

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.

This floodlight must be installed by a qualified electrician in accordance with current building and IET wiring regulations.

Safety Notes

- The front of this floodlight is made of tempered glass, which cannot be replaced. Please take care while installing. **If it gets damaged, the floodlight must be replaced and disposed of.**
- 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.
- 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 can under no circumstance be mounted on normally flammable surfaces.
- The floodlight is suitable for use in an ambient temperature of between -20°C and +50°C
- **Terminal block not included. Installation may require advice from a qualified person.**

Positioning

This floodlight is suitable for outdoor lighting applications, for domestic use only. Do not use in areas where an explosive or chemical atmosphere may exist. Do not use in areas where ventilation is restricted

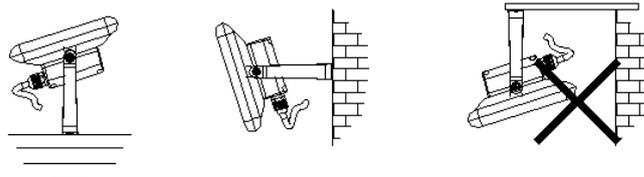
It is suitable for mounting on plasterboard, wood or masonry surfaces. Highly flammable surfaces such as plastic or polystyrene must not be used. Do not install on damp or conductive surfaces such as metal. It should be placed away from any flammable materials.

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 metres.

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

Orientation of the floodlight is important as shown below:



Installation

The floodlight is suitable for connection to a 220-240V , 50Hz, earthed supply. It is designed for permanent connection to fixed wiring, which must be a suitable circuit protected by an RCD and fuse of the correct rating.

Ensure that the mains supply is switched off before commencing installation. If necessary remove the circuit fuse or lock off the MCB

Before commencing installation check that you have all the tools that you need.

- 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.
- Choose your location to fix the floodlight, taking into account the guidance above.
- Use the floodlight bracket to mark the position of the fixing holes
- Drill the fixing holes, and fix the floodlight into position using the screws and wall plugs provided. Check that it is securely fixed.
- Connect the mains lead from the floodlight to an IP rated junction box. Ensure that the correct polarities for Live, Earth and Neutral are observed i.e.

Connect the green/yellow earth wire to the earth terminal 'E'
 Connect the brown live wire to the live terminal 'L'
 Connect the blue neutral wire to the neutral terminal 'N'

After wiring, check that there are no bare wires, all the wires have been correctly connected and that the cable restraint has been tightened.

- Before connecting power, perform the electrical tests specified in the current building and IET Wiring regulations to ensure that the installation is safe and that the wiring has been performed correctly.
- Switch on the electricity to check that floodlight illuminates. Adjust the angle of the floodlight so that it illuminates the required area. Tighten the floodlight brackets

Cleaning

Clean the floodlight only with a soft dry cloth. Do not use any abrasive or chemical cleaners

Maintenance

The floodlight has a sealed LED lamp and is maintenance free. The LED lamp cannot be replaced

Specification

	LP07810	LP07811	LP07812	LP07813
Input voltage	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz	220-240V 50Hz
Lumens	800 lm	1500 lm	2000 lm	3000 lm
Wattage	10W	20W	30W	50W
Beam angle	120°	120°	120°	120°
Dimmable	No	No	No	No
Nominal lifetime of the lamp	30000 h	30000 h	30000 h	30000 h
Number of switching cycles	15000	15000	15000	15000
Colour temperature	6500 K	6500 K	6500 K	6500 K
Colour rendering (CRI Ra)	≥ 70	≥ 70	≥ 70	≥ 70
Warm up time (60% full light)	Instant full light	Instant full light	Instant full light	Instant full light
Ingress rating	IP65	IP65	IP65	IP65
Earthing	Class I	Class I	Class I	Class I
Maximum projected area of the floodlight (mm)	Needs a value inserting			
Dimensions (mm)	114 x 86 x75	180 x 140 x98	223 x 185x113	286 x 237 x155
Weight	1 kg	1.07 kg	1.08 kg	1.62 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.