Fig 9. Lamping, etc.
First unscrew the sealing ring from the lampholder body and note that the revolving disc is positioned so that the cross cut is in line with the slot in the lampholder body.

Standard Battens

1) Slide the sealing rings over each end of the fluorescent tube checking that the gaskets are all fitted and in position.
2) Offer up one end of the lamp and enter the pins into the cross cut in the revolving disc and push against the spring.
3) Offer up the other end and enter the pins through the slot and push home into the disc.
4) Rotate the lamp through two or three click stops, or if a reflector tube, as required. This action secures the tube.
5) Slide back the sealing rings and thread to the lampholder body.

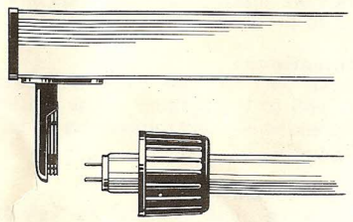
Fig 10 Enclosed and Increased Safety Fittings

1) Slacken off the PL sealing rings and slide over each end of the acrylic tube until a stop is reached. Tighten sufficiently to hold in position—check that gaskets are in position.
2) Slide the fluorescent tube into the acrylic tube.
3) Taking care not to let the fluorescent tube slide out—offer up one end and enter the pins into the cross cut in the revolving disc and push against the spring, also exerting slight upward pressure to retain the pins in the disc.
4) Offer up the other end and enter the pins through the slot and push home.
5) Slide away the acrylic tube to give maximum room and rotate the lamp through two or three click stops, or if a reflector tube as required. The tube is now secured.
6) Slacken off the PL compression rings. Thread the lampholder sealing ring into the lampholder and lock.
7) Centre the acrylic tube and tighten the compression ring.

Cleaning:—For all parts use liquid detergents or proprietary plastic cleaners. Clean off and dry well with sponge or chamois leather. Do not polish with a dry cloth.

Maintenance:—Other than re-lamping or replacing starter switches or any broken parts, there is no maintenance.
Please take advantage of the replacement and repair schemes (see leaflet) and save maintenance costs.

9



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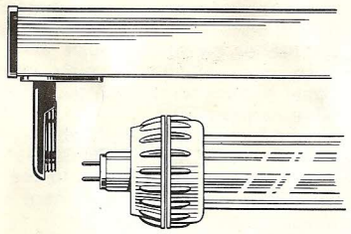

ACFmk2

Anti-corrosion fluorescent fittings

Installation & Maintenance Instructions

Part No. 2032/00004L

Date of Issue April, 1967

This fitting has been designed to resist corrosion. It is completely sheathed in white P.V.C. except for the two apertures to be covered by the lampholder assemblies. It is ESSENTIAL that this white PVC sleeve should not be damaged or removed.

Fig. 1. Selecting Entries

This fig. shows the positions of the ¾″ entries, the B.E.S.A. box fixing and the wood screw holes. These may all be located by finger pressure on the P.V.C. sleeve on either side of, and opposite to, the lampholder apertures.

It is ESSENTIAL that the white PVC sleeve is not broken away from any holes in the batten which are not subsequently to be used.

1

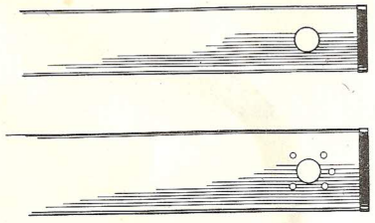

Fig 2. Opening the Entries

When it is decided which holes are to be used, the P.V.C. covering may be most readily removed by firmly rotating the handle of a screwdriver over the hole. The edge of the metal batten will cut the P.V.C. leaving a clean aperture.

2

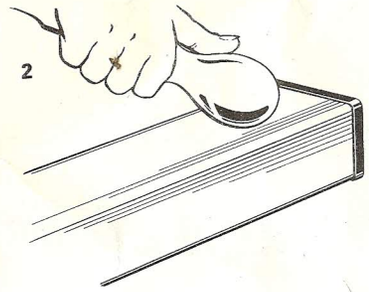

Fig 3. Suspension

Two rubber bushes complete with ¾″ conduit thread inserts are provided with each fitting for conduit or blind hook suspension.

Conduit:

(1) Push the narrow end of the rubber bushes onto the conduit and as the insert engages, thread on until approx. ⅜″ axial length of thread projects.

(2) Having cleared the ¾″ hole as described above, offer the fitting up to the conduit and secure with ¾″ conduit thread locknuts from inside the batten using a box spanner. Tightening these puts the rubber bush under pressure and seals the entry.

Blind Hooks—L.2651. Cut off the narrow end of the bush leaving the flanged insert portion and fit as above.

3

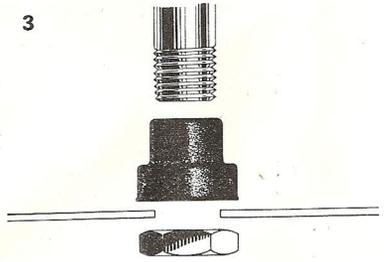

Fig 4.

Hangers—L.23795. Alternatively, white PVC coated hanger brackets can be supplied, each complete with two $\frac{5}{16}$″ BSW x 1¼″ set screws, flat washers and full nuts. Reflector tubes should be used when these brackets are fitted. Reflectors cannot be fitted.

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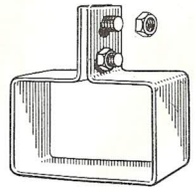

Fig 5 Glanding:

¾″ conduit thread compression glands may be secured to any of the 6—¾″ entry holes. Nylon glands are recommended, but if metal glands are used, ¾″ sealing rings should be fitted to proof the entry.

Connections:

A three way terminal block is provided at each end of the batten. These are through wired and will accept conductors up to 7/029 or loop 3/029.

Fig 6 Reflectors:

Each white rigid polystyrene reflector is provided complete with its fixings comprising four parts—attachment plate, washer, bush and handscrew. The method of fixing is as follows:

1) Locate hole beneath P.V.C. sleeve adjacent to lampholder aperture—approx. 3″ forward.
2) Cut away covering as previously described.
3) Remove lampholder assembly and leave supported by leads or disconnect by pulling "A.M.P." connectors apart.
4) Insert attachment plate into lampholder fixing aperture and adjust so that threaded hole in plate is in line with hole in batten.
5) Fit rubber gasket to bush and thread bush into attachment plate and lock home (using coin). (Note: attachment plate cannot turn)
6) Thread handscrew into bush.
7) **NOTE:** 8 FOOT FITTINGS—an additional support is provided in the centre of this fitting. The attachment plate is already fixed as standard.

Fig. 7. The Reflector may now be fitted:—

1) Slacken off handscrew to show ¼″ of thread.
2) Offer up reflector so that handscrews come through holes in reflector.
3) Swing catches over to fit undercut of handscrew.
4) Tighten handscrews.

Fig 8. Fitting the Lampholder Assembly

Now the fitting has been fixed and wired (and reflectors secured) the lampholder may be mounted. First check that the lampholder leads are connected to the AMP connectors and the sealing rings are in position and flat. Tuck all wiring neatly into batten and offer up the assembly at right angles to the batten so that the revolving disc is pointing away from the arrow mark on the P.V.C. sleeve. insert the bayonet pins into the slots in the aperture. Twist through 90° following the arrow and the lampholder assembly will seal and lock into position. The sealing rings may be used to give a purchase for this movement.

N.B. "Increased Safety Fittings" have Klippon terminal blocks and do not have AMP connectors.

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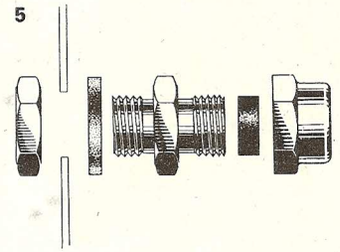

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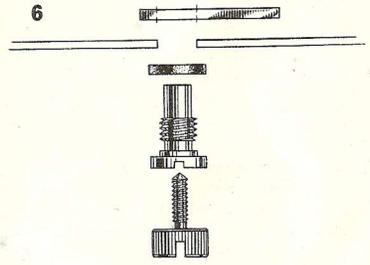

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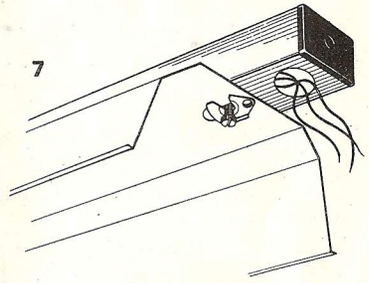

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