

## Chapter 74

### ROOF LAMPS, TYPES 6-2N 5781 AND 6-4N 9629

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#### LEADING PARTICULARS

<i>Roof lamp, Type 6-2N 5781</i> ... ..	<i>Ref. No. 5CX/5190</i>
<i>Roof lamp, Type 6-4N 9629</i> ... ..	<i>Ref. No. 5CX/</i>
<i>Operating voltage</i> ... ..	<i>28V d.c.</i>
<i>Lamps, filament 28V 12W</i> ... ..	<i>Ref. No. 5L/9952294</i>
<i>Lamps, filament 28V 7.5W (Festoon)</i> ... ..	<i>Ref. No. 5L/9951288</i>
<i>Height (approx.)</i> ... ..	<i>2½ in.</i>
<i>Overall diameter</i> ... ..	<i>5 in.</i>

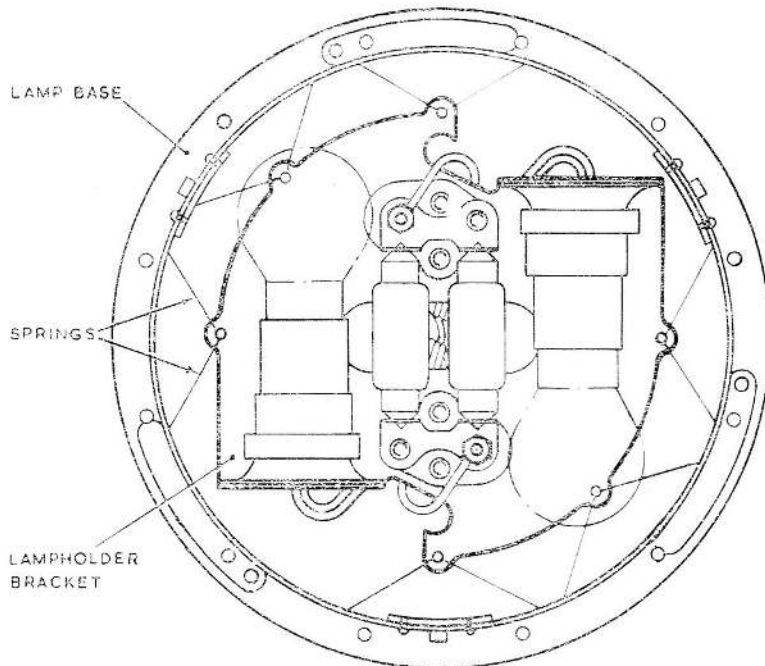


Fig. 1. Plan view of Type 6-2N 5781

**RESTRICTED**

### Introduction

1. The roof lamps, Types 6-2N 5781 and 6-4N 9629 are designed to give general illumination in passenger cabins and crew compartments. The two types differ only in that the Type 6-2N 5781 incorporates two extra filament lamps which may be used as standby lamps in case of emergency. Both types are switched from a remote position.

### DESCRIPTION

2. The lamps consist of a circular lamp base assembly, a lampholder bracket and a lamp cover. The lampholder bracket is suspended from the lamp base assembly by means of twelve springs. Cable entry to the lampholders is via a bushed hole in the centre of the lamp base assembly. The lamp cover is constructed of  $\frac{1}{8}$  in. opal perspex and is retained to the body by means of three catches spaced equidistant around the inside of the cover which clip onto three spigots on the base.

3. The lampholder bracket is the only difference between the two types, the Type 6-2N 5781 being constructed to carry two extra filaments situated in the centre of the bracket between the two main filament lamps. These are wired and switched independantly from the main lamps. In all other respects the lamps are similar.

### SERVICING

4. Access to the filament lamps is by removal of the front cover, which is effected by turning the cover in an anti-clockwise direction. Examine the whole lamp assembly for signs of damage, overheating or deterioration. Check that the lampholders are firmly secured to the lampholder bracket, and examine all connections for security of attachment and damaged or deteriorating insulation.

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