

EXTERNAL LIGHTING

Condition 29 of Planning Permission F/19/84937 requires details to be submitted to and approved in writing by the Local Planning Authority, of street lighting and external lighting.

This document confirms the details required under condition 29.

For street lighting, please refer to submitted plans:

TLA-VIV-BOO Lighting Layout

TLA-VIV-BOO2 Lighting Layout

For external lighting on individual plots, it is proposed that each dwelling is supplied with a half lantern light to the front and rear of the property.

Any apartments will be fitted with the same half lantern light, at communal entrances.

The half lanterns, specification below, will be positioned in close proximity to the doors and will be P.I.R operated (at the front of the property) with a two-and-a-half-minute automatic switch off setting, although this setting can be altered by the occupant if required. Half lanterns to the rear of the property will be switch controlled.



HALF LANTERN + 110°P.I.R.

Description

A decorative polycarbonate vandal resistant Half lanterns with an integral passive infra red detector (P.I.R.). That is designed to illuminate for approximately 2½ minutes when triggered by a moving heat source.

Mains supply - 230V~ 50Hz.

Power Rating: 250W maximum total.

Weather rating: IP44.

Suitable for outdoor use only.

Conforms to BS EN 60598-2-1.

This unit must be wired in accordance with all the latest relevant regulations.

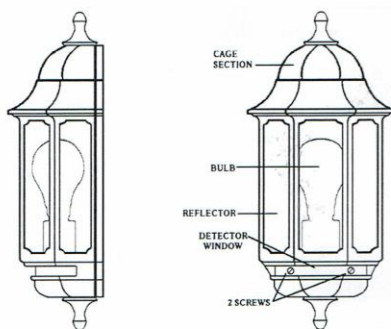
Location and Range

The Half lantern Should be mounted flush to a vertical wall ensuring that the detector head sits underneath the luminaire.

The P.I.R. range is dependent on the mounting height; typical range is 6 metres with a mounting height of 1.7 metres.

Ensure that direct light from any other lamp can not enter the sensor lens.

Product Diagram



Installation

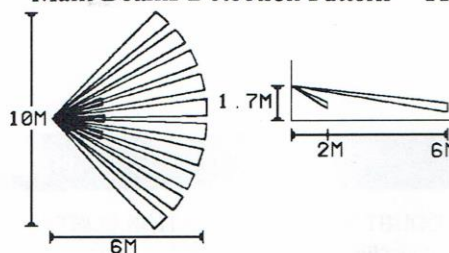
ISOLATE THE MAINS SUPPLY BEFORE WORKING ON THE INSTALLATION.

Avoid mounting the unit near sources of heat such as boiler vents as these could cause spurious triggering.

1. Remove the single screw on the bottom of the lantern. Unhook the front cage section.
2. Mark the wall using the base as a template and drill to suit.
3. Thread the incoming mains cable through the grommet. Fit the base plate to the wall using 2 screws and plugs (not supplied). Seal the cable entry & fixings with silicone sealant.
4. Wire the mains cable to the connector block, following the wiring diagram shown. Connect Live to 1, Neutral to N and Earth to $\oplus$. Note that the unit is a class 2 fitting and does not require an Earth. The Earth connector simply provides a safe place for the earth wire to be terminated or carried through to earth other fittings if used.
5. Fit the lamp
6. Hook the cage onto the top of the back plate and replace the screw.

Typical Beam Pattern

Main Beams Detection Pattern = 110°



The Half lantern P.I.R. is most sensitive when a body is moving across the beam and less sensitive directly into the beam

INS908