



ultralux MSD2460D Dual Function IR Sensor Double User Manual

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MDS2460D
INSTRUCTIONS FOR
EXPLOITATION
DUAL FUNCTION
IR SENSOR, DOUBLE

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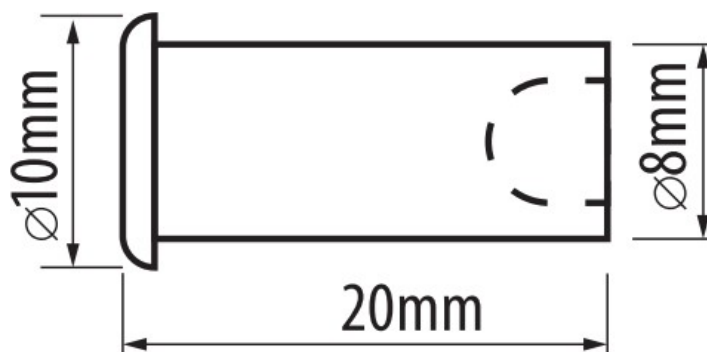
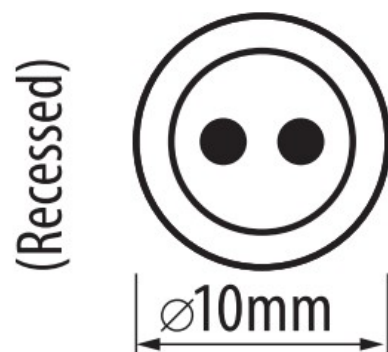
MSD2460D Dual Function IR Sensor Double



THE INSTALLATION SHOULD BE PERFORMED BY A QUALIFIED ELECTRICIAN ACCORDING TO THIS MANUAL. PLEASE KEEP THE INSTRUCTIONS.

TECHNICAL SPECIFICATIONS

Voltage:	12/24 V DC
Rated load:	60 W
Detections distance:	5 cm
Detection range:	10°
Cable length:	2 x 1000 mm
IP rate:	IP20



DESCRIPTION

The product consists of a small controller with 2 infrared sensors. There are two modes of operation, which are changed via a button located on the housing.

PROXIMITY SENSOR MODE: The sensor detects the position of moving objects (doors, drawers) if an obstacle occurs.

within the range of other sensors (both cabinet doors closing simultaneously), the controller will turn off the LED lighting. If the obstacle disappears within the range of one of the sensors (opening of one of the two cabinet doors), the controller will switch on the LED lighting. The main application of the product is automation of furniture LED lighting (cabinets, wardrobes, shelves, drawers, buffets, etc).

PROXIMITY SWITCH MODE: The sensors detect moving objects. When there is a single brief movement (hand wave) within range of one of the sensors, then the controller will turn on the LED lighting. When motion (hand wave) occurs again within range of one of the sensors, the controller will turn off the LED lighting.

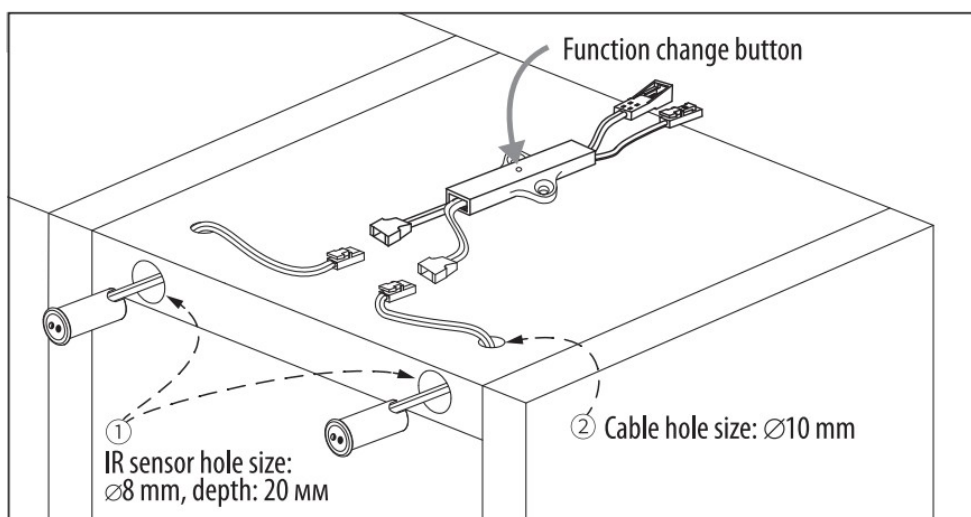
Note: After a power outage and its restoration, the furniture IR sensor in "PROXIMITY SWITCH MODE" always starts with the LED lighting turned off.

SAFETY INSTRUCTIONS

- Performing any actions while electrical voltage is present carries the potential risk of electric shock. The power supply must be disconnected before starting any work.
- Before replacement, disconnect from the electrical grid.
- The installation should be carried out in accordance with the current instructions by a qualified professional.
- All conductors and fitting auxiliary components are to be placed at an appropriate distance from the heating parts of the fitting. When choosing the place for mounting, the required minimum distance must be kept between the fitting and the lightened objects.
- The sensor is designed for installation in indoor environment and must be used in places with normal levels of humidity and dust – P20 protection rating.
- The manufacturer bears no responsibility for damages resulting from failure to comply with these instructions.

RECESSED INSTALLATION

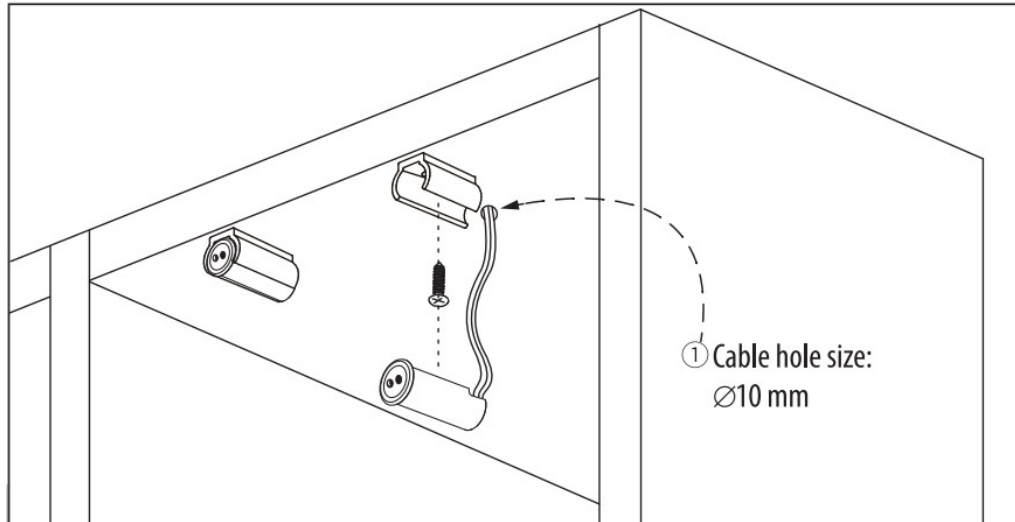
1. Drill 2 holes with a diameter of $\varnothing 8$ mm and a depth of 20 mm, then place the sensors into it.
2. Drill a hole with a diameter of 10 mm and pass the connecting wires of the sensors through it.
3. Connect the OUTPUT connector to the load (LED lighting) and connect the INPUT connector to the power supply for the LED lighting.



SURFACE INSTALLATION

1. Mount the surface mounting brackets.
2. Drill a hole with a diameter of $\varnothing 10$ mm and pass the connecting wires of the sensors through it.
3. Connect the OUTPUT connector to the load (LED lighting) and connect the INPUT connector to the power supply.

or the LED lighting.

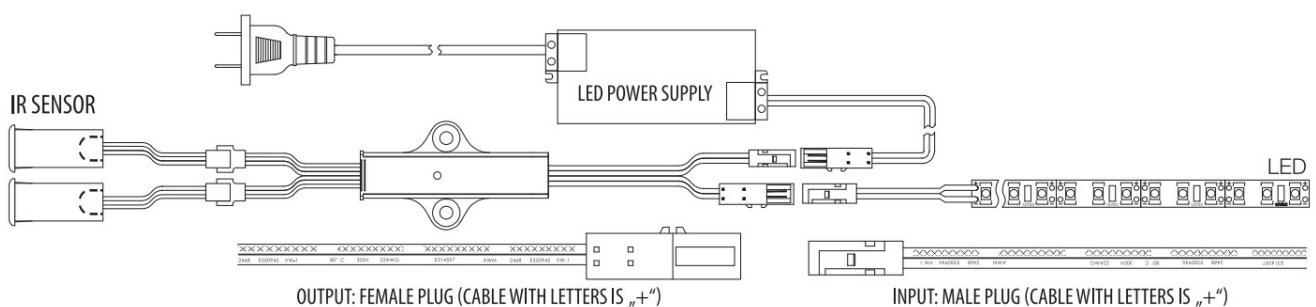


NOTES:

- For indoor use only.
- Do not disassemble the product.
- Do not install the product in places with high humidity.
- Use dry cloth, never a strong cleaning agent.
- Replace the whole set in case of malfunction.
- Ensure cooling to prevent a risk of fire.
- The product is intended exclusively for LED lighting.
- After a power outage and subsequent restoration, the product remembers the mode in which it was previously operating.

There is no need to select the mode again.

WRING DIAGRAM



TAKING CARE OF THE NATURAL ENVIRONMENT CLEANLINESS

The product and its components are not harmful to the environment. Please dispose the package elements separately in containers for the corresponding material.


Please dispose the broken product separately in containers for out of usage electrical equipment.

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<https://www.ultralux.bg/downloads/upotreba/Instruction-MSD2460D-web.pdf>

Documents / Resources

	<p>ultralux MSD2460D Dual Function IR Sensor Double [pdf] User Manual</p> <p>MSD2460D Dual Function IR Sensor Double, MSD2460D, Dual Function IR Sensor Double, Function IR Sensor Double, IR Sensor Double, Sensor Double</p>
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References

- [User Manual](#)

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