V-TEC VT-8028 Infrared Motion Sensor Instruction Manual

Contents

V-TEC VT-8028 Infrared Motion Sensor

TECHNICAL DATA:

Power Sourcing:	220-240V/AC
Power Frequency:	50/60Hz
Ambient Light:	<3-2000LUX (adjustable)
Time Delay:	Min. 10sec±3sec Max. 15min±2min
Rated Load:	800W (Traditional Lighting) 400W (LED Lighting)
Detection Range:	180°
Detection Distance:	12m max (<24°C)
Working Temperature:-20~+40°C	
Working Humidity:	<93%RH
Installing Height:	1.8-2.5m
Power Consumption: approx 0.5W	
Detection Motion Speed:	0.6-1.5m/s

INTRODUCTION & WARRANTY

Thank you for selecting and buying V-TAC product. V-TAC will serve you the best. Please read these instruc-tions carefully before starting the installing and keep this manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best.The warranty is valid for 2 years from the date of purchase. The warranty does not apply to damage caused by incorrect installation or abnormal wear and tear. The company gives no warranty against damage to any surface due to incorrect removal and installation of the product. This product is warranted for manufacturing defects only. The product adopts good sensitivity detector and integrated circuit. It gathers automatism, convenience, safety, saving-energy and practical functions. It utilizes the infrared energy from human as control-signal source and it can start the load at once when one enters detection field. It can identify day and night automatically. It is easy to install and used widely.

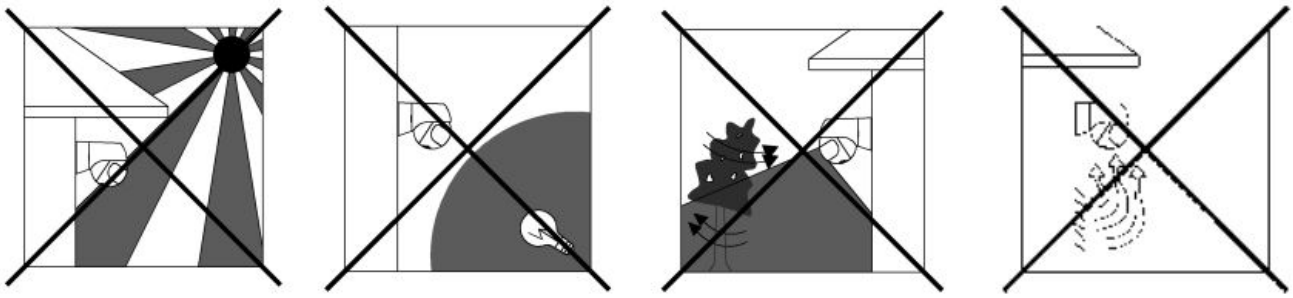
FUNCTION:

- Can identify day and night: The consumer can adjust working state in different ambient light. It can work in the daytime and at night when it is adjusted on the “sun” position (max). It can work in the ambient light less than 3LUX when it is adjusted on the “3” position (min). As for the adjustment pattern, please refer to the testing pattern.
- Time-Delay is added continually: When it receives the second induction signals within the first induction, it will restart to time from the moment.

INSTALLATION ADVICE:

As the detector responds to changes in temperature, avoid the following situations:

- 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.



INSTALLATION DIAGRAM:

- Loosen the screw in the back and unload the bottom (refer to figure 1).
- Find the wire hole with gasket in the downside of the sensor and pass the power wire through hole. Connect the power wire into connection-wire column according to the connection-wire diagram.
- Fix the bottom with inflated screw on the selected position.
- Install back the sensor on the bottom, tighten the screw and then test it.

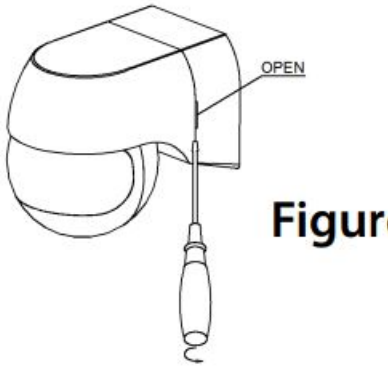


Figure1

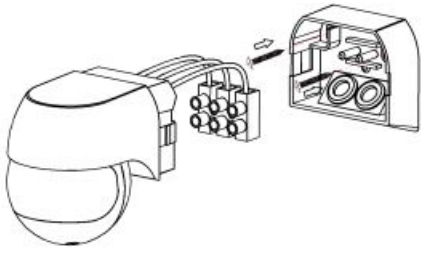
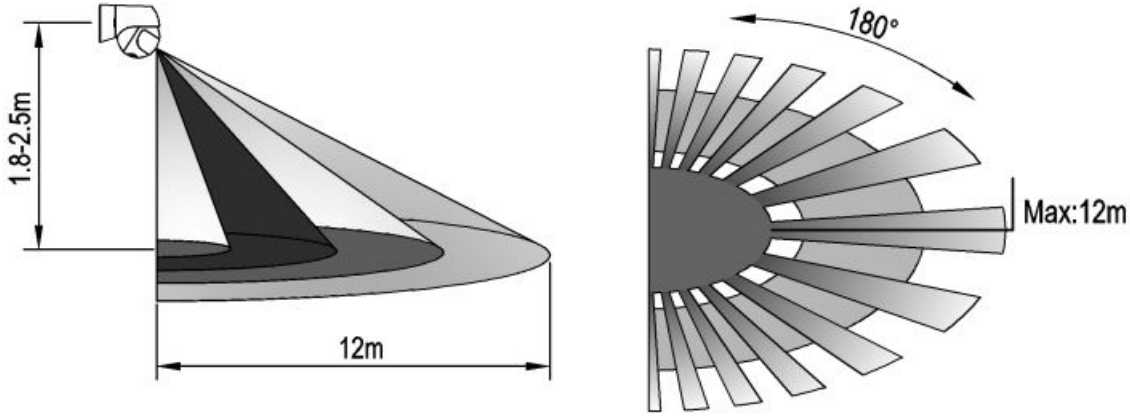


Figure 2

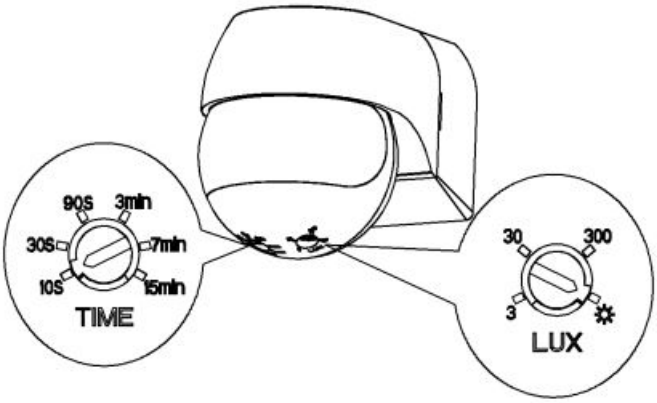
SENSOR INFORMATION



Height of installation: 1.8-2.5m Detection Distance: Max12m

TEST:

- Turn the TIME knob anti-clockwise on the minimum (10s). Turn the LUX knob clockwise on the maximum (sun).
- Switch on the power; the sensor and its connected lamp will have no signal at the beginning. After Warm-up 30sec, the sensor can start work .If the sensor receives the induction signal, the lamp will turn on. While there is no another induction signal any more, the load should stop working within 10sec±3sec and the lamp would turn off.
- Turn LUX knob anti-clockwise on the minimum (3). If the ambient light is more than 3LUX, the sensor would not work and the lamp stop working too. If the ambient light is less than 3LUX (darkness), the sensor would work. Under no induction signal condition, the sensor should stop working within 10sec±3sec.



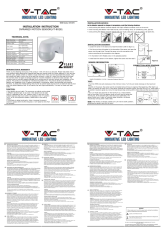
NOTE: when testing in daylight, please turn LUX knob to (SUN) position, otherwise the sensor lamp will not work!

WARNING:

1. Please make sure to turn off the power before starting the installation.
2. Must be installed by professional electrician.

Caution, risk of electric shock. This marking indicates that this product should not be disposed of with other household wastes.
IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: **SUPPORT@V-TAC.EU**
FOR MORE PRODUCTS RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS.
V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

Documents / Resources

	V-TEC VT-8028 Infrared Motion Sensor [pdf] Instruction Manual VT-8028 Infrared Motion Sensor, VT-8028, Infrared Motion Sensor

References

- TAC.EU