

WRTL
 exterior
 lighting



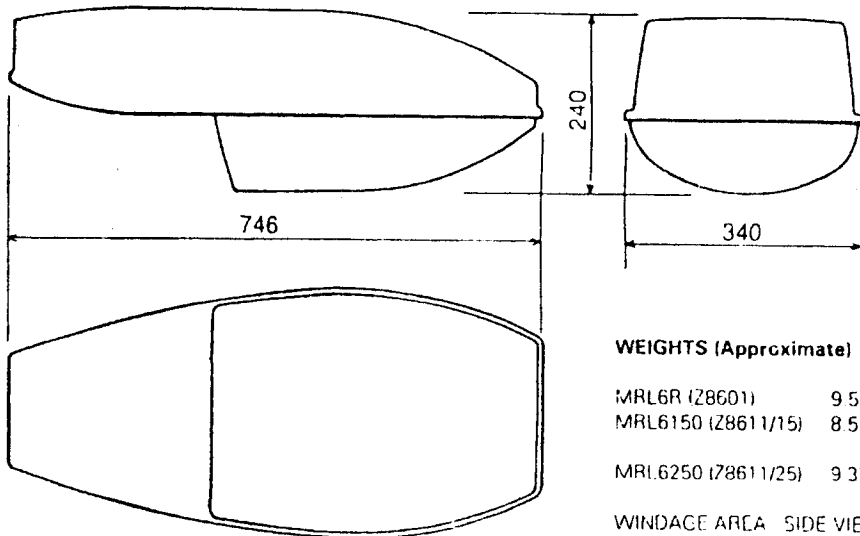
INDUSTRIA

Installation and Servicing

MRL6R (Z8601) LANTERNS (gear remote)

MRL6 (Z8611) LANTERNS (gear integral)

DIMENSIONS AND WEIGHTS



FIXING

Side entry for spigot 42mm nominal diameter x 100 mm 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 250V 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 on the supply termination, remove it. Check that the lampholder is set in the position to suit the lamp type and required light distribution (see "Lamp Positions"). Feed the column cables through the lantern spigot entry in to the wiring chamber. Fit the lantern onto 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.

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WIRING - GENERAL

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

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 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 wire to the centre contact has WHITE insulation, and that to the lampholder shell is BLUE. These should be correctly connected to the control gear (see manufacturer's instructions). Connect the Earth wire to the Earth terminal.

GEAR INTEGRAL

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 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 re-strike. 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, wait for one minute before touching the lantern or column.

After servicing, replace all covers and fasten properly.

DISPOSAL

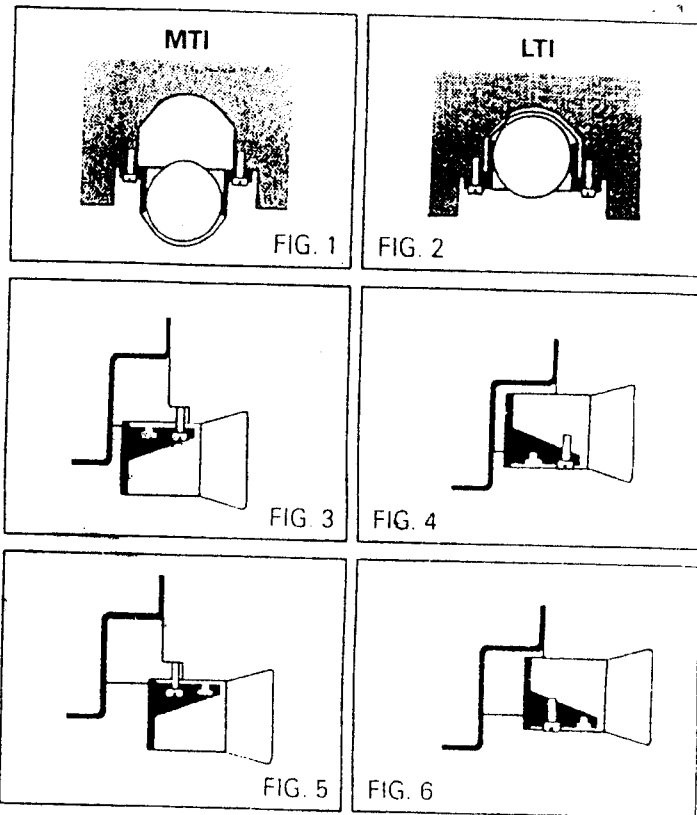
Lamps should be disposed of in accordance with the manufacturer's recommendations.

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Lamp Positions



MRL6R (Z8601) and MRL6 (Z8611) lanterns are supplied with the lampholder mounted for LT1 as in Figs. 2 & 4.

For other lampholder positions proceed as follows:-

1. Remove circuit fuses.
2. Remove 2 screws securing the lampholder bracket to the lantern barrier.
3. Move bracket to the forward position for the 150W SON-T lamp (see Fig. 6)
4. To change any lantern to the MT1 type (Fig.1) distribution, the lampholder bracket should be removed from its fixing screws using the keyhole slots and then replaced upside down. It can be moved forwards (Fig. 5) or backwards (Fig. 3) as required.
5. Replace fixing screws.
6. Replace circuit fuses.

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