

LED Floodlight – Installation Instructions

Before starting installation, please read these instructions carefully. Failure to follow them could lead to risk of injury or electrical shock. Please retain them for your future reference.

Safety Notes

- LED lamps are extremely bright. To avoid possible damage to the eyes, do not stare into an LED beam.
- In use, avoid touching any external surface of the floodlight, due to the possibility of high temperatures.
- The floodlight is suitable for connection to a 220-240V 50Hz, earthed socket outlet.
- If the mains cord lead of this floodlight is damaged, it shall be replaced by the manufacturer or his service agent or a similar qualified person to avoid a hazard.
- The floodlight is suitable for use in an ambient temperature of between -20°C and +50°C.
- The floodlight can under no circumstance be mounted on normally flammable surfaces.

Installation

This floodlight is suitable for both indoor and outdoor lighting applications, for domestic use only. It has an IP rating of IP65. This means that it is dust tight and will prevent the ingress of water from water jets.

Do not use in areas where an explosive or chemical atmosphere may exist. Do not use in areas where ventilation is restricted.

The floodlight must be positioned so that there is at least 0.5m (500mm) between the front of the floodlight and the surface to be illuminated.

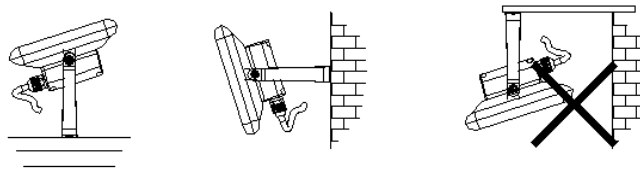
Ensure that there is space around the floodlight to allow adequate circulation of air.

It is suitable for mounting on plasterboard, wood or masonry surfaces. Highly flammable surfaces such as plastic or polystyrene must not be used. Do not install on damp or conductive surfaces such as metal. It should be placed away from any flammable materials.

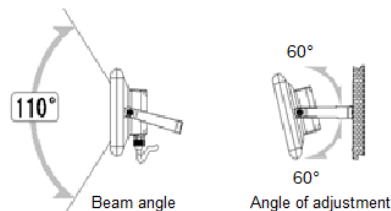
Before drilling any fixing holes, check that there are no hidden obstructions behind the mounting surface such as pipes or cables

The recommended height for installation of the floodlight is between 2 and 3 meters.

Orientation of the floodlight is important as shown below:



The floodlight can be adjusted upwards and downwards at an angle of 60°. The floodlight has a beam angle of 110°



Ensure that the mains plug is disconnected from the mains socket outlet before commencing installation.

Check that you have all the tools that you need.

1. Check that the floodlight and its mains lead are not damaged. If there is any damage, return it to the place where you purchased it. Do not attempt to repair it yourself.
2. Choose your location to fix the floodlight, taking into account the comments above

3. Use the floodlight bracket to mark the position of the fixing holes.
4. Drill the fixing holes, and fix the floodlight into position using the screws and wall plugs provided.
5. Check that it is securely fixed.
6. Plug the floodlight into the mains socket and switch on. Adjust the angle of the floodlight so that it illuminates the required area. Tighten the floodlight using the bolts on the brackets.

Installation Outdoors

This flood light is fitted with a 13A plug for connection to a socket installed in accordance with the current IET Wiring Regulations (BS7671). These require RCD protection as well as protection from moisture. If you are in any doubt, obtain advice from a qualified electrician.

Follow the instructions for installation above.

Cleaning

Clean the floodlight only with a soft dry cloth. Do not use any abrasive or chemical cleaners. Unplug and allow to cool down before cleaning.

Maintenance

The floodlight has a sealed LED lamp and is maintenance free. The LED lamp cannot be replaced. When the LED lamp reaches the end of its life, the floodlight will have to be replaced.

Specification

	LP07816	LP07817	LP07818
Input voltage	220-240V50Hz	220-240V 50Hz	220-240V 50Hz
Lumens	1000lm	2000lm	2250lm
Wattage	10W	20W	25W
Beam angle	110°	110°	110°
Dimmable	No	No	No
Nominal lifetime of the lamp	30000 h	30000 h	30000 h
Number of switching cycles	15000	15000	15000
Colour temperature	6500 K	6500 K	6500 K
Colour rendering (CRI Ra)	≥ 70	≥ 70	≥ 70
Warm up time (60% full light)	Instant full light	Instant full light	Instant full light
Ingress rating	IP65	IP65	IP65
Earthing	Class I	Class I	Class I
Maximum projected area of the floodlight (mm)	120 x 85	120 x 85	120 x 85
Dimensions (mm)	174 x 140 x 65	174 x 140 x 65	174 x 140 x 65
Weight	1.06 kg	1.06 kg	1.06 kg



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronics Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.



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