

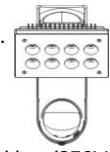
Sensor light Pro 19W/35W LED, 120W/400W Page 1/2

Warning!

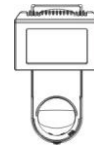
- Any work on the mains power supply must only be completed by trained specialists.
- The product must be installed in accordance with country-specific installation guidelines/standards.
- Disconnect the 230-volt power supply before starting the installation process!
- As a precautionary measure, the power supply of the light should always be fitted with a (250VAC, 10A) type C fuse in accordance with EN60898-1.
- The device must be fitted with an earthed conductor (earth).
- Only change the light bulb/touch the housing once the light has cooled down.
- Only operate the device with the specific lamps intended for that purpose.
- Faulty lamps can cause a short-circuit thereby permanently damaging the device.
- Any faulty devices should be disconnected from the power supply.
- The light is not suitable for installation on easily flammable surfaces.
- Installation in internal spaces is permitted as long as there is no risk of overheating.
- Any broken protection glass must be replaced immediately.

Care and maintenance

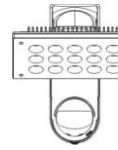
Before any cleaning and maintenance work is completed on the light, it must first be left to cool and the fuse for the relevant power supply must be switched off.
For electrical safety purposes, the light must not be cleaned with water or any other liquids and must not be submerged in water.
Therefore, only use a dry, lint-free cloth when cleaning.



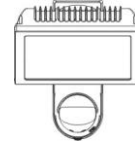
Pro 19W LED 200
8 x high-power LEDs



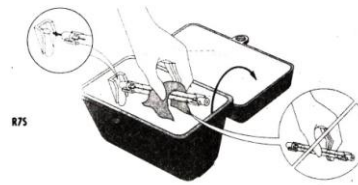
Pro 120W 200
Pro 120W 140



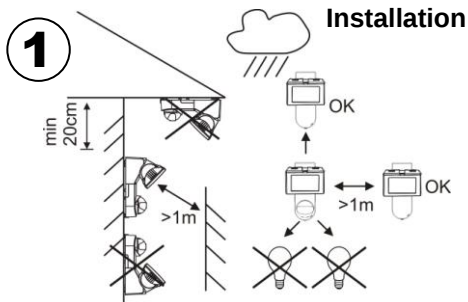
Pro 35W LED 200
15 x high-power LEDs



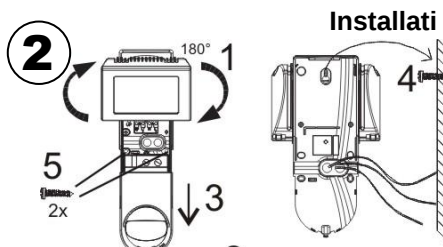
Pro 400W 200
Pro 400W 140



Use a clean cloth to touch the halogen bulb. Otherwise finger prints and grease residues will burn in and reduce the service life of the lamp.



To ensure the operational reliability, install the device in an area that is protected from the elements. Maintain a safety distance of 20 cm to ceilings (30 cm if installed in an internal corner) and 1 m to illuminated objects. Avoid heat sources in the immediate coverage area as well as under the detector.



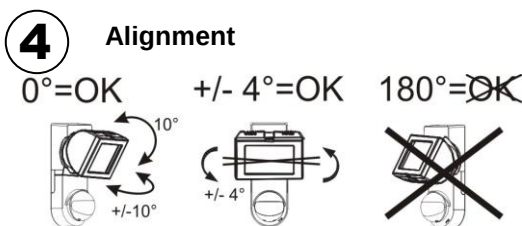
Turn the head of the light (1) by 180° into the service position. Loosen the screw (2) at the bottom of the device so that the cover (3) can be pushed down. Then engage the lug on the device with the middle screw (4) and attach the device with the two remaining screws (5). Once the installation is complete, turn the head back into the operational position.



Power supply

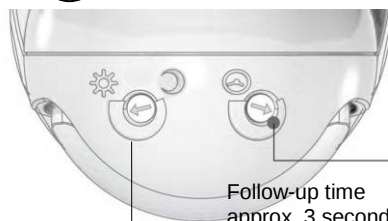
Phase/outer conductor (L): brown;
Neutral/neutral conductor (N): blue;
Earth: green/yellow

Switching output/switched phase/outer conductor (L') red and white; for parallel bypass (continuous light) or for additional loads. We recommend switching a maximum of two flood lights in parallel. If the switching capacity is higher, the additional load can be switched via an external relay.



The head of the light can now be adjusted horizontally and vertically by approx. +/-10°. Ensure that the halogen bulb only deviates from the horizontal axis by a max. of 4° otherwise this will cause a one-sided accumulation of heat. The device cannot be operated while in the service position.

Settings



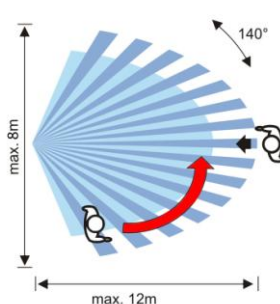
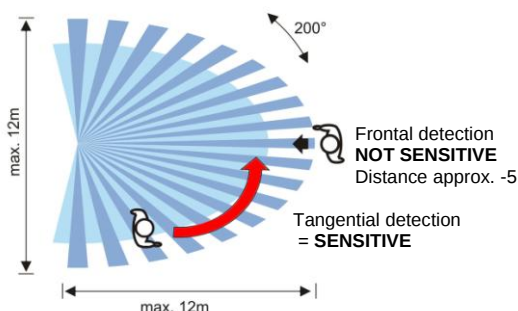
Approx. 5 lux (night) to
1000 lux (day)

Specifications:

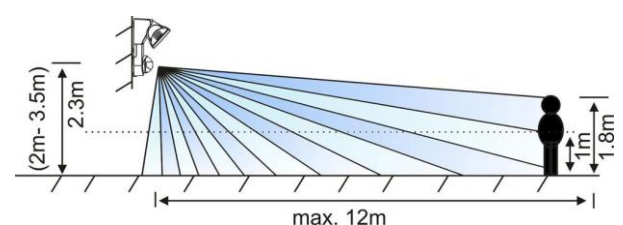
Nominal voltage: 220 to 240V, 50Hz
Light output: in accordance with the type of lamp
Coverage area: 200°/140° according to the model
Range: 12 m ahead
Twilight controller: 5 to 1000 lux
Time controller: 3 seconds to 30 minutes
Protection class: IP55, class I
Ambient temperature: 20°C to 40°C



Coverage area



The range is dependent on the installation location and the direction of movement. As the motion detector reacts to the temperature fluctuations between the heat source and ambient temperature, the range can vary depending on the installation location.



Function: The motion sensor reacts to heat omitted by moving bodies. If a person moves towards the monitored area, the light automatically switches on. If the person leaves the area, the light turns itself off after a preset amount of time (approx. 3 seconds to max. 30 minutes).

Warning! Any work to the 230V network must only be completed by trained specialists. The product must be installed in accordance with country-specific installation guidelines/standards. Before starting to install the device, ensure that the 230-volt power supply cable is de-energised using a voltage tester.

① Positioning

The installation height should be approx. 2.3 m (max. 3.5 m). It must not be installed in the vicinity of heat sources or reflective surfaces.

② Installation

For installation purposes, draw three drill holes in the desired position on the wall. Drill holes appropriate for the diameter and depth of the supplied plugs. Firmly press the plugs into the holes. Secure the upper middle screw and attach the device to it. Then fix the device into place using the two remaining screws.

③ Power supply:

The connection must be a 230V/50Hz mains power supply! The power supply cable is fed into the device from the rear.

The cables must be attached to the clamps as follows:

Phase/outer conductor (L): brown;

Neutral/neutral conductor (N): blue; Earth: green/yellow 

Optional:

Switching output/switched phase/outer conductor (L') white;
(for parallel bypass (continuous light) or for additional loads)

Following connection to the mains power supply, the detector needs approx. one minute before it is ready for operation. If the power supply is interrupted (min. two seconds) then the light can be activated remotely.

Connecting electrical loads

High starting currents shorten the service life of the relay integrated into the detector. Please observe the technical specifications provided by the light and lamp manufacturers to ensure the relay is not overloaded.

We therefore recommend that you only use a maximum of two lights in parallel or connect one further light without a sensor. If the switching capacity is higher, the additional load can be switched via an external relay.

④ Aligning the light and detector

Align the light and detector to suit your requirements.

The detector can be tilted by 45°.

The light can be turned by +/-10° and adjusted vertically by 10°.

⑤ Settings

Test: To ensure the functionality of the sensor can be checked during the day and the frontal range can be adjusted, the twilight setting must be set to "day/sun".

Timer setting

The timer can be used to determine how long the light will remain on following the last movement in the coverage area.

Switch from minimum to maximum stop position

(turn clockwise: 3 seconds to 30 minutes).

Twilight setting (lux)

The twilight sensor regulates the operating threshold (light value) of the motion detector determining when the device should be activated.

⑥ Coverage area

In optimum conditions, the range of the detector is up to approx. 12 m ahead.

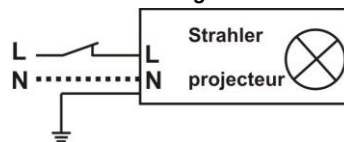
The range is dependent on the installation location and the direction of movement.

As the motion detector reacts to temperature fluctuations between the heat source and ambient temperature, the range can vary depending on the installation location.

Locating the coverage area

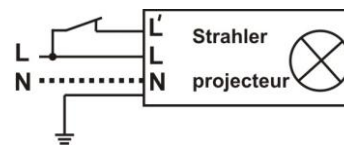
Tilt the detector and/or cover the parts of the switching device that are not required or cause faulty operation with adhesive tape (electrical or masking tape).

Connection diagrams



Standard connection

Option to permanently switch the sensor light off with a single switch



Standard connection

Option to permanently switch the sensor light on via L' with a single switch

Faults

- PIR does not work: Twilight value set too high
Check the light's bulb.
Check mains fuse.
- Switches on without reason: check coverage area for something causing the fault: (trees, animals, cars, etc.)
Cover the area of the lens that is causing the fault with masking tape (or shutter)
- Switches on during the day: Twilight value is set too low

Technical specifications

Nominal voltage: 220 to 240V, 50Hz

Light output: in accordance with the type of lamp

Coverage area: 200°/140° according to the model

Range: 12 m ahead

Twilight controller: 5 to 1000 lux

Time controller: 3 seconds to 30 minutes

Protection class: IP55 splash-proof, class I

Ambient temperature: -20°C to +40°C

Do not dispose of electrical devices with your household waste, use municipality waste collection sites or return old devices to the retailer.

