

## Chapter 75

## ROOF LAMP, TYPE D.H.S. 1101

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## LEADING PARTICULARS

<i>Roof lamp, Type D.H.S. 1101</i> ... ..	<i>Ref. No. 5CX/5189</i>
<i>Lamps, filament</i> ... ..	<i>Ref. No. 5L/9951286</i>
<i>Operating voltage</i> ... ..	<i>28V d.c.</i>
<i>Max. diameter</i> ... ..	<i>5 in.</i>

**Introduction**

1. The roof lamp, Type D.H.S. 1101 is designed to give general illumination to passenger cabins and crew compartments. It is switched from a remote position.

**DESCRIPTION**

2. The lamp is constructed in circular form

and contains four M.E.S. lampholders. A terminal block is incorporated in the base for connection to the external supply and is covered by a removable portion of the lamp reflector. The lamp cover is constructed of  $\frac{1}{2}$  in. opal perspex and is retained to the body by means of three catches arranged equidistant around the inside of the cover which clip onto three spigots on the base.

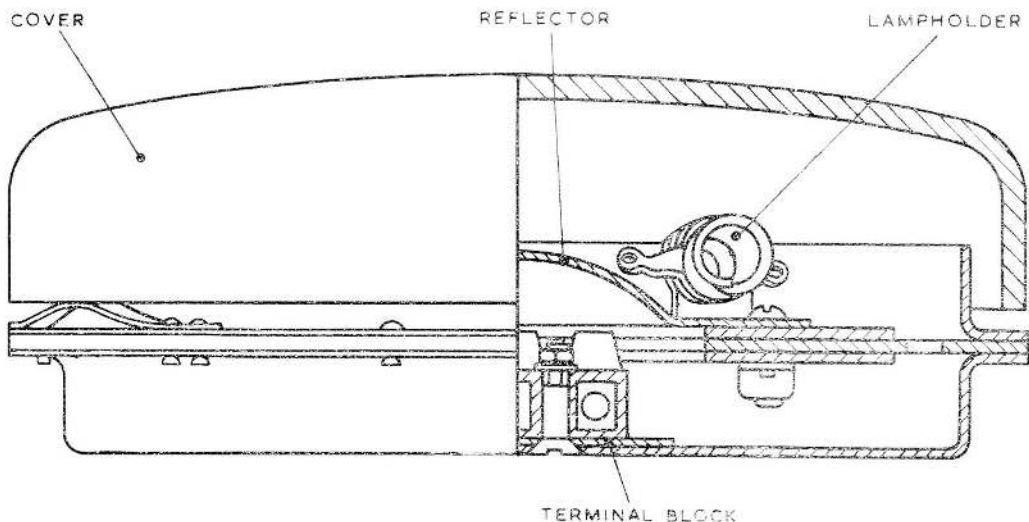


Fig. 1. Part sectional view

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## SERVICING

3. Access to the filament lamps is by removal of the front cover, which is effected by turning the cover in an anticlockwise direction. Examine the whole assembly for signs of damage, overheating, or deterioration. Check that the terminal block and lampholders are firmly secured to the base, and examine all connections for security of attachment,

damaged insulation, and in the case of soldered connections, for dry joints.

### **Insulation resistance test**

4. With the filament lamps removed and using an insulation resistance tester Type C (Ref. No. 5G/152), test between each supply terminal on the terminal block and the base. The minimum reading obtained should be not less than 5 megohms.

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