

## INSTRUCTION FOR INSTALLATION AND USE



### • Specification:

- Ceiling mounted PIR sensor
- Body: polycarbonate, white
- Detection range: 360°
- Detection diameter: 20m max (<24°C)
- Installation height: 2.2-4.0m
- Mains voltage: 220-240V, 50-60Hz
- Switching load: 1000W (Energy saving lamp & LED lamp)
- Power consumption: 0.5W
- Dimensions: Ø 115\*47.5mm
- Switching cycles: 100000
- Integrated daylight sensor. Daylight Threshold: 3-2000LUX (adjustable)
- Hold time: 10s-30min (adjustable)
- Movement speed detection: 0.6-1.5m/s
- Operating temperature range, °C: -20..+40
- Protection class IEC: II
- Ingress protection: IP65



### • Function:

- LUX - Set the daylight threshold level according to the environment. The light will not turn on if the ambient lux level exceeds the daylight threshold preset. Select the “☀” position for the sensor to work in daylight.
- TIME – Select the required hold time for the light on-time after presence detection. When the sensor receives a second signal, it will restart the hold time.

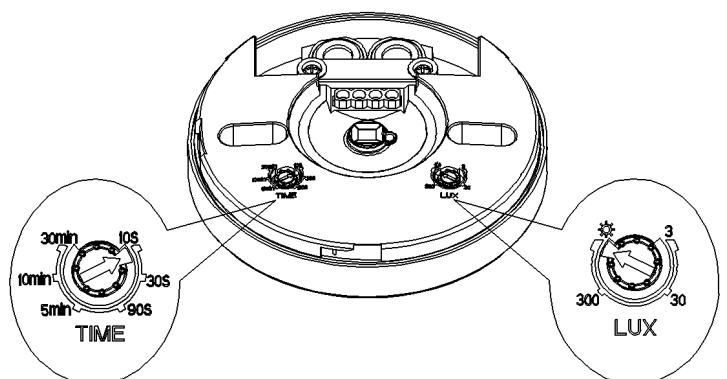
#### • Manual override function:

- Sensor mode → Stay on  
It is possible to disable the motion sensor functionality manually by using the following combination of the wall switch:

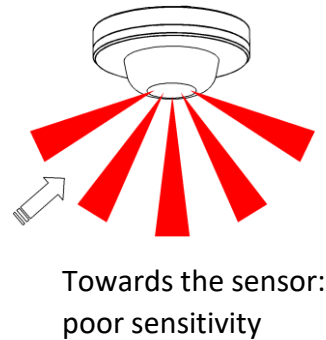
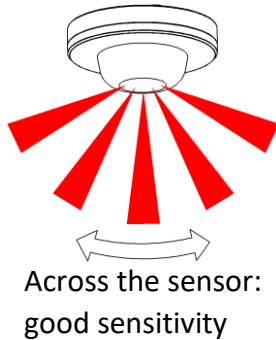
Switch OFF – Switch ON - Switch OFF – Switch ON

This must be done within 3 second period.

The sensor will now disregard movement and the luminaire will stay ON as long as the wall switch is in the ON position.

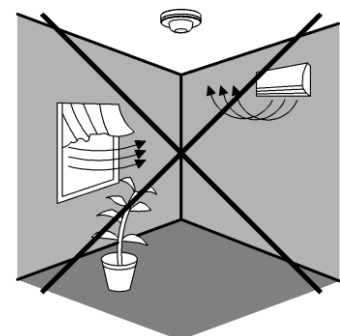
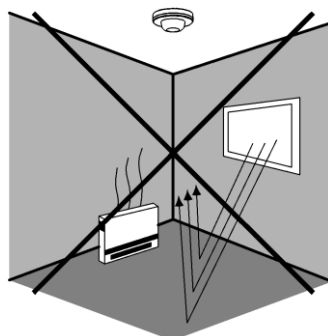
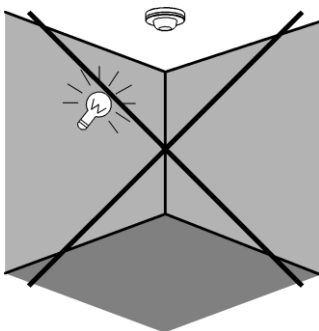


- Stay on → Sensor mode  
Motion sensor functionality can be turned on manually by using the following combination of the wall switch:  
Switch OFF, then switch ON after 0.3 seconds.  
Alternatively, the motion sensor functionality turns on automatically if the wall switch is left in the ON position for 8 hours.



## • Installation advice:

- Avoid pointing the detector towards objects with highly reflective surfaces, such as mirrors etc.
- Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.
- Avoid pointing the detector towards objects that may move in the wind, such as curtains, tall plants etc.



## • Connection:

- Unscrew the screws on the side (Refer to figure 1);
- Open the cover by turning it counterclockwise (Refer to figure 2);
- Unscrew the strain relief (Refer to figure 3);
- Connect the mains and load wires according to the wiring scheme and screw the strain relief;
- Mount the sensor to a chosen location on the ceiling by using two screws;
- Put the cover back on the sensor. You can now switch on the power and test the functionality of the sensor.

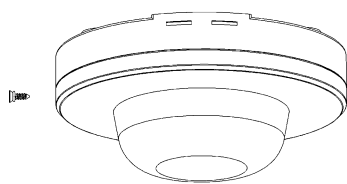


Figure 1

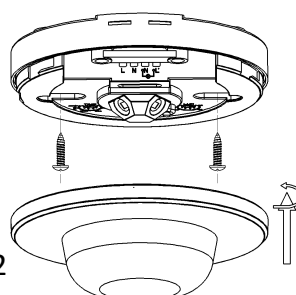


Figure 2

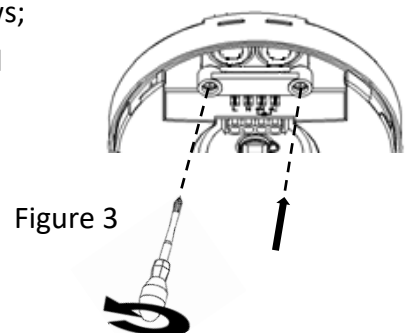
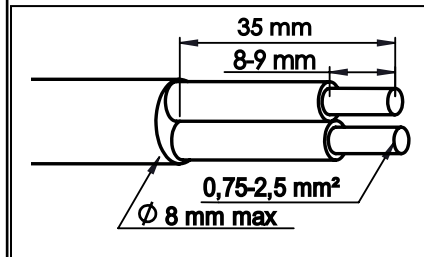
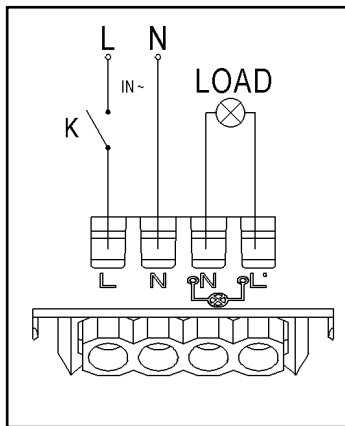
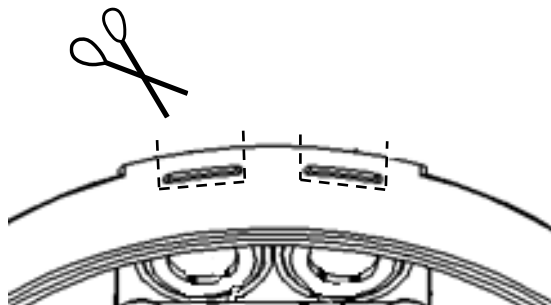
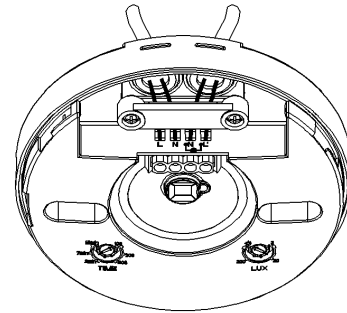


Figure 3

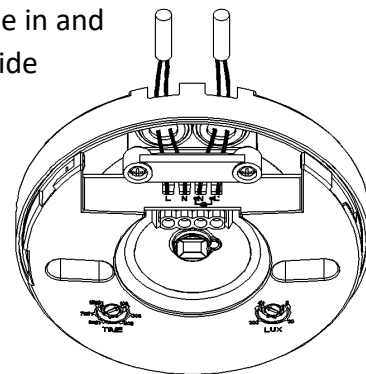
## WIRING SCHEME



The wires come in and out from the bottom



The wires come in and out from the side



## • Test:

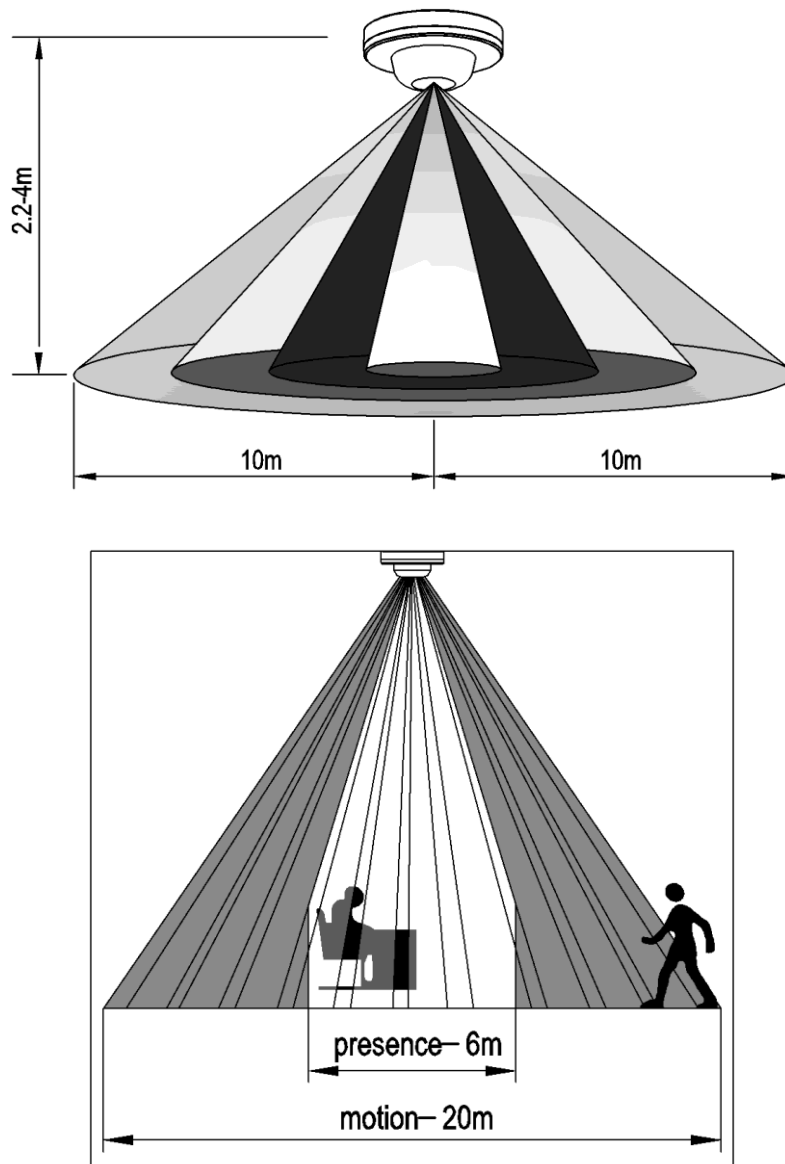
- Turn the TIME knob counterclockwise to the minimum (10s). Turn the LUX knob clockwise to the maximum “☀”.
- Switch on the power. After a warm-up period of 30 seconds, the sensor is ready for operation. If the sensor detects a movement the luminaire will turn on. If there is no movement detected, the luminaire should turn off within  $10 \pm 3$  seconds.
- Turn LUX knob counterclockwise on the minimum (3). If the ambient light is higher than 3lux, the sensor will not turn on the luminaire. If the ambient light is less than 3lux, the luminaire will be turned on.
- Note: when testing the sensor in daylight, turn the LUX knob to the “☀” position, otherwise the luminaire will not turn on! If the luminaire’s power is more than 60W, the distance between the luminaire and the sensor should be at least 60cm.

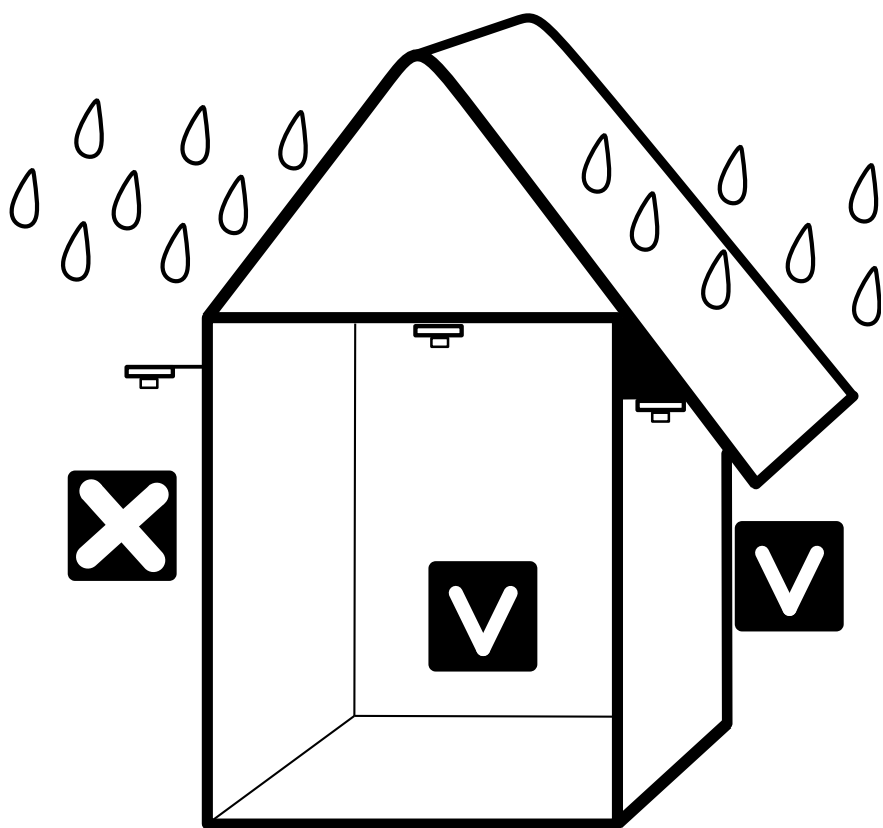
## • Troubleshooting:

- The luminaire does not turn on:
  - Please check if the mains and load wires are connected properly;
  - Please check if the power of the load does not exceed the maximum limit;
  - Please check if the ambient light settings suit the installation location.

- The sensitivity is poor:
  - Please check if there are no obstacles between the sensor and the moving object;
  - Please check if the ambient temperature does not exceed the limits;
  - Please check if the moving object is in the sensor's detection field;
  - Please check if the installation height corresponds to the height required in the instruction;
  - Please check if the object is moving towards or across the sensor's field of view and change the installation location if necessary.
- The luminaire does not turn off:
  - Please check if there are no moving objects in the sensor's field of view;
  - Please check the settings of the TIME knob;
  - Please check if the power of the load does not exceed the maximum limit.

- **Coverage area:**





**EN**



**CAUTION!**

RISK OF ELECTRIC SHOCK

Installation can only be performed by an authorized electrician. Switch off the electricity supply before carrying out any work. Luminaire must be installed in compliance with all safety requirements. Attention! The exact model of the fixture marked on a label inside it.



IMPORTANT INFORMATION FOR CORRECT  
DISPOSAL OF THE PRODUCT IN ACCORDANCE  
WITH EC DIRECTIVE 2002/96/EC.

At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service.

Disposing of a household appliance separately avoids possible negative consequences for the environment and health, deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.