

ELSTEAD LIGHTING LTD

FITTING INSTRUCTIONS, Norfolk NR8, and Lincoln LC8, triple head lanterns

These instructions are provided to ensure safe fitting of the unit. Please read them before starting work, and retain them for future reference. **Take care when handling the lantern and the glass panels. Some instructions relate to the NR8 others to both products.**

SAFETY INFORMATION

WARNING: These fittings must be earthed.

- If you are in any doubt consult a competent person able to give advice on the installation of electrical equipment.
- **Before any work is started, disconnect the supply at the fuse board and ensure that other persons cannot restore the electrical supply without your knowledge.**
- Always check that the correct type and wattage bulb is used, dispose of old bulbs carefully.
- A list of components is shown overleaf; ensure all parts are present before starting the installation.

REPLACEMENT FITTING:

Carefully remove the existing fitting noting the connections, check that the new lantern base will fully cover the existing supply point, and check the condition of the cable. DO NOT use if it shows signs of damage or is too short to be connected. (Minimum length required is 250mm). If the cable is TOO short or damaged get your electrician to install a new length of cable. **The lamppost requires a substantial fixing, see below. The existing fixing may not be suitable for this application and a new fixing will be required.**

Base fixing for lamp post.

1. Select the position of the lantern and prepare the fixings for the base. It is recommended that a concrete fixing is made using the bolts and frame provided. See Figure 1.
2. Prepare a hole which will be deep enough to take the fixing, and allow the triangular frame to be set at the correct height.
3. Position the three crank bolts in the triangular frame so that 37 mm of thread protrudes above the frame.
4. Allow for a cable way to pass through the concrete footing, pass the supply cable through, allow at least 250mm for connection above ground.
5. Make the concrete base as required, allow the footing to harden before attempting the installation of the lamp post.

Assembly of the lamp post.

1. Assemble the lamp post on a horizontal surface such as grass or on ground, use a protective cover.
2. Lay out the post components in the correct order for assembly, i.e. 'A' lantern head, 'B' upper post section, 'C' lower post section, 'D' pedestal base.
3. Pass the cable from the lantern head through the upper post section.

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4. Attach the upper post to the lantern head; tighten the three set screws with the Allen Key from the supplied kit.

5. Pass the cable through the lower post section; tighten the three set screws with the Allen Key.
6. Pass the cable into the pedestal base, attach the lower post to the base using the three cap head screws, tighten in position.
7. The post assembly is now complete.

Wiring the lamp post

1. The light fitting cable is connected to the terminal block within the base pedestal as follows. The live, Brown is connected to the terminal marked ‘L’ the Neutral, Blue is connected to the terminal marked ‘N’, the earth cable is already connected to the connector block.
2. Connect the supply cable wires to the connector block terminals, The Live Red or Brown to the Brown terminal, The Neutral Black or Blue to the Blue terminal. The Earth Yellow/Green to the earth terminal. If the earth wire is of the bare copper type, cover it with the piece of earth sleeving supplied.
3. Ensure the wire insulation touches the face of the terminal block and that there are no loose strands of wire exposed.
4. Push all cabling up into the base of the lantern as far as it will travel, attach the pedestal to the base fixing, use the three spring washers and the M10 dome nuts, tighten fully.
5. Check that the lamp post is vertical, make adjustments as required.
6. Fit an E27 lamp with a maximum output of 100 Watts to each lantern head, do not exceed this value or the fitting may become damaged.
7. Turn on the power and test the fitting, turn off power after test.
8. Fit the two M4 studs from the packet in the top face of each lantern.
9. **(NR 8 only)** Fit the decorative finials to the top of each lantern lid, ensure the ‘O’ ring is positioned under each finial as shown in Figure 2 on page 4.
10. Pass the lids over the two studs, and put the lid in position.
11. Screw on the two M4 dome nuts and tighten fully.
12. Check that all fixings and screws are secure and the lamp post is stable.
13. The lantern is now ready for use.

Components in triple head lantern kit.

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|---|------------------------------|
| 1 X triple lantern head. | 1 X upper tube section. |
| 1 X lower tube section. | 1 X base pedestal. |
| 3 X M10 crank bolts. | 3 X M10 dome nuts. |
| 3 X M10 spring washers. | 1 X triangular fixing frame. |
| 3 X lantern lids. | 3 X lid finials with bolts. |
| 6 X M4 studs, 20mm long. | 6 X M4 dome nuts. |
| 1 X 5mm A/F Allen Key. | 1 X 3mm A/F Allen Key. |
| 3 X 10 mm I/D ‘O’ rings (for NR8 only) | |

CHANGING THE LAMPS

Ensure the supply to the fitting is turned off, remove the lantern cover by undoing the two dome nuts on the lid, remove the lid. Replace the lamp with a new E27 lamp of maximum output 100 Watts, do not exceed this maximum output, restore the power and test the fitting. Turn off the power, replace the lantern lid and tighten the two dome nuts.

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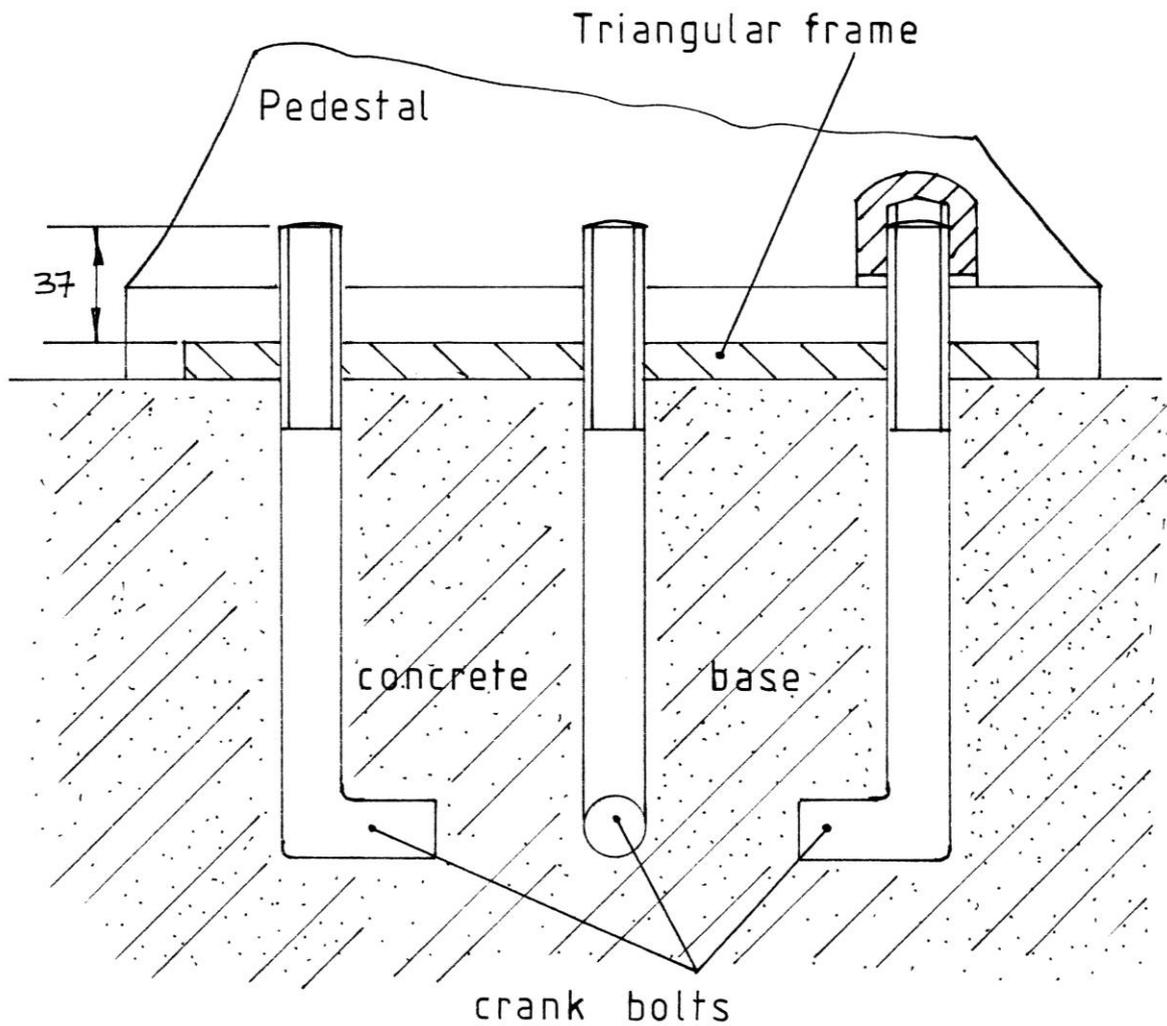


Figure 1. Concrete base fixing showing crank bolts and triangular frame.

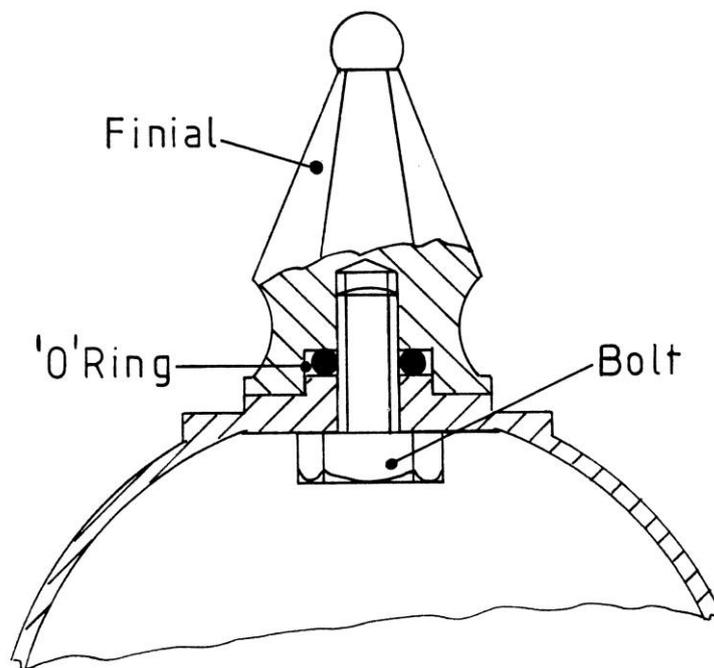


Figure 2, 'O' ring position on lantern heads.

HELPLINE – 01420 82377

If you have any problems or questions regarding the installation of this lantern, please ring the above telephone number and ask for Customer Services.

159/2.Norfolk triple lantern CINS 3.2004.