

# PRO-ELEC



**Slim LED Floodlight 10W**

**Model: PEL00546  
and PEL01278**

Please read these instructions carefully before use and retain for future reference.

## IMPORTANT SAFETY INFORMATION

This floodlight must be installed by a qualified electrician in accordance with current Building and IET Wiring Regulations.

- This product must be connected to Earth (⊕).
- 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 disposed of and replaced.
- The light source of this luminaire is non-replaceable. When the light source reaches its end of life the whole luminaire shall be replaced.
- 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 floodlight due to the possibility of high temperatures.
- If the mains cord lead of this floodlight is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.
- The floodlight can be mounted on normally flammable surfaces.
- The floodlight is suitable for use in an ambient temperature of between -30°C and +40°C.
- Terminal block is not included. Installation may require advice from qualified personnel.

## 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 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 1.8 and 2.5 metres.
- Ensure that there is space around the floodlight to allow adequate circulation of air.
- Orientation of the floodlight is important as the following images show.

The floodlight has a beam angle of 110°. It can be tilted upwards at an angle of approximately 60° and downwards at angle of approximately 90°. The angle of adjustment will vary slightly between models.

## 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 an MCB or fuse of the correct rating.

Ensure that the mains supply is isolated before commencing the installation.

- Check that the floodlight is 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 appropriate size screws and wall plugs (not 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.
  - > Green/yellow - Earth terminal
  - > Brown - Live terminal 'L'
  - > Blue - 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 the 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 the floodlight illuminates. Adjust the angle of the floodlight so that it illuminates the required area. Tighten the floodlight using the bolts on the brackets.

## SPECIFICATIONS

<b>Voltage</b>	AC 220-240V 50-60Hz
<b>Power Consumption</b>	10W
<b>Light source</b>	Non replaceable SM LED module
<b>Beam Angle</b>	110 degrees
<b>Lumens</b>	800
<b>Temp(K)</b>	6000
<b>Dimmable</b>	No
<b>Equivalent Power</b>	60W

## CLEANING & MAINTENANCE

- Disconnect from the mains before starting the maintenance operation.
- Frequent cleaning is recommended. Use a soft lint-free moistened cloth.
- Do not use any chemicals, abrasives or solvents that could damage the device.
- There are no user-serviceable parts in this product. Refer all servicing to qualified personnel.



**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 & Electronic 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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