
Ace Lamps

A division of Direct Electrical Services

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INSTALLATION INSTRUCTIONS FOR MODEL NO: [YG3004](#), [YG3005](#) EXTERIOR WALL LIGHTS

WARNING: It is recommended that this luminaire be installed by a qualified electrician in accordance with current IEE wiring regulations & UK Building Regulations.



[View YG-3004 Wall Light with PIR](#)



[View YG-3005 Wall Light with PIR](#)

RECOMMENDED LOCATION

This unit is suitable for use outdoors on walls.

IMPORTANT NOTES:

The unit must be earthed.

We recommend the use of a qualified electrician for all electrical installations.

Installation must comply with current IEE Wiring regulations.

Run Supply wire from a 5-amp electrical supply using double insulated 3-core cable of type H05RN-F 1.0mm² (not supplied).

GENERAL NOTES: (Please retain for future reference).

INSTALLATION:

1. Switch off mains electrical supply before installation
2. Run cable (not supplied) from mains electrical supply to selected site, ensuring it is adequately protected through the full length of the cable run. Ensure that the backplate 1 (see figure A) is at a height of about 1.80metres from the ground. Except where installed in a conduit or duct which provides equivalent protection against mechanical damage, a cable buried in the ground shall incorporate an earthed armour or metal sheath or both, suitable for use as a protective conductor, or be of insulated concentric construction. Buried cables shall be marked by cable covers or a suitable marking tape. Buried conduits and ducts shall be suitably identified. Buried cables, conduits and ducts shall be at a sufficient depth to avoid being damaged by any reasonably foreseeable disturbance of the ground.
3. Strip outer sheath from the end of supply cable from unit for a length of approximately 20mm and separate brown, blue and green yellow wires and bare the ends for a length of approximately 5mm.
4. Using the plastic mounting plate as a template, mark position of fixing holes.
5. Drill holes and fit suitable wall fixing plugs.
6. Pass the supply cable through the rubber grommet in the mounting plate.
7. Ensure that the chromed hexagonal screws are located in the back of the mounting plate, and secure the mounting plate to the wall with suitable screws, ensuring that the arrow on the mounting plate is pointing up.
8. Connect the mains supply cable to the connector block as follows:
Incoming Live (Brown wire) to terminal block connector marked 'L'
Incoming Neutral (Blue wire) to terminal block connector marked 'N'
Incoming Earth (Green/Yellow wire) to terminal block connector
9. Secure rubber seal round front of plastic mounting plate.
10. Secure lantern to mounting plate with dome nuts provided, ensuring no wires are trapped or damaged.
11. Fit threaded rods provided in holes either side of head.
12. Fit lamp bulb of type and wattage recommended on the lamp holder. Do not exceed maximum wattage indicated.
13. Secure lid to head with dome nuts provided.
14. You can now switch on the mains supply to the lantern the lamp will light up immediately and will stay on from approximately **10sec's to 3min's**. This is the test mode so that you can check the wiring has been connected correctly.

The lantern will then switch off and remain non-operational until dark (working of the sensor is inhibited by a photocell mounted in-side the passive infrared detector).