



## Yavor-M LLPS LED Lamp with Motion Sensor Instruction Manual

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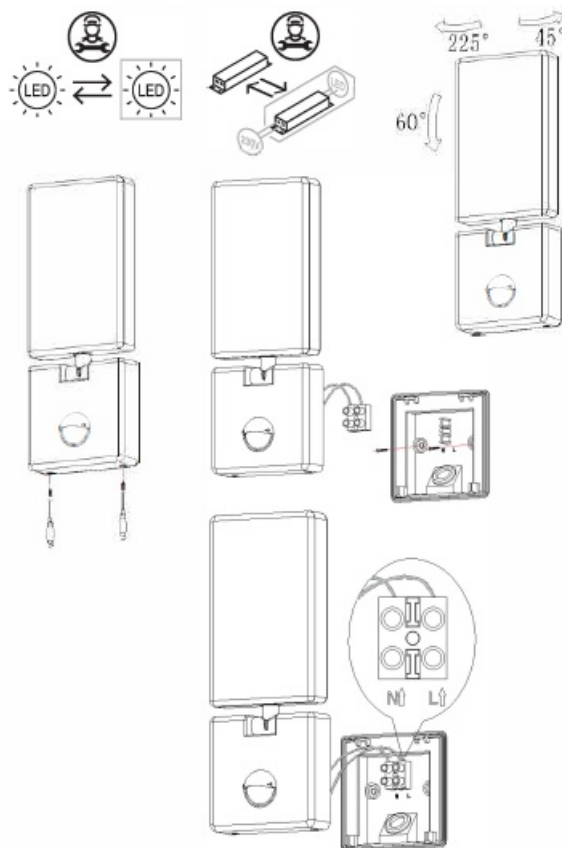
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# Yavor

Yavor-M LLPS LED Lamp with Motion Sensor



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



## PRODUCT CHARACTERISTICS

- **Detection Range-**

.....  
140°

• **Power supply:**

..... 220V-240V

AC, 50-60 Hz

• **Power-**

.....  
10 W

• **Luminous flux**

.....  
1100 lm

• **Detection distance:**

.....  
max. 7 m

• **Installation height:**

..... 1.8 ~  
2.5 m

• **Working temperature range:**

..... -20°C + +40°C

• **Time delay:** ..... min. 10 sec ±3 sec (adjustable) max. 5 min  
±2 min (adjustable)

• **Ambient light:**

..... <3-2000 lx  
(adjustable)

• **Index of protection:**

.....  
IP65

• **Power consumption:**

.....  
0,5W

• **Working humidity:**

.....  
<93%RH

• **Detection moving speed:**

..... 0.6 – 1.5 mis

## NOTES AND INFORMATION

The motion sensor of the lamp is a passive infrared sensor, which detects (monitors) infrared rays (warmth) emitted by the objects that fall into its detection range. The sensor turns on i off the lamp, connected to it, depending on the change of the thermal background in the detection area. This is why it is not recommended to install the lamp LLPS in areas with great temperature amplitude- near air conditioners or heaters.

## SAFETY INSTRUCTIONS

Any action performed when the main power supply is on has a risk of electrical shock. The power supply must be turned off prior to installation. The lamp is designed to be installed in vertical position on still surfaces.

## **INSTALLATION**

1. Turn off the main power supply.
2. Screw off the nail on bottom of sensor lamp and unload the bottom.
3. Pass the wire through the hole in the bottom.
4. Connect according to the scheme below.
5. Install the sensor lamp in the position where you need with inflated screws.
6. Switch on the power and test it.

## **TESTING THE LAMP**

- Before switching the main power supply on, turn TIME knob anticlockwise to “minus” and the LUX knob anticlockwise to the symbol “sun”.
- Turn on the power supply and the lights will immediately turn on. 10 seconds  $\pm$  3 sec. later, the lamp will turn off automatically. If the sensor detects a moving object, it will work again normally.
- If a movement is detected in the controlled area, the sensor will turn on the lamp. If a movement is detected again during the time delay, the time will be recalculated based on the initial settings.
- To test the sensor sensitivity to ambient light, turn LUX knob clockwise to the symbol “half-moon”. If the ambient light is more than 3lx, the sensor will turn off the lamp, even if there is a movement in the detection area. If the ambient light is less 3lx, the sensor will turn on the lamp, once detecting a moving object.
- If the sensor is covered with a cloth or other non-transparent material, the lamp will be switched on and switched off after 10 seconds ( $\pm$ 3 sec)

## **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 „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 moving orientation is correct.
- 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.


## **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 “plus”.
- Check if the power corresponds to the instruction. Make sure there are no heaters in the sensor range.

**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.

**Documents / Resources**

	<p><a href="#">Yavor-M LLPS LED Lamp with Motion Sensor</a> [pdf] Instruction Manual</p> <p>2117, LLPS, LLPS LED Lamp with Motion Sensor, LED Lamp with Motion Sensor, Motion Sensor, Sensor</p>
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