

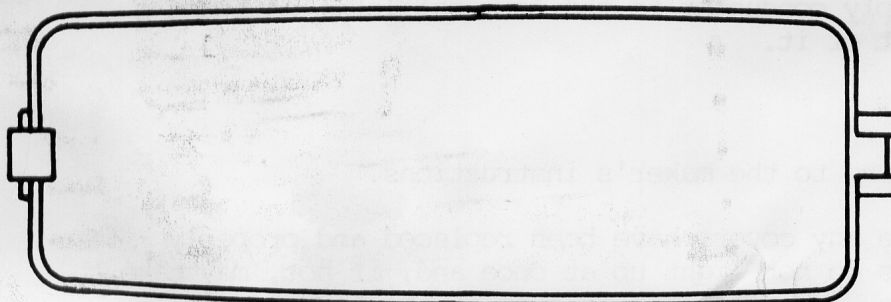
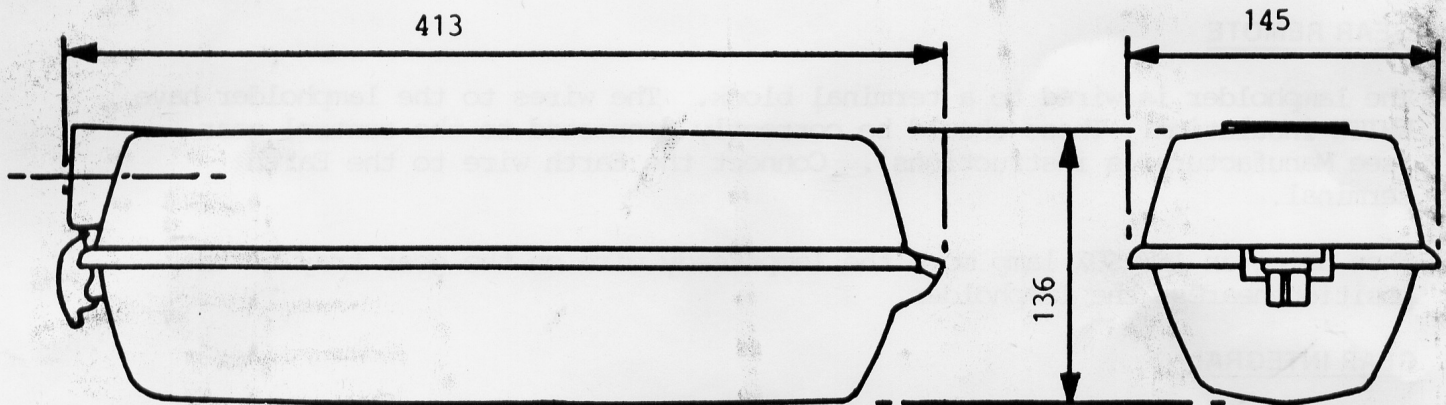
# SIEMENS

## Installation and Servicing

SRL35RA ( Z9580 ) LANTERNS ( gear remote )

SRL35A ( Z9582 ) LANTERNS ( gear integral )

### DIMENSIONS AND WEIGHTS



WINDAGE AREA — SIDE VIEW = 0.051m<sup>2</sup>

### WEIGHTS (Approximate)

SRL35RA (Z9580) 1.6 kg.

SRL35A (Z9582) 3.1 kg.

### FIXING

Side entry for spigot 34mm nominal diameter x 76mm long and secured by 2 x M10 socket set screws.

### SUPPLY

The lantern is designed for use with an appropriate circuit connected to a supply not exceeding 250 V a.c. The supply voltage, frequency and the lamp type and wattage used should be as stated on the ballast.

### WIRING INSTALLATION

Mineral insulated cables should not normally be used in discharge lamp circuits.

### LANTERN INSTALLATION

Ensure that the incoming supply is switched OFF. If there is a fuse in the supply termination, remove it. Feed the column cables through the lantern spigot entry into the wiring chamber. Fit the lantern on to the spigot ensuring the spigot enters the full depth of the entry so that the fixing screws engage. Level the lantern and fully tighten both screws so they securely clamp the lantern onto the spigot.

## WIRING GENERAL

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

Remove any lamp fitted to the reflector/gear tray. Slacken the pozidriv screws (one at each end of the reflector/gear tray) just sufficiently to allow the reflector/gear tray to be slid clear of the screw heads and allowed to hang on its suspension cords.

Fit the sleeves supplied over the ends of the cable where they enter the lantern. Connect the wires correctly to the terminal block. Clamp the sleeved cable using the cable cleat to take the strain off the cable, ensuring that there is a no strain on the connections at the terminal block. Route cables clear of sources of heat, such as ballasts.

## GEAR REMOTE

The lampholder is wired to a terminal block. The wires to the lampholder have WHITE insulation. These should be correctly connected to the control gear (see Manufacturer's instructions). Connect the Earth wire to the Earth terminal.

When using an 18W SOX lamp move the lampsteady wire on the gear tray to the position nearest the lampholder.

## GEAR INTEGRAL

Connect the Earth wire to the Earth terminal in the lantern. Leads from the Earth terminal are coloured GREEN & YELLOW.

Connect the Neutral supply conductor to the terminal labelled N and having a BLUE lead coming out of it.

Connect the Line or Phase supply conductor to the terminal labelled L and having a BROWN lead coming out of it.

## OPERATION

Lamps should be fitted according to the maker's 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 20 minutes or more to restrike. This means that even if the lamp is not alight the lantern wiring CAN BE ALIVE. Therefore disconnect the supply before opening 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, they must be allowed to discharge before touching the lantern or column.

After servicing, replace all covers and fasten properly.

## DISPOSAL OF LAMPS

Lamps should be disposed of in accordance with the manufacturer's recommendations.