

Instructions.

Before starting construction, read through these instructions carefully and have a dry run with the parts to check that all is well. The metal castings should be treated with respect as rough handling could cause damage. If any castings are bent, they can be straightened carefully by hand, but do not use excessive force. Any item found to be faulty should be returned to the manufacturer for replacement. This kit consists of 4 white metal castings, one moulded plastic glazing piece, one 12 volt 'warm glow' LED and one resistor.

Carefully clean all parts, removing mould lines and flash with a sharp craft knife and small file.

Trim excess material from around the top of the plastic glazing (item 3) with a sharp craft knife until it fits snugly in the recess on the underside of the top casting (item 2).

Using 'Araldite' or similar, glue together parts 1, 2, 3 and 4 as shown in fig 1 and set aside to dry.

Once the glued lamp assembly has set, carefully drill a hole through the bottom of the plastic glazing with a 4mm dia drill, to allow the LED to pass through.

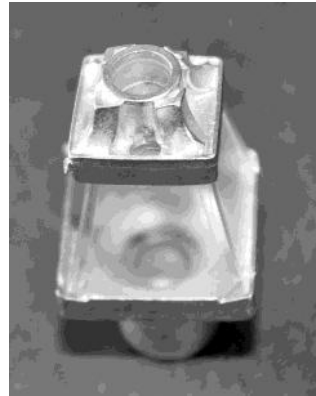


Fig 1

The lamp can now be painted as desired, not forgetting a thin line on each corner of the glazing to represent the frame.

Note that one of the LED wires is longer than the other and it is important that this one is connected to the positive side of the power supply or the light will not function. Mark the led with a marker pen to show the long wire then cut both wires at the point where they are crimped (approx 4mm long). Solder the LED to two lengths thin wire that will pass down the hollow column and out of the bottom.

Ensure that any connections or bare wires are insulated so that they do not touch the metal lamp at any point.

The resistor must be connected in series with the LED but can be attached to either the positive or negative side and can be in any convenient place between the power supply and the lamp. Any suitable power supply giving between 6 and 12 volts can be used.

Finally, fit the lamp assembly onto the top of the column but do not glue in place.



LA3 Standard Gas Lamp Kit



Roundhouse Engineering Co. Ltd.
Churchill Business Park
Churchill Road, Wheatley,
Doncaster. DN1 2TF.
Phone 01302 328035 Fax 01302 761312
www.roundhouse-eng.com