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HOFTRONIC 2702755 Series LED Floodlight with PIR Sensor User Manual

HOFTRONIC™

C E **USER MANUAL**
LUMOS LED FLOODLIGHT
PIR SENSOR

Contents

2702755 Series LED Floodlight with PIR Sensor

	💧	IP65 Rating
	🛡2	2 Year Warranty
SKU	2702748 2702755 2702762 2702779	

IMPORTANT SAFETY DETAILS

1. Ensure the AC/Mains power is NOT connected and cannot be unexpectedly reconnected during installation.
2. This product must be installed by a qualified electrician in accordance with instructions provided and in compliance with recognised electrical and safety regulations relevant to the country it is being installed.
3. This product may NOT be installed by minors or people with a mental disability.
4. The light source contained in this floodlight shall only be replaced by the manufacturer or his service agent or a similar qualified person.
5. Turn off the main power before maintenance. If not, it may cause the risk of electric shock and fire.
6. If installed incorrectly it may cause the floodlight to drop down.
7. This product is not dimmable, do not install this product to a dimmer.
8. This product is designed for indoor and outdoor use.
9. Stop use and replace if the product becomes dim, out of order or begins to blink.
10. If failure occurs, do not attempt to repair product.

Warranty: This product is warranted from manufacturing defects only. This warranty is valid for 2 years from the date of purchase. This warranty does not apply to damage caused by the user when installed incorrectly. wrong usage of the product or modifying the product. The manufacturer gives no warranty against damage to any surface due to incorrect removing or applying this product.

NOTICE
– When the floodlight is installed outdoors or in a moisty environment, a waterproof cable connector or waterproof junction box is required.
– If the power cable from the lamp body is damaged, it cannot be replaced. As the cable is fixed inside the lamp body.
– The light source in this floodlight and the LED driver can not be replaced.
– Careful, the height of installation of the floodlight should not be higher than 9 meters.

TOOLS REQUIRED

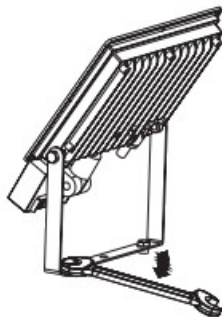For an easy installation there are some tools required.
– Adjustable spanner for the mounting screws
– Waterproof cable connector for 3 wires

INSTALLATION DETAILS

1. Face the mounting bracket with mounting holes to position where the lamp should be fixed on a surface like a wall, ceiling, roof, etc.
2. Make sure the power cable is installed properly before installation and that the power is off.
3. When the mounting holes are on the right position you can draw markings on the surface with a pencil or another tool. Now store the floodlight away so you can start drilling holes on the markings.
4. Place the mounting base and start to affix the floodlight.
5. Adjust the screws on the sides of the floodlight to put the floodlight in the desired angle.
6. Connect the power cable to the mains power. The three-core cable of the floodlight has 3 wires, the blue wire needs to be connected to the N-line (blue on blue), the brown wire needs to be connected to the L line (brown on brown), the final yellow/green wire is the earth wire PE.
   Note: always use a waterproof cable connector
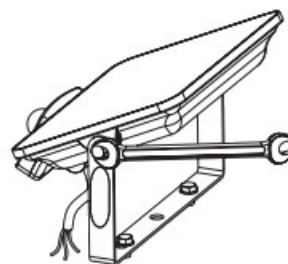7. Now you can turn on the mains power and the light will turn on.

BROWN: L

BLUE: N

YELLOW/GREEN: ⏚

SENSOR FUNCTIONS

1. The floodlight sensor can operate during daytime and night, when the setting is adjusted to the "sun" position (MAX). The floodlight sensor can also operate in ambient light with less than 3LUX, when the setting is adjusted to the "moon" position (MIN). The ambient setting can also be adjusted according to the users preferences.

2. The movement detection can be used according to using the location distance from the sensor. When the detection distance should work within 3 meters. the setting should be on low sensitivity. It means the sensor will only detect movement up to 3 meters distance. When the detection distance should work up to a bigger distance, up to 10 meters, the setting should be on high sensitivity. This setting is mostly used for outside usage and in big areas with a lot of space.

3. The time-delay setting is added continuously when the sensor is triggered. When the sensor triggered, it will be activating the floodlight for a set time. As there is a second trigger within the first induction, the sensor will restart to time from the new moment.

INSTALLATION ADVICE

For optimal sensor operation, be aware that the sensor responds to changes in temperature, avoid the following situations:
– Avoid facing the sensor to a highly reflective surface. such as mirrors, glass etc.
– Do not place the sensor closeby heat sources. cooling systems or inside high temperature rooms/areas.
– Also avoid the sensor facing to easily moving objects by the wind such as plants, curtains etc.

TESTING THE SENSOR

1. Adjust the SENS knob to the max position (+), turn the LUX knob on the max position as well (sun) and adjust the TIME knob to the minimum setting (-).

2. Turn on the mains power, the sensor and floodlight will have no signal when starting up. After the sensor is warmed up for about 30seconds, the sensor is active. When the sensor receives a signal by detection, the lamp will turn on. If there is no other induction signal, the load from the sensor will stop working and the lamp will shut off within 10-15 seconds.

3. Adjust the LUX knob to the minimum setting (moon). If ambient light is more than 3 LUX. the sensor will not be able to activate and the lamp will turn off too (or stays off). When the ambient light is less than 3 LUX, the sensor will not work. While there will be no induction signal, the sensor will be inactive within 10-15 seconds.

Note: When testing in daylight. turn LUX knob to the "sun" setting, otherwise the sensor cannot work and the lamp will also not work.

INTENDED USE / APPLICATION

Product designed for the use in households and for other similar general applications.

MOUNTING

Technical changes reserved. Read the manual before mounting. Mounting should be performed by an appropriately qualified person. Any activities to be done with disconnected power supply. Exercise particular caution. Product has a protective contact/terminal. Failure to connect the protective lead may lead to electric

shock. Mounting diagram: see pictures. Check for proper mechanical fastening and connection to electrical power prior to first use. The product can be connected to a supply network which meets energy quality standards as prescribed by law. To maintain the proper IP protection level, the right diameter of the power cable should be selected for the cable gland used in the product.

FUNCTIONAL CHARACTERISTICS

Product can be used indoors and outdoors.

USAGE GUIDELINES / MAINTENANCE

Any maintenance work must be performed when the power supply is cut off and the product has cooled down. Clean only with soft and dry cloths. Do not use chemical detergents. Do not cover the product. Ensure free air access. Product may heat up to a higher temperature. Product can only be supplied by rated voltage or voltage within the range provided. It's forbidden to use the product with damaged protective cover. Product must not be used in unfavourable conditions, e.g. dust, water, moisture, vibrations, explosive air atmosphere, fumes, or chemical fumes, etc. Non-demountable product. Not suitable for independent repairs.

ENVIRONMENTAL PROTECTION

Keep your environment clean. Segregation of post-packaging waste is recommended. This labelling indicates the requirement to selectively collect waste electronic and electrical equipment. Products labelled in this way must not be disposed of in the same way as other waste under the threat of a fine. These products may be harmful to the natural environment and health, and require a special form of recycling/neutralising. Products labelled in this way should be returned to a collection facility for waste electrical and electronic goods. Information on collection centres is provided by local authorities or sellers of such goods. Used items can also be returned to the seller when new product is purchased, in quantity no larger than the purchased item of the same type. The above rules regard the EU area. In the case of other countries, regulations in force in a given country must be applied. Contacting the distributor of our products in a given area is recommended.

COMMENTS / GUIDELINES

Failure to follow these instructions may result in e.g. fire, burns, electrical shock, physical injury and other material and non-material damage. For more information about Hoftronic products visit www.hoftronic.com. Hoftronic shall not be responsible for any damage resulting from the failure to follow these instructions. Hoftronic reserves the right to make changes in the manual- the current version can be downloaded at www.hoftronic.com.

DECLARATION OF CONFORMITY

DOCUMENTATION

This product has been manufactured and supplied in compliance with all relevant regulations and directives applicable to all member states of the European Union. The product complies with all applicable regulations and rules in the country of sale.

Formal documentation such as the declaration of conformity, the safety data sheet and the product test report is available upon request.

CE DECLARATION

The product complies with the following directives:

LVD: 2014/35/EU

EMC: 2014/30/EU

RoHS: 2011/65/EU

The complete Declaration of Conformity Document (DOC) is available upon request.

HOFTRONIC™

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Documents / Resources

HOFTRONIC™ LUMOS LED FLOODLIGHT PIR SENSOR USER MANUAL	**HOFTRONIC 2702755 Series LED Floodlight with PIR Sensor** [pdf] User Manual 2702748, 2702755, 2702762, 2702779, 2702755 Series LED Floodlight with PIR Sensor, 2702755 Series, LED Floodlight with PIR Sensor, Floodlight with PIR Sensor, with PIR Sensor, PIR Sensor, Sensor

References

- **H HOFTRONIC - HOFTRONIC**
- **User Manual**