



# SENSOR 4000 - Multi Function

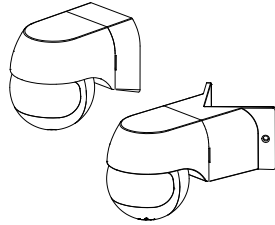
2 YEARS  
WARRANTY



Congratulations with your new product. This instruction manual explains the product and we advise you to read it carefully so that proper use is ensured. The instruction manual should be kept for as long as the product in use.

### CONTENTS:

- Sensor
- Bracket for corner mounting
- Fittings
- Instruction manual Danish/English/Russian



### FUNCTION:

The sensor detects motion caused by movement of people or cars within its field of view. The sensor is infrared which means it detects even in darkness. It is possible to adjust the time the light must be on, and the amount of light at which level the sensor is to be activated.

In addition, the sensor has a "constant light" feature, which means that the sensor's function can be overruled and the light will continue lighting.

The sensor can be placed on a flat surface or at a corner using the supplied corner bracket.

Note! The sensor can be activated by animals such as dogs and cats. This can be limited by turning the sensor upside down or covering some of the sensor field of view.

### LOCATING THE SENSOR:

The sensor should be placed at high approximate 1,8 to 2,5 meter above the ground.

This covers an area of up to 12 meters at an angle of 180°. See figure. 1

Figure 1

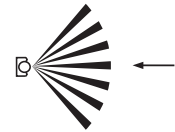


Note: The sensitivity of the sensor is optimal when crossing the viewing area (Figure 2a). If you move straight towards the sensor, the sensitivity will be less. (Figure 2b)

Figure 2a



Figure 2b



Note! Range may depend on temperature.

### AREAS TO BE AVOIDED:

- Avoid installing it on a unstable surface.
- Do not place the sensor close to moving objects - it may effect the detection.
- Avoid installing the sensor near air temperature alteration zones such as air condition, central heating, etc.

### INSTALLATION:

- **Remark!** To be installed by an authorized electrician only
- Turn off main power
- Remove the bracket - if necessary use a flat screwdriver to gently loosen the bracket on each side - see fig. 3
- Lead the cables through the gaskets.
- Connect the wires - see diagram fig. 4
- Place the bracket at the desired location - **note** that the input to the cables should turn downwards - see fig. 5
- Install the sensor on the bracket
- Turn on the power.

Figure 3

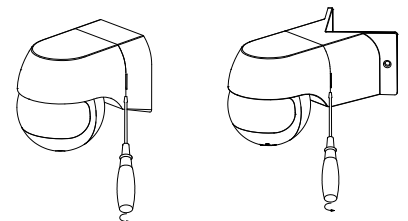


Figure 4

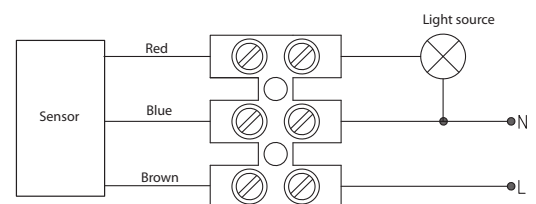
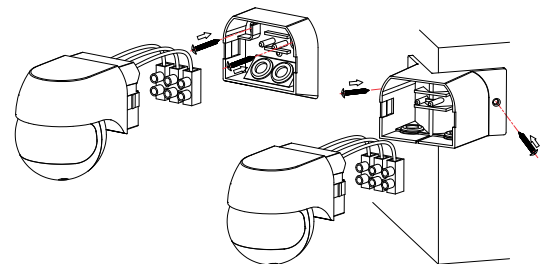


Figure 5



Item no.: 309090  
 DB no. 1883129  
 Barcode: 5703901017867

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 Industrivej 20  
 5492 Vissenbjerg  
 Danmark



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### ADJUSTMENT:

- Turn off main power.
- Turn „Time“ button towards „minus“ (short ignition period)
- Turn „lux“ button towards the sun (Daylight)
- Turn on main power. After a period of approximate 30 seconds the sensor is ready for operating.
- Adjust the sensor head to cover the desired area.
- Move into the detected area see figure. 2
- Adjust „TIME“ (see separate section „Setting - TIME and LUX)
- Adjust „LUX“ (see separate section „Setting - TIME and LUX)

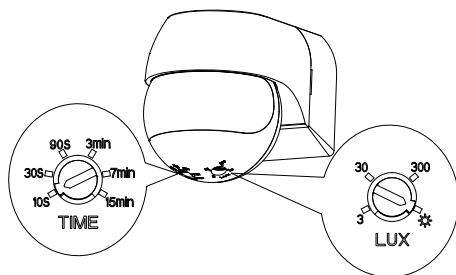
### SETTING - TIME AND LUX:

The buttons are located on the downside of the sensor - see figure 6.

**Time:** Sets the length of time the sensor keeps the light on. The time is calculated from the last movement. By turning the arrow towards minus the results is short ignition time - minimum 10 seconds. By turning towards plus the result is extended ignition time - maximum 15 minutes.

**LUX:** Sets whether the sensor is to be activated by daylight or in darkness. by turning towards the „sun“ the sensor turns on the connected light source in daylight. By turning towards „moon“ the sensor turns on the connected light source only in darkness.

Figure 6



### CONSTANT LIGHT FEATURE:

To use the feature „constant-light“ a switch must be installed in the installation - see diagram figure 4.

#### Activation of „constant-light“ feature:

Switch off and on the switch within 3 seconds - The sensor settings will end and the connected light source will light constantly.

Note: The sensor will automatically resume on daylight - 100 LUX.

### Deactivation of constant-light feature:

Switch off the power switch and wait 20 seconds before switching on again - the connected light source will be activated again after the sensor settings.

### MAINTENANCE:

The sensor should be cleaned regularly using a soft damp cloth. Ensure the sensor window at the front is free from dust and other parts that may cause malfunction of the sensor. Do not attempt to modify or repair the product.

### APPROVALS AND COMPLIES:



### DISPOSAL:

Electrical and electronic equipment contains materials, components and substances that may be harmful to human health and the environment if the waste is not handled properly.

Electrical and electronic equipment is marked with the following cross-checked dustbin.

It symbolizes that electrical and electronic equipment is not to be disposed together with unsorted household waste but must be collected separately. Contact the local recycling station and follow their instructions.



### TROUBLESHOOTING:

The light does not turn on:

1. Is the sensor affected from other light sources?
2. Turn of main power for app. 10 sec. and wait 1 minute for the sensor to restart.
3. Ensure the light source and wires are in complete.

The light turns on/off to quickly:

1. Is the sensor affected from other light sources?
2. Ensure there is no reflecting items in the viewing area of the sensor

The light does not turn off:

1. Control the setting „TIME“
2. Is the sensor affected by any moving parts - trees or bushes?

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## TECHNICAL SPECIFICATION :

Rated load:  
- LED/energy saving lamp: 400W  
- incandescent bulb/  
fluorescent lamps: 800W  
Range: up to 12 meter  
Sensor view angle: 180°  
Lux control: 3-2000LUX  
Time control delay: minimum 10 sec. +/- 3 sec.  
maximum 15 min. +/-2 min.  
IP class: IP44  
Ambient temperature: -20° - +40°  
Ambient humidity: <93 %  
Power source: 220-240v 50/60Hz 10A  
Power consumption: Aktiv: 0,5W  
Standby: 0,5W  
Double isolated

## WARRANTY:

A 2 year warranty is given on the product from the date of purchase. The warranty is only valid with the presentation of original purchase receipt.

The warranty covers repair of the product during the warranty period provided that the product is used and maintained as described in this manual. All replaced parts apply to L-Team. Replacement and repair does not extend the warranty period. The warranty lapses upon modification or attempted reparation of the product. The warranty does not cover freight costs and force majeure such as unintended power outage.

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*Ensonordic is developed by L-Team. The company has more than 25 years of experience with electrical products for the Danish and Nordic markets. The Ensonordic series includes smoke alarms, door bells, sensors and other comfort and safety products.*

For more information - [www.ensonordic.com](http://www.ensonordic.com) 01.11.2018

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