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DREAMLED FDLS-30 LED Flood Light 30 Watt with Sensor User Manual

DREAMLED FDLS-30 LED Flood Light 30 Watt with Sensor

INTRODUCTION

Your dreamed 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 30W LED light is installed which can be adjusted thanks to the 3 different knobs located on the motion sensor:

- SENS (SENSITIVITY): SENS knob controls the sensitivity, the detection area : lowest sensitivity = detects all motion within 2m, highest sensitivity = detects all motion within 8m.
- LUX: LUX knob determines at what light level the Floodlight will start working, so it actually controls the built-in light sensor (Night = 5 LUX ~ Day = 2000 LUX)
- TIME: TIME knob controls how long the Floodlight will stay on after the last motion has been detected. The minimum TIME is 7 sec., the maximum TIME is 7 min.\
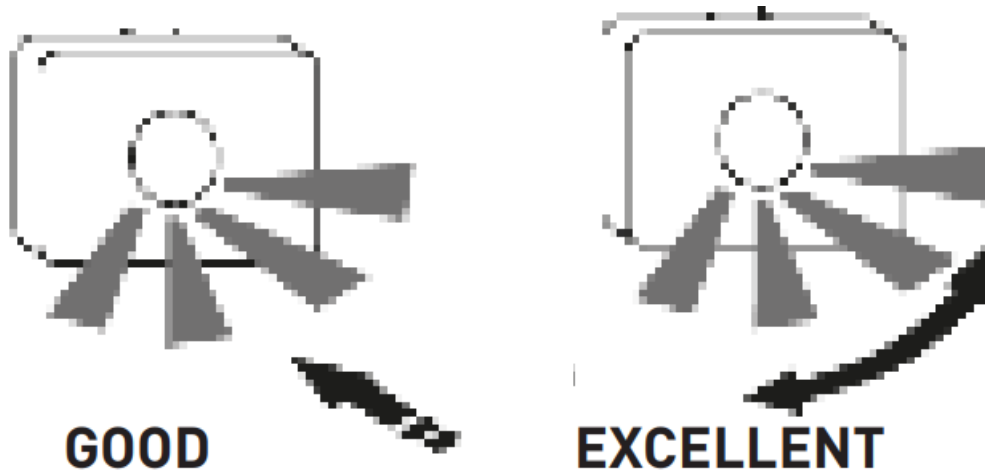
SAFETY PRECAUTIONS

- 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 100 cm from the Floodlight
- Do not remove the Floodlight head assembly from the base, so as to avoid any rotation.
- The mounting bracket can only be installed horizontally, not vertically.
- Do not use with dimmers.
- The LED source is not replaceable.

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 1,8 ~2,5 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.

GOOD   EXCELLENT

WIRING & INSTALLATION INSTRUCTIONS

See Illustrations II & III

1. Switch off the power source.
2. 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.
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.

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).

4. The connection must be made in a waterproof housing, for example a junction box.
5. 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. Adjust the motion sensor to point it in the perfect position.

Note:

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

SETTINGS

TEST MODE

- Turn the SENS knob clockwise to the maximum setting.
- Turn the LUX knob clockwise to the maximum (SUN) setting.
- Turn the TIME knob counterclockwise to the minimum setting.
- When you switch on the power, the lamp will turn on. After the time of the TIME setting is passed without motion, and/or when there is enough environmental light, the lamp will turn off.
- Now you can test the lamp and the sensor. If all is OK, you can adjust the settings to your preferences.
- Turn the LUX knob counterclockwise to the minimum. If it is set to less than 5 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!

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 1.8 ~ 2.5 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, …

SES ADJUSTMENT
SENS knob controls the sensitivity, the detection area : lowest sensitivity = detects all motion within 2 m, highest sensitivity = detects all motion within 10 m.

- Turn the motion sensor SENS knob counterclockwise to decrease the sensitivity (lowest level = within 2 m)
- Turn the motion sensor SENS knob clockwise to increase the sensitivity (highest level = within 10 m)

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 counterclockwise 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.

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

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:
Make sure that you have made a correct "wiring connection", if the load is correct and there is 220 ~ 240 V power, and the fuse is not "blown"

Sensitivity is poor:

- 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:

- 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

SUPPORT

For all product-related questions, please contact: support@dream-led.eu or check our website www.dream-led.eu for more information.

GUARANTEE

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DECLARATION OF CONFORMITY

conforms with the following safety requirements of the directives 2011/65/EU, 2015/863/EU, 2014/30/EU, 2014/35/EU. Conformity is guaranteed by the CE symbol. This product has been tested against following standards and specifications. The full text of the EU declaration of conformity is available at the following internet address: **http://www.dream-led.be/DOC_FDLS-30** est conforme aux exigences de sécurité suivantes des directives 2011/65/EU, 2015/863/EU, 2014/30/EU, 2014/35/EU.

Documents / Resources

	DREAMLED FDLS-30 LED Flood Light 30 Watt with Sensor [pdf] User Manual FDLS-30, LED Flood Light 30 Watt with Sensor

References

- 🌐 **For Sale - Safenames Domain**
- 🌐 **dream-led.eu**