

STRAND "SUNSPOT" MIRROR ARC LANTERN

PATTERN 501

This Spotlight is designed primarily for use on A.C. with a special Inductor Unit, whereby its efficiency is considerably increased beyond that of an ordinary D.C. Arc lamp. Consequently the new Lantern, whilst consuming less than 20-amps. A.C. from the supply mains, will produce as much light as an ordinary D.C. arc using over 90-amps.

The Sunspot can be readily adapted for use on D.C., in which case current must be supplied from the mains through suitable resistances or rectifiers, or both. Owing to the improved optical system, this lantern, at its maximum of 60-amps. D.C., will give as much light as an ordinary 90-amp. D.C. arc.

This latest model has been further improved to make the controls more convenient. The Iris is now fitted with a lock so that it can operate the mirror focus. The most efficient light output for each Iris position is automatically obtained by using one lever only. The barn door assembly can now be swivelled to compensate when throwing at an angle.

SPECIFICATION

Lamp House.—Constructed in sheet metal, finished black crystalline outside and dull black inside. Doors of ample dimensions are provided on each side which, when open, swing completely clear, allowing free access to all parts of the Arc mechanism.

Spy holes, with coloured glasses, are provided on each door, a suitable quadrant plate and lever being fitted on the upper part of the Housing operating the Douser. An "Imager" screen (O) is fitted in a suitable position on the working side door to receive the Arc Image. This is projected by means of a lens, prism and reflector mounted on the door,

suitably spaced lines being marked on the screen to indicate the correct arc gap.

The interior of the Housing is illuminated by a small lamp, separately controlled. A suitable handle is provided at the rear for controlling the Lantern when "following" artists. The Lantern is so counter-balanced in the Trunnion, that it will remain at any angle in which placed, and will respond to a very light touch in horizontal or vertical planes.

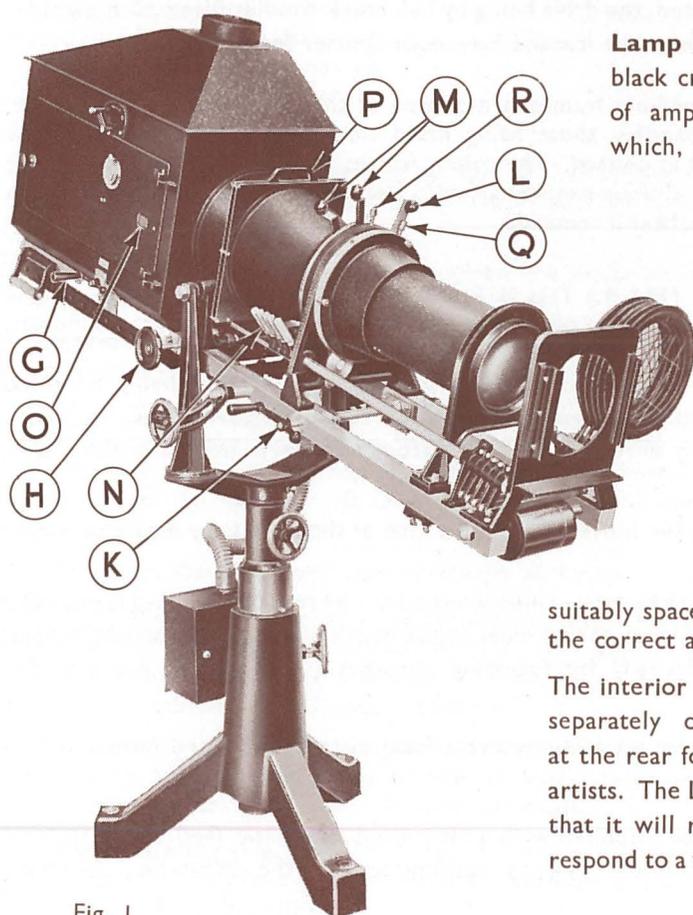


Fig. 1

HEAD OFFICE AND SHOWROOMS
29, KING STREET, LONDON, W.C.2
SALES AND GOODS - 24, FLORAL ST., W.C.2
TEMPLE BAR 4444 GRAMS: SPOTLITE RAND LONDON



BRANCHES
313, OLDHAM ROAD, MANCHESTER 10
COLLYHURST 2736
62, DAWSON ST., DUBLIN - DUB 74030