

USER'S MANUAL

GB NL FR D



DECLARATION OF CONFORMITY

Company:	TE-GROUP nv
Address:	Kapelsestraat 61, 2950 Kapellen - BELGIUM

declare, that the following equipment:

Product Name:	Quintezz LED Sensor Floodlight 10W
Product Type:	LED Sensor Floodlight

complies with the essential requirements, which are specified in the directive 2004/108/EC and 2006/95/EC on the approximation of the laws on the Member States relating to electromagnetic compatibility.

The product has been tested against the followings standards and specifications, applying versions valid in June, 2014:

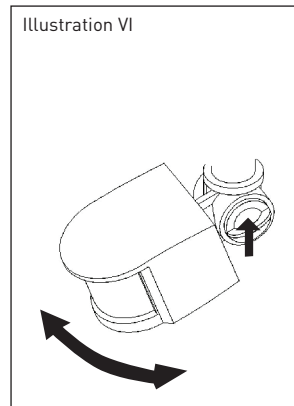
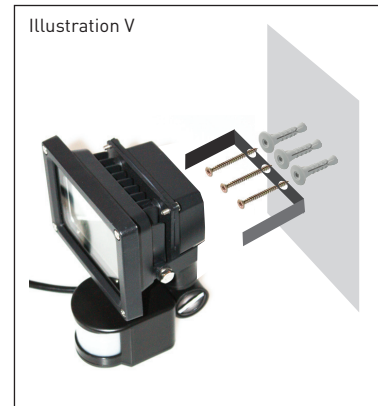
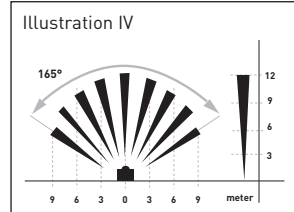
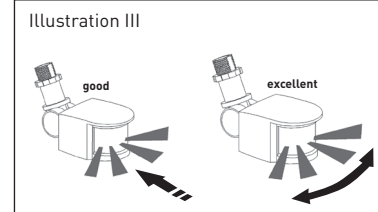
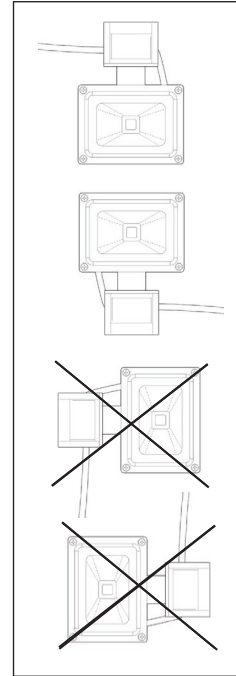
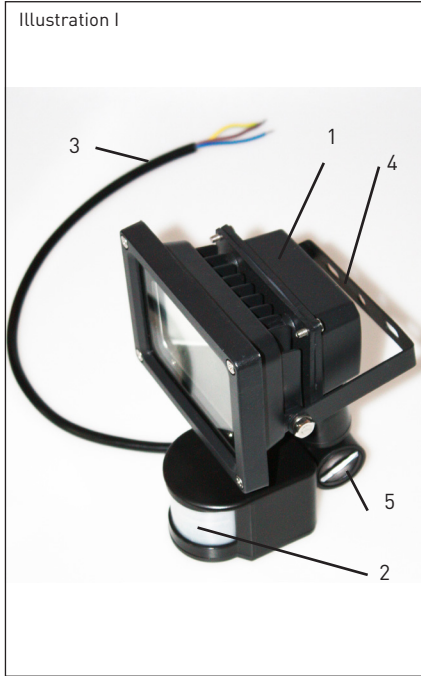
- EN 55015:2006+A1:2007+A2:2009
- EN 61547:2009
- EN 61000-3-2:2006+A1:2009+A2:2009
- EN 61000-3-3:2008
- EN 60598-2-5:1998
- EN 60598-1:2008+A11:2009
- EN 62031:2008
- EN 62493:2010



Joseph Van Oosterum, CEO TE-Group, June 2014

----- Manual/LED Sensor Floodlight 10W/07-14/V04-----
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ILLUSTRATIONS



QUINTEZZ LED SENSOR FLOODLIGHT

See Illustration I

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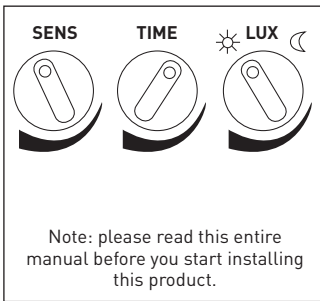
- 1) Floodlight
- 2) PIR Motion Sensor
- 3) Wiring cable + connector
- 4) Mounting bracket
- 5) Adjustment knob

INTRODUCTION

Your QUINTEZZ LED sensor Floodlight is a unique indoor or outdoor lighting system for your home or business. At night, the built-in infrared (PIR) motion sensor turns on the Floodlight when it detects motion in its detection field. The built-in light sensor can be activated during the day in order to save electricity. An adjustable timer makes you able to select how long the Floodlight needs to stay on after activation.

A 10W LED light is installed which can be adjusted thanks to the 3 different knobs located at the bottom of the motion sensor:

- 1) **SENS (SENSITIVITY):** SENS knob controls the sensitivity, the detection area : lowest sensitivity = detects all motion within 5m, highest sensitivity = detects all motion within 12m.
- 2) **TIME:** TIME knob controls how long the Floodlight will stay on after the last motion has been detected. The minimum TIME is 10sec., the maximum TIME is 7min.
- 3) **LUX:** LUX knob determines at what light level the Floodlight will start working, so it actually controls the built-in light sensor.



SAFETY PRECAUTIONS

- Do not install when it is raining
- Make sure you switch off the power before installation
- Make sure that the power wiring comes from a circuit with a suitable fuse or circuit breaker
- Make sure that there are no objects within a range of 80 cm from the Floodlight
- Do not remove the adjustment knob [5]
- Do not remove the Floodlight head assembly and motion sensor from the base, so as to avoid any rotation
- The unit can only be installed horizontally, not vertically as shown on *illustration II*.

IMPORTANT

Some countries may require installation of this product by a qualified electrician. Please check the laws and requirements in your country. If the house wiring is of aluminum, consult with an electrician about proper wiring methods. Before proceeding the installation, TURN OFF THE POWER TO THE LIGHTING CIRCUIT AT THE CIRCUIT BREAKER OR FUSE BOX TO AVOID ELECTRICAL SHOCKS.

CHOOSE A MOUNTING LOCATION

- For the best results, fix the Floodlight on a solid surface at a height between 2.0 ~ 2.3 m.
- For outdoor installation: a location under eaves is preferable
- Avoid aiming the motion sensor at pools, heating vents, air conditioners or objects which may change temperature rapidly
- Try to avoid pointing the Floodlight at trees or shrubs or where the motion of pets may be detected
- Before mounting, please keep in mind that the motion sensor is most sensitive to all motion appearing across the sensor and less sensitive to all motion appearing directly towards the sensor (See *Illustration III*.)

INSTALLATION

Make sure you have a screwdriver and drill ready. Select a location for the unit, based on the coverage angles shown in *Illustration IV*.

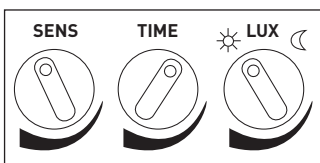
WIRING INSTRUCTION

- 1) Switch off the power source
- 2) Remove the mounting bracket from the Floodlight. Drill the wall and screw the bracket onto the wall using suitable wall plugs and screws (not included). Check that the bracket is securely fitted onto the wall. See *illustration V*.
Note: at this stage, do NOT re-attach the Floodlight to the bracket.
- 3) Strip approximately 6-8 mm insulating part of the power cable and original wire (if needed). Before connection make sure that the wiring box gasket is firmly seated in its original place.
- 4) Connect the BROWN wire (live wire +) to the terminal block "L" mark. Connect the BLUE wire (Neutral wire) to the terminal block "N" mark. Connect the YELLOW/GREEN wire (earthing wire) to the terminal block ⚡ mark. (in case there is an earthing wire).
- 5) Re-attach the Floodlight to the bracket and secure the cable to the wall using suitable clips (not included). Ensure that the cable is not touching the body of the Floodlight and that there is sufficient slack in the cable to allow the Floodlight to be tilted and adjusted as required which should be done by grasping the metal body of the Floodlight and determining its position.
- 6) Use the adjustment knob [5] to rotate/turn the Motion Sensor in the perfect position. (See *illustration VI*).

SETTINGS

1) TEST MODE

- Turn the SENS knob clockwise to the maximum setting.
- Turn the TIME knob anti-clockwise to the minimum setting.
- Turn the LUX knob clockwise to the maximum 'sun' (☀️) setting.



- When you switch on the power, the controlled power load will not yet work. Preheating will take 30 sec. As soon as the sensor detects motion, the Floodlight will turn on. When the Floodlight turns off, it will turn on again when the sensor detects motion within 5-15 sec.
- Afterwards make the Floodlight turn itself on after 5-10 sec. This should work now. When there is no motion signal in the sensor, the Floodlight will turn off.
- Turn the LUX knob anti-clockwise to the minimum. If it is set to less than 3 LUX (dark), the light and sensor will not work when testing in daylight. If you cover the detection window by an opaque object (a towel for example), the light will turn on. When there is no motion signal, the light will turn off within 5-15 sec.
- Adjust the motion sensor to choose and set the desired detection field. For a smaller detection field, point the sensor down; for a larger detection field, point the sensor up.

Attention: when testing in daylight, please turn LUX knob to the SUN ☀️ position, otherwise the Floodlight will not turn on!

Note:

- Should be installed by an electrician or experienced person
- Avoid installation on objects that can move/shrink/expand ...

POSSIBLE PROBLEMS

When sensitivity is poor:

- Make sure that the detection window is free from dust and dirt which can affect the sensitivity
- Make sure that the ambient temperature is not too high
- Make sure that the motion signal is located within the detection field
- Make sure that the installation height corresponds to the recommended height (between 2.0 ~ 2.3 m)
- Make sure that the motion sensor is correctly oriented to detect motion signals

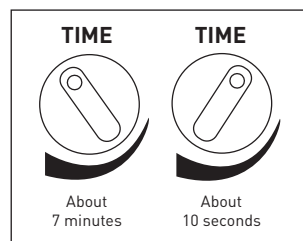
When the Floodlight does not turn off automatically:

- Make sure there isn't a continuous motion signal within the detection field
- Make sure that the TIME setting is not set to the maximum
- Make sure that the power corresponds to the instructions
- Make sure that the temperature near the sensor cannot change rapidly caused by e.g. air condition, central heating, ...

2) TIME ADJUSTMENT

The TIME adjustment determines how long the Floodlight will stay on after the last motion has been detected.

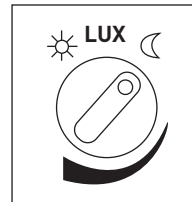
- Turn the motion sensor TIME knob counter-clockwise to increase (up to about 7 minutes) the amount of TIME the Floodlight will stay on.
- Turn the motion sensor TIME knob clockwise to decrease (down to about 10 seconds) the amount of TIME the floodlight will stay on.



3) LUX ADJUSTMENT

LUX knob determines at what light level the Floodlight will start working, so it actually controls the built-in light sensor.

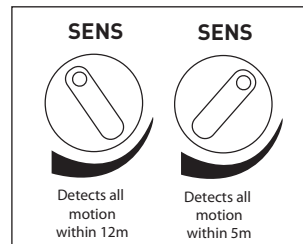
- Temporarily turn the LUX knob counter-clockwise to the moon (dusk) (☾) setting. In this provisional setting mode the motion sensor remains inactive during daylight.
- At dusk when you find it is the desired night level to start working, simply set it to the position it needs to become operative as daylight declines.



4) SENS ADJUSTMENT

SENS knob controls the sensitivity, the detection area : lowest sensitivity = detects all motion within 5m, highest sensitivity = detects all motion within 12m.

- Turn the motion sensor SENS knob counter-clockwise to decrease the sensitivity (lowest level = within 5 meters)
- Turn the motion sensor SENS knob clockwise to decrease the sensitivity (highest level = within 12 m)



OPERATION

Turn on the wall switch (if applicable). When the sensor detects motion, the Floodlight will automatically turn on. The built-in light sensor turns the sensor off and on according to the light and time level set by the LUX and TIME knob.

TROUBLESHOOTING

Light does not turn on:	<ul style="list-style-type: none"> • Make sure that you have made a correct "wiring connection", if the load is correctly and there is 100-230V power.
Sensitivity is poor:	<ul style="list-style-type: none"> • Make sure that the LUX knob is correctly set • Make sure that the SENS knob is correctly set (also check "Settings / 1. test mode / possible problems")
Light remains ON:	<ul style="list-style-type: none"> • Make sure that you have made a correct "wiring connection" • Make sure that the TIME knob is correctly set • Make sure that the LUX knob is correctly set
Others	Consult your local service agent concerning safety, protections, regulations, ...

SPECIFICATIONS

Detection method	Passive infrared
Power requirement	85 ~240 V / 50-60 Hz
Lighting Load	Max. 10W LED
Standby Current	0,45 Watt
Operating Current	0,10 Watt
Power Cord Requirement	H05RN-F, 3G, 1.0 mm²
Sensor Power	
Protection Class	Class I
Waterproof	IP65
Operating	
Temperature	-20° C to + 40° C
	<12M at 20° C
SENSor adjustments	
Swiveling Angle	Horizontal 330° Vertical 30°
Detection Angle	110°
TIME Adjustment	From 10 +- 3 sec .to 7 +- 2 minutes
LUX adjustment	3-2000 LUX
SENS adjustment	5-12 m
Mounting height	2,0 ~2.3 M, 1.8 to 2 M Wall Mount
Switch Functions	SENS, TIME & LUX
Led Light Adjustments	
Adjustable Angle	Vertical 180 °

SUPPORT

For all product related questions, please contact: support@quintezz.com or check our website www.quintezz.com for more information.

GUARANTEE

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