


UltraLux®  
UltraLux  
LLPS204WH,LLPS  
204GR LED With  
Motion Sensor



# UltraLux LLPS204WH,LLPS204GR LED With Motion Sensor Instruction Manual

[Home](#) » [ULTRALUX](#) » UltraLux LLPS204WH,LLPS204GR LED With Motion Sensor Instruction Manual 

## Contents

- [1 UltraLux LLPS204WH,LLPS204GR LED With Motion Sensor](#)
- [2 PRODUCT CHARACTERISTICS](#)
- [3 NOTES AND INFORMATION](#)
- [4 INSTALLATION](#)
- [5 Documents / Resources](#)
  - [5.1 References](#)
- [6 Related Posts](#)

UltraLux®

UltraLux LLPS204WH,LLPS204GR LED With Motion Sensor



## PRODUCT CHARACTERISTICS

- Detection Range: ..... 140°
- Power supply: ..... 220-240 V AC, 50/60 Hz
- Power: ..... 12W / 15W / 20W selected by switch
- Power factor: ..... PF=0.8
- Luminous flux: ..... 1300 lm/ 1600 lm/ 2100 lm
- Correlated color temperature: ..... 4000 K
- Detection distance: ..... max. 9 m (<24 °C)
- Installation height: ..... 1.8-2.5 m
- Working temperature range: ..... -20 °C 7+40 °C
- Time delay: ..... 10 sec± 3 sec 7 5 min± 1 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 m/s

## 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 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 vertical position on stationary surfaces.
- The installation should be done by a qualified electrician.

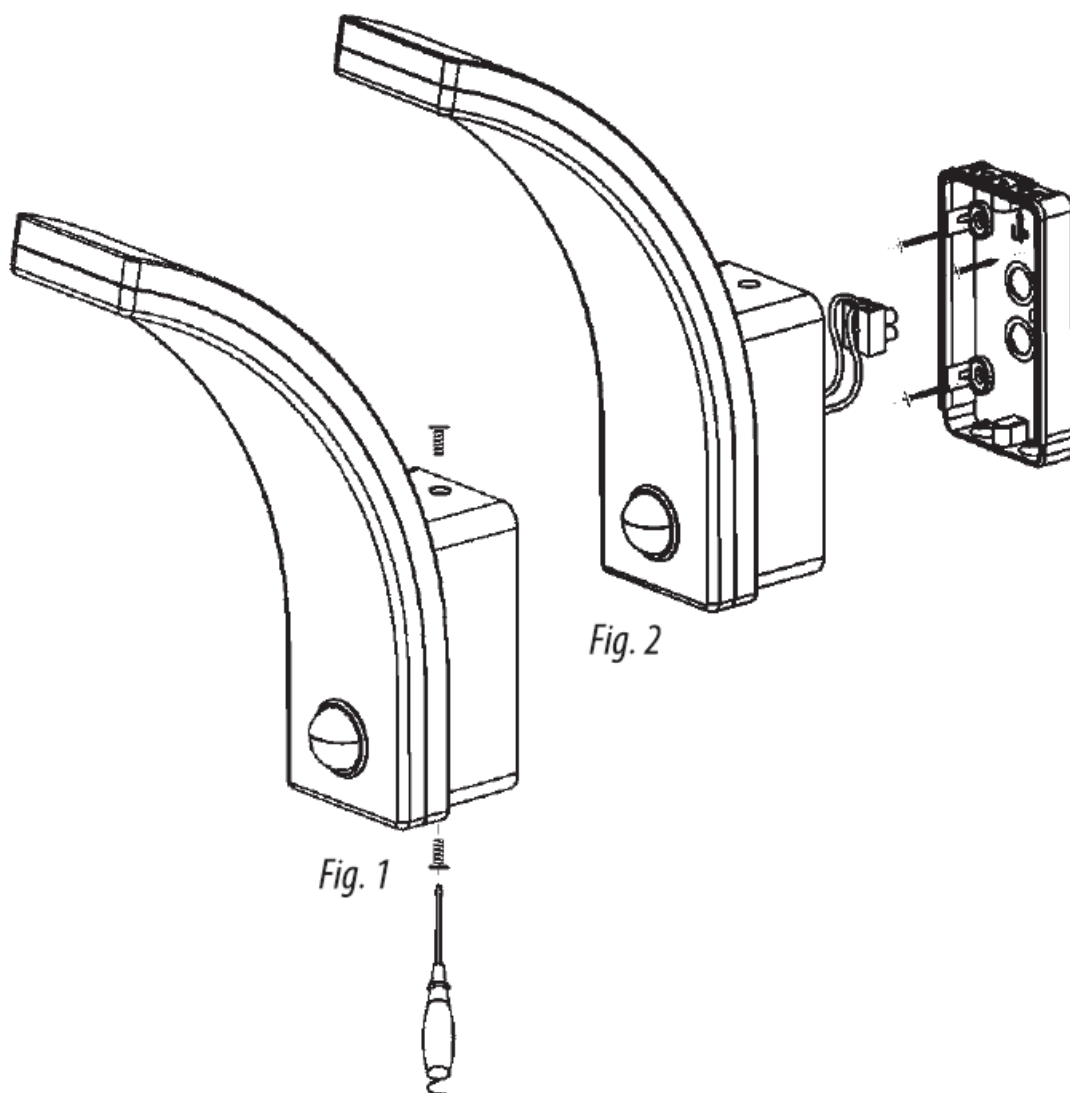
## TAKING CARE OF THE NATURAL ENVIRONMENT CLEANLINESS



- 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

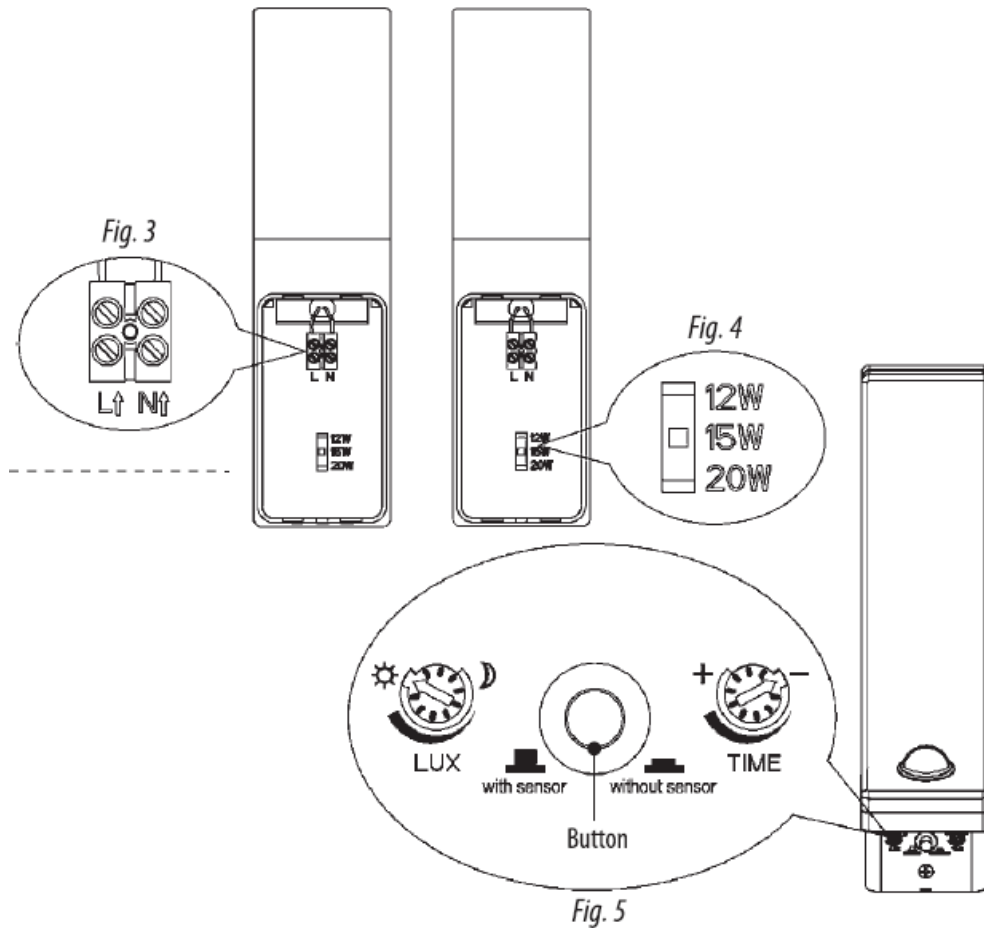
## INSTALLATION

1. Disconnect power supply before installation
2. Unscrew the clamping screws located at the top and bottom (Fig. 1).
3. Remove the mounting base (Fig. 2).



4. Pass the power cable through the hole with silicone seal located on the mounting base. Connect the power cord to the lamp terminal block according to the indicated diagram (Fig.3).
5. Using suitable fasteners, install the mounting base on the desired surface.
6. Using the switch, select the desired power (Fig.4).
7. Adjust the sensor parameters (Fig.5).
8. Fix the lamp to the mounting base using the clamping screws.

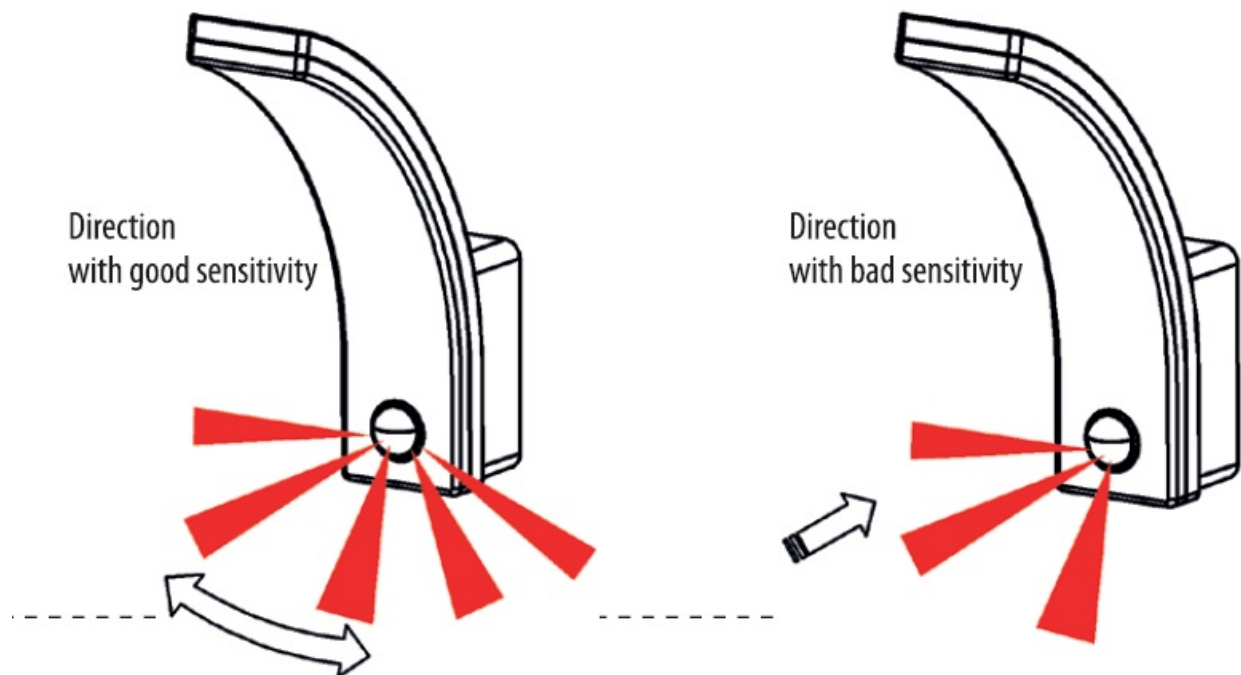
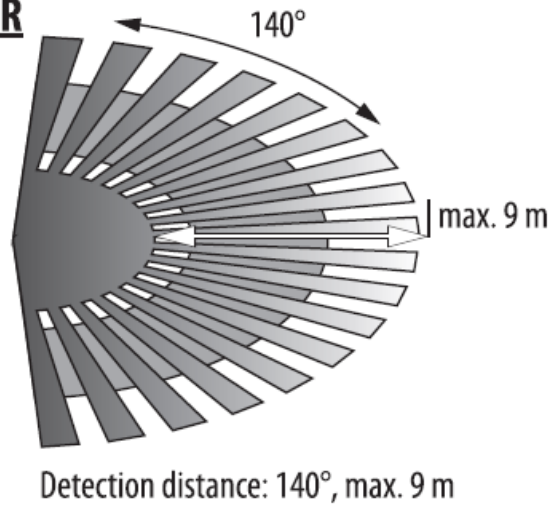
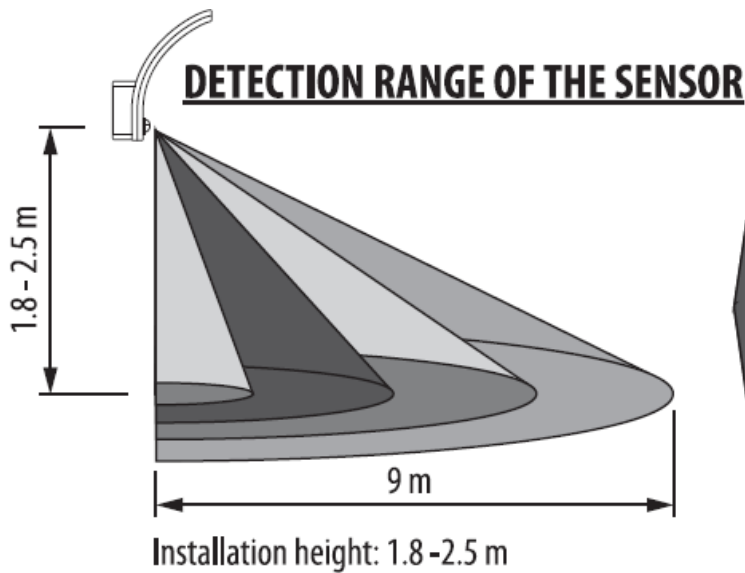
9. Turn on the power supply and test.
10. Use the button located on the bottom of the body to switch the sensor action on and off (Fig. 5).



## 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 '+' (Fig. 3).
- When you turn on the power supply, the lamp will immediately turn on and automatically turn off after 10 seconds  $\pm$  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 lx, 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 lx, the sensor will turn on the lamp when it detects motion within the controlled area.

## DETECTION RANGE OF THE SENSOR



## 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 "LUX" knob to "N" position, otherwise the sensor lamp could not work!

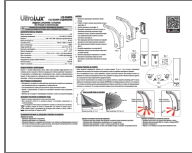
### The sensitivity is poor:

- Please check if there is a 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 signals source is in the detection area.
- Please check if the installation height corresponds to the height shown in the instruction.
- 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 TIME knob is not set to "+".
- Make sure there are no heaters in the sensor range.

## Documents / Resources



[UltraLux LLPS204WH,LLPS204GR LED With Motion Sensor](#) [pdf] Instruction Manual  
2807, LLPS204xx, LLPS204WH LLPS204GR LED With Motion Sensor, LLPS204WH LLPS204  
GR, LED With Motion Sensor, With Motion Sensor, Motion Sensor

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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