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# Ace Lamps

A division of Direct Electrical Services

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## INSTALLATION GUIDE

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

INSTALLATION INSTRUCTIONS FOR FOLLOWING MODELS OF LAMP POST CLICK ON THE MODEL TO VIEW PRODUCT DESCRIPTIONS

[YG1005](#), [YG3010](#), [YG3011](#), [YG3012](#), [YG3013](#), [YG4502](#), [YG4503](#), [YG8003](#), [YG0923](#).



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## RECOMMENDED LOCATION

This unit is suitable for use outdoors

## IMPORTANT NOTES:

The unit must be earthed.

We recommend the use of 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 1.0mm sq (not supplied).

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GENERAL NOTES:

## 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. 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. If installing on existing concrete base, use holes in base as a template to drill suitable fixings holes. Prepare with suitable ground fixings bolts (not supplied).
4. If installing using the ground anchor plate, dig a hole in settled ground approximately 25 cm x 25 cm x 14 cm deep.  
Ensure 20cm of supply cable will be available above the ground level of the hole.  
Twist the three anchor bolts into the holes of the anchor plate.  
Ensure that when the anchor plate is level with the base of the lamp, there is enough thread protruding to fit both the spring washers and dome headed fixing nuts supplied. Wrap insulating tape around the thread.  
Pour 4cm of prepared concrete in the bottom of the foundation hole. While the concrete is still wet, place the assembled anchor plate in the concrete so that the bolts are vertical.  
Pour more concrete into the foundation hole until it reaches ground level.  
Remove the insulation tape from the threaded part of the bolts, and double check there is enough thread protruding to fit the spring washers and dome nuts when the base is fitted over the bolts-if not adjust accordingly.  
Leave concrete to set.
5. Thread Cable connected to head unit through top section of centre post, and Attach top section of centre post, and attach top section to head with supplied grub screws or Allen screws.
6. Thread cable from top section of centre post through bottom section of centre Post and attach top section to bottom section with supplied Allen screws, or by screwing together if applicable.
7. Thread cable from bottom section of centre post through base and attach bottom section to base with Allen screws supplied.
8. Connect the luminaire cable to the connector block as follows:  
Luminaire Live (Brown wire) to terminal block connector marked "L".  
Luminaire neutral (Blue wire) to terminal block connector marked "N"  
Luminaire Earth, if applicable, (Green/Yellow wire) to terminal block connector Marked
9. 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.
10. 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 marked
11. Secure base to anchor bolts using spring washers and dome nuts supplied.
12. Fit threaded rods provided in holes either side of head (s).
13. Fit lamp bulb of type and wattage recommended on the lamp holder. Do not Exceed maximum wattage indicated.
14. Secure lid to head with dome nuts provided.

15. Switch on luminaire and ensure it operates correctly.
16. Clean only with damp cloth of soapy water. Do not use abrasive cleaners.

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