subject to shocks or mechanical vibrations.
 - do not cover the motion detector.
 - do not expose the motion detector to direct light.
 - do not place the motion detector near heat sources.
- The device cannot be installed in places with:
 - constant temperature changes.
 - high levels of humidity.
 - the presence of gas, corrosive liquids or sea air.
 - dust.

INSTALLATION RULES

Installation should be carried out by qualified personnel in compliance with the current regulations regarding the installation of electrical equipment in the country where the products are installed.

STANDARD COMPLIANCE

LV directive. EMC directive. EN 60669-2-1 standard.

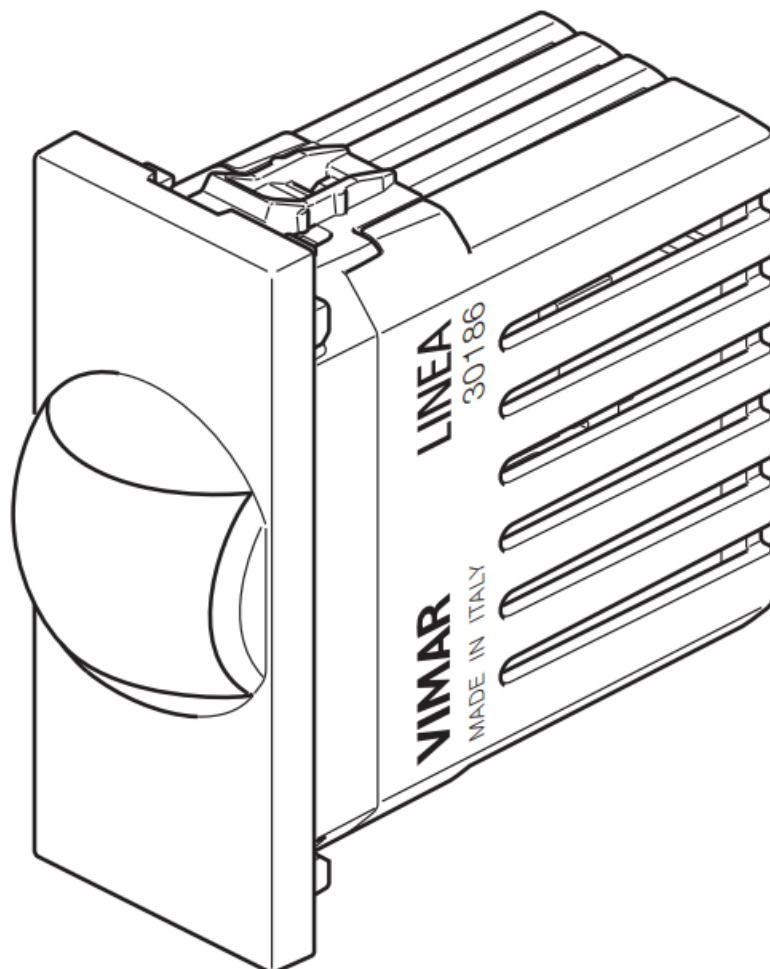
REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

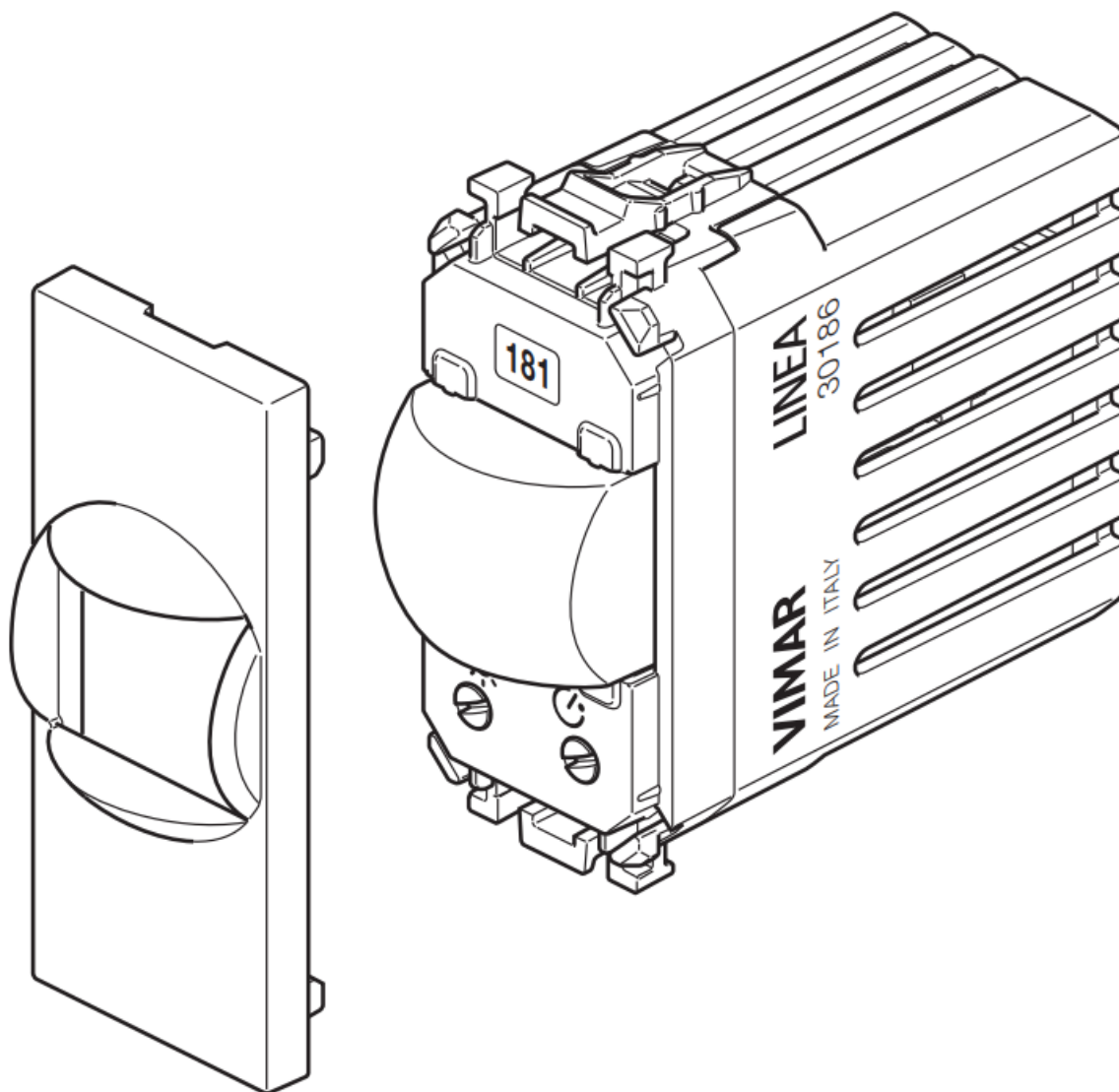
WEEE – Information for users

If the crossed-out bin symbol appears on the equipment or packaging, this means the product must not be included with other general waste at the end of its working life. The user must take the worn product to a sorted waste center, or return it to the retailer when purchasing a new one. Products for disposal can be consigned free of charge (without any new purchase obligation) to retailers with a sales area of at least 400 m², if they measure less than 25 cm. An efficient sorted waste collection for the environmentally friendly disposal of the used device, or its subsequent recycling, helps avoid the potential negative effects on the environment and people's health, and encourages the re-use and/or recycling of the construction materials.

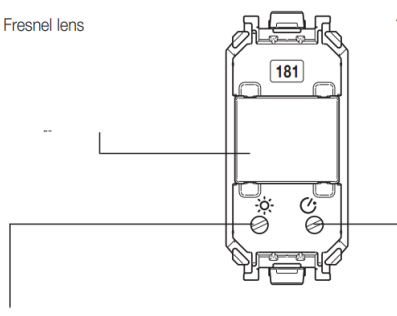







Remove the cover to access the settings



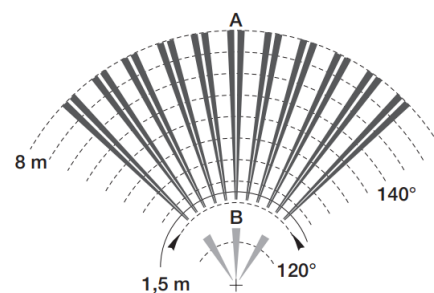
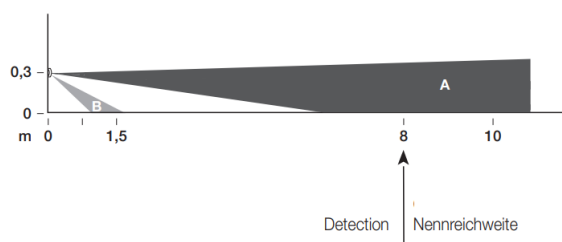


FRONT VIEW

<p>1</p> <p>Fresnel lens</p> <p>Timer adjustment</p> <p>Twilight sensor threshold adjustment</p> 		Regulations -		
				
		Only in the dark	Crepuscular	Always on
		~ 15 s ~ 15 ثانية	~ 5 min ~ 5 دقيقة	~ 10 min ~ 10 دقيقة

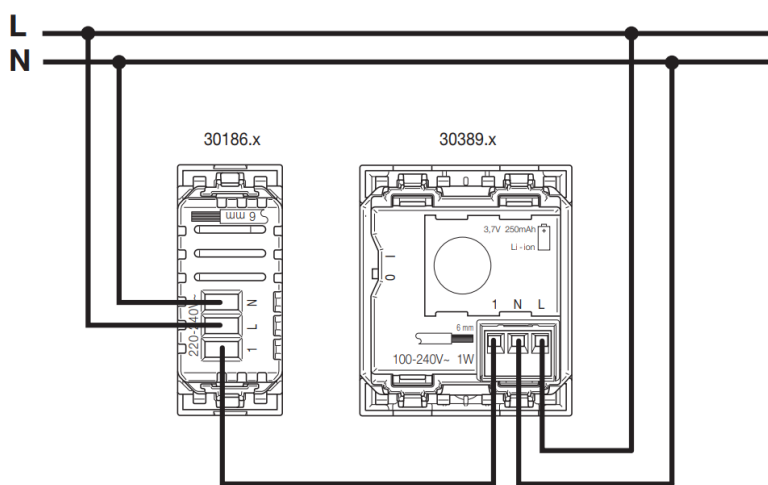
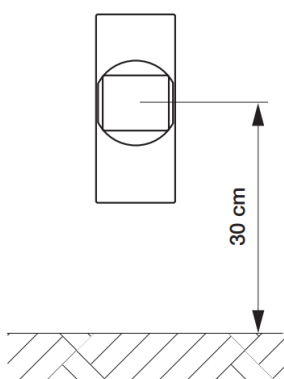
2

Volumetric coverage



CONNECTION EXAMPLE

3



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Documents / Resources



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30186.G 1 Way Switch with Infrared Motion Sensor, 30186.G, 1 Way Switch with Infrared Motion Sensor, Switch with Infrared Motion Sensor, Infrared Motion Sensor

References

- [User Manual](#)

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