

OSRAM

Installation and Servicing Instructions

for lanterns with catalogue numbers listed on reverse.

SWITCH OFF BEFORE SERVICING

The lantern should be connected to a supply not exceeding 440v A.C. 50 Hz.

The supply voltage and the lamp wattage used should be as stated on the ballast.

FIXING

SIDE ENTRY LANTERN

Make sure the spigot enters fully so that all fixing screws or clamps engage.

Level the lantern and fully tighten all fixings.

WIRING - GENERAL

Do not use mineral insulated cables in circuits operating discharge lamps without reference to the lamp supplier.

Arrange wiring away from sources of heat such as ballasts.

If sleeving is supplied with the lantern, fit it over the ends of the leads where they pass into the lantern.

Where a cable cleat is fitted in the lantern, use it to clamp the incoming leads.

WIRING

LANTERNS FOR TUNGSTEN LAMPS AND ALL LANTERNS WITH INTEGRAL GEAR FOR DISCHARGE LAMPS

Ensure that the incoming supply is switched OFF. If there is a fuse in the supply termination, remove it.

Connect the Earth wire to the Earth terminal in the lantern. Leads from the Earth terminal are coloured Green and Yellow.

Connect the Neutral supply conductor to the terminal in the lantern having a Blue lead coming out of it.

Connect the Live or phase supply conductor to the terminal having a Brown lead coming out of it.

WIRING - LOW PRESSURE SODIUM LAMP LANTERNS WITHOUT GEAR

Where the control gear is not in the lantern, the lampholder has two White leads going into the terminal block. These should be connected to the gear as shown on the diagram on the ballast.

OPERATION

Lamps should be fitted according to the makers instructions.

Before switching on make sure any covers have been replaced and properly secured. Some discharge lamps do not light up at once and if hot may take upto or more than 20 minutes to re-strike. This means that even if the lamp is not alight the lantern wiring CAN BE ALIVE. Therefore you must disconnect the supply before you open the lantern.

Some lanterns have photo electric controls fitted in them. These are connected to the supply which means there are LIVE connections in the lantern, although the lamp may not be alight. Disconnect the supply before opening.

SERVICING

Before changing a lamp, cleaning, or doing any maintenance on a lantern, DISCONNECT THE SUPPLY. If the circuit includes capacitors, wait for one minute before touching the lantern or column.

After servicing, replace all covers and fasten properly.

DISPOSAL

Lamps should be disposed of as recommended by the lamp manufacturer.

Care should be exercised when scrapping lantern components such as plastic bowls, glass refractors, ceramic lampholders and terminal blocks, when broken sharp edges can be produced. Capacitors containing PCB or other fluid impregnants should be buried in a landfill area.

MADE IN ENGLAND

Z.8260CG	Z.8536/400	Z.8896	Z.9554M
Z.8260CGU	Z.8536/250	Z.8896U	Z.9555M
Z.8370/1DG	Z.8536/400S		Z.9564
Z.8430CM	Z.8691/80		Z.9565M
Z.8520	Z.8691/125	Z.9484D	Z.9572
Z.8524/6	Z.8691/125U	Z.9484UP	Z.9541
Z.8526HPS	Z.8830/18	Z.9530M	Z.9543
Z.8534/6250	Z.8830/35	Z.9530UPM	Z.9551
Z.8534/6/25	Z.8831/80	Z.9532UPM	Z.9553
Z.8534/6/400	Z.8831/125	Z.9536UPM	Z.9561
Z.8534/6/40S	Z.8832/50	Z.9538UPM	Z.9563
Z.8536/250S	Z.8832/70	Z.9545M	

Also includes all P4 and CK versions of above lanterns.