

Chapter 72

PASSENGER INDIVIDUAL LAMPS, TYPES IE/61274 AND IE/6302

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LEADING PARTICULARS

Passenger individual lamp, G.E.C. Type IE/61274 ...	Ref. No. 5CX/5093
<i>Filament lamp</i>	<i>Ref. No.</i>
<i>Operating voltage</i>	<i>28V. d.c.</i>
<i>Maximum diameter of lamp</i>	<i>2$\frac{5}{8}$ in.</i>

Introduction

1. The lamps, Types IE/61274 and IE/6302 are normally used as passenger individual reading lamps which may be incorporated in a facility panel, or mounted in the aircraft

structure. The Type IE/61274 supersedes the Type IE/6302, the only difference between the two being that the Type IE/61274 has no switch incorporated. In this chapter only the latter type will be described and illustrated.

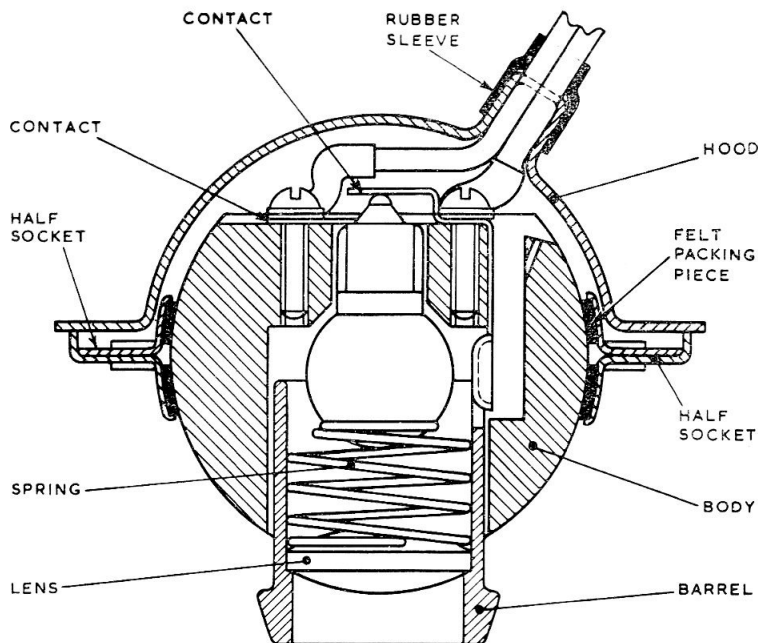


Fig. 1. Sectional view

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DESCRIPTION

2. The lamp is essentially a plastic moulding seated in an aluminium fixing ring. A sectional view is given in fig. 1. The barrel, which contains a focusing lens, is retained in the spherical housing by means of a small grub screw, whilst the filament lamp is held in the lamp socket under spring pressure.

3. Electrical connection to the lamp is by means of two 6 B.A. screws in the top of the body, the cable passing through a cable entry in the lamp hood. Felt packing pieces bear on the body between the body and the fixing

ring to prevent damage to the plastic surface when the lamp position is adjusted.

SERVICING

4. Access to the filament lamp for renewal is gained by releasing the grub screw on the side of the body and removing the barrel. Clean the focusing lens with a soft dry cloth and examine the barrel and lens for signs of damage or cracking.

5. To remove the body, remove the retaining ring and release the two cable connections to the lamp contacts.

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