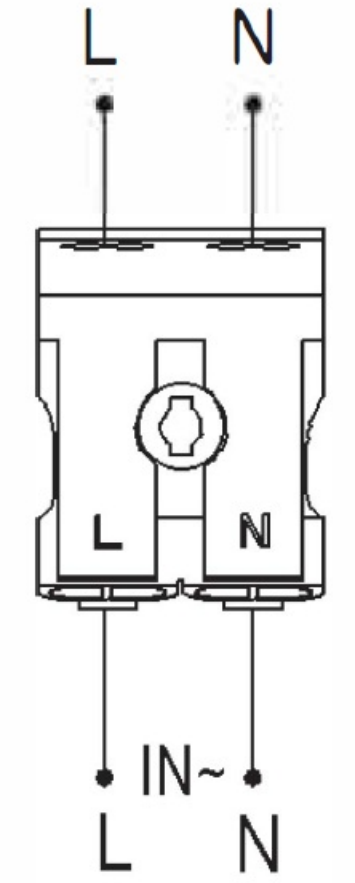
UltraLux LLP01840 LED Lamp with PIR Sensor Instruction Manual

Contents

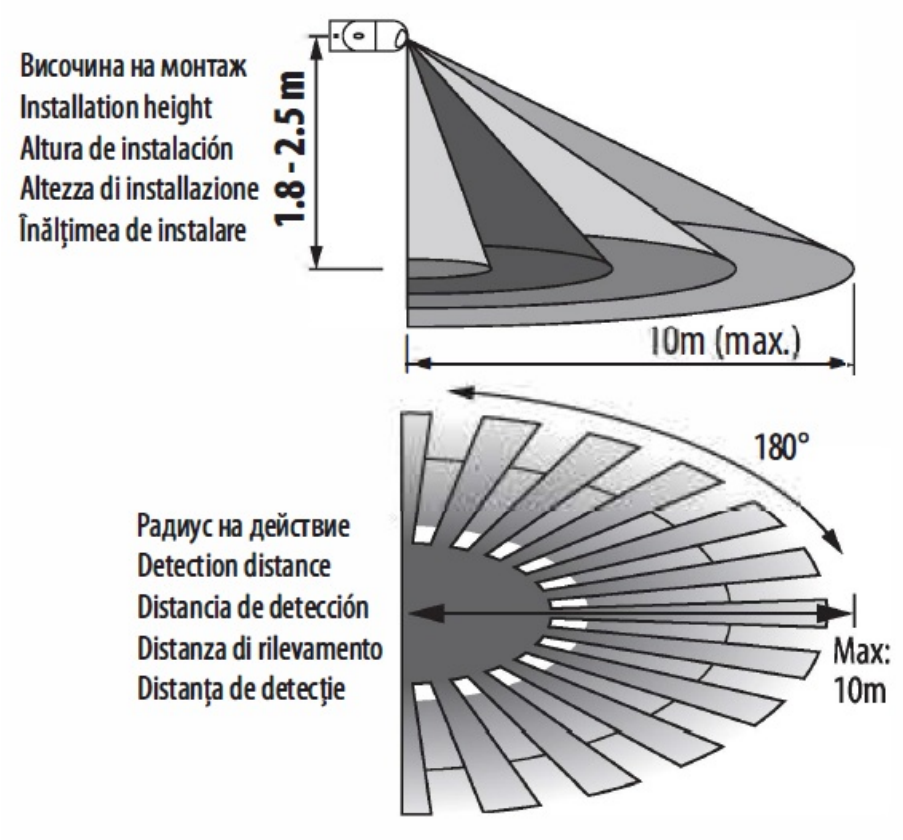
UltraLux LLP01840 LED Lamp with PIR Sensor

This product contains a light source of energy efficiency class F.

WIRING DIAGRAM



DETECTION RANGE OF THE SENSOR



THE INSTALLATION SHOULD BE DONE BY A QUALIFIED ELECTRICIAN. PLEASE, KEEP THE INSTRUCTION.

PRODUCT CHARACTERISTICS

- Detection Range:
  ……
  2 x 90′
- Power supply:
  …… 220-240 V
  AC / 50-60 Hz
- Power·
  ……
  18W
- Power factor (PF)·
  ……
  0.5
- luminous flux:
  ……
  1300 Im
- Correlated color temperature:
  …… 4000 K
- Detection distance:
  …… 10 m
  (<24 ‘()
- Installation height:
  ……..
  1.8 – 2.5 m
- Working temperature range:
  ……- 20′ C.;. +40′ C
- Time delay: …… min. 10 sec±3 sec.- max. 5 min±2 min (adjustable)
- Ambient light:
  …… <3-2000 lx
  (adjustable)
- Index of protection:
  ……
  IP65
- Sensor standby mode power consumption:
  …….. 0.5 W
- Working humidity:
  ……..
  < 93% RH
- Detection moving speed:
  …… 0.6 -1.5 mis

NOTES AND INFORMATION

The lamp is equipped with a passive infrared sensor that monitors (measures) the infrared rays (heat) emitted by objects within its range of action. Depending on the changes in the thermal background within the controlled area,

the sensor turns the lamp on/off. Therefore, the LLP07840 lamp is not recommended for installation in areas with significant temperature fluctuations, such as in close to air conditioners or heating appliances.

SAFETY INSTRUCTIONS

Performing any actions while electrical voltage is present carries a potential risk of electric shock. The power supply must be turned off before starting any work. The lamp is intended for mounting in a horizontal position on stationary surfaces. The installation should be done by a qualified electrician.

INSTALLATION

- Turn off the power supply before installation.
- loosen the tightening screws located at the top and bottom of the sensor lamp and remove the back cover (Fig. 1)

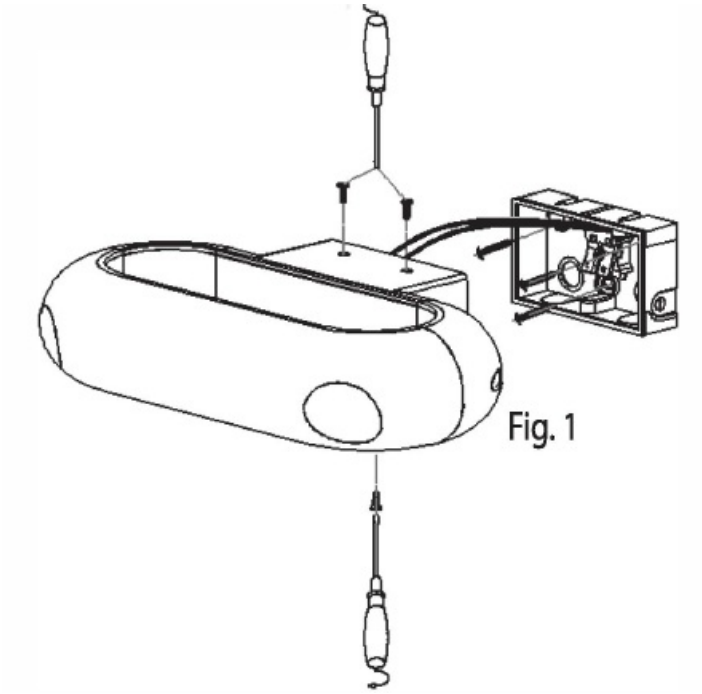
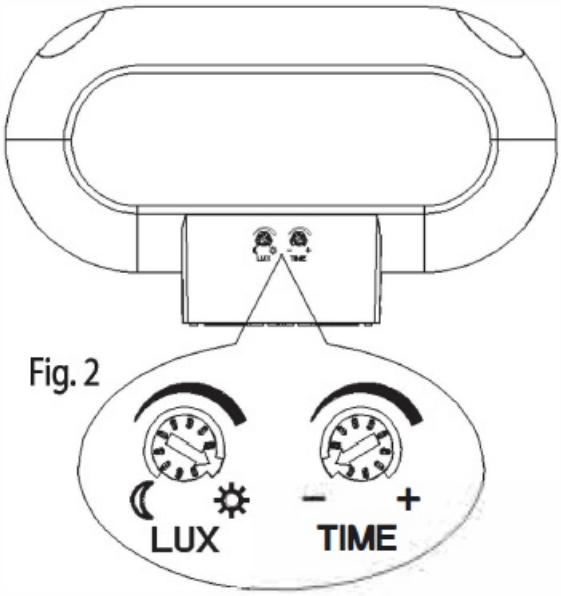


Fig. 1

- Pass the cable through the hole in the back cover. Connect the power cable to the terminal block of the lamp according to the provided connection diagram. If necessary, holes can be made on the marked areas on the sides, top, or bottom for specific purposes.
- Install the back cover of the lamp onto the mounting surface using the mounting hardware, ensuring that the label ‘UP’ points upward.
- Fix the lamp to the back cover using the tightening screws. The regulators of the lamp should be positioned at the bottom.
- Turn on the power supply and perform a test to ensure proper functionality.

TESTING THE LAMP

- Before turning on the power supply, rotate the ‘TIME’ regulator counterclockwise to the ‘-‘ mark. Rotate the ‘LUX’ regulator clockwise to the maximum position labeled ‘SUN’ (Fig. 2).



- When you turn on the power supply, the lamp will immediately turn on and automatically turn off after 10 seconds ± 3 seconds. If the sensor detects a moving object, it will automatically operate as usual.
- If the sensor detects a moving object, it will automatically operate as usual. When the sensor detects movement again within the controlled area during the period when it has already activated the lamp, the timer will be reset based on the initially set time.
- To test the sensor's sensitivity to ambient light, rotate the 'LUX' regulator counterclockwise to position 'MOON'. If the ambient light intensity is greater than 3 Ix, the sensor will turn off the lamp, even if there is movement within the sensor's detection range. If the ambient light is less than 3 Ix, the sensor will turn on the lamp when it detects motion within the controlled area.

POSSIBLE REASONS FOR SENSOR MALFUNCTIONS

The lamp does not turn on:
Please check if the power and load connection is correct. Make sure the lamp is not defective. Check if the working light corresponds to the ambient light. When testing in daylight, please turn the "LUX" knob to,, SUN" position, otherwise the sensor lamp could not work!

The sensitivity is poor:

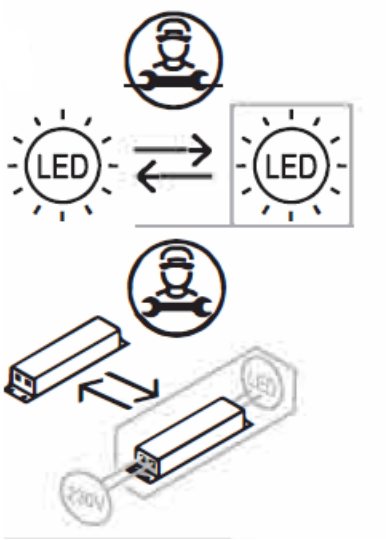
- Please check if there is hinder in front of the detection window to prevent from receiving the signals. Please check if the ambient temperature is too high. Please check if the signal source is in the detection area. Please check if the installation height corresponds to the height shown in the instructions.
- Please check if the moving orientation is correct.

The sensor doesn't switch off the load automatically:
Check if there are continual signals in the detection area. Make sure the TIME knob is not set to "+". Make sure there are no heaters in the sensor range.

TAKING CARE OF THE NATURAL ENVIRONMENT CLEANLINESS

1. The product and its components are not harmful to the environment
2. Please dispose of the package elements separately in containers for the corresponding material.
3. Please dispose of the broken product separately in containers for out-of-usage electrical equipment.

FEATURES



Documents / Resources

	UltraLux LLP01840 LED Lamp with PIR Sensor [pdf] Instruction Manual LLP01840 LED Lamp with PIR Sensor, LLP01840, LED Lamp with PIR Sensor, Lamp with PIR Sensor, PIR Sensor, Sensor

References

- User Manual