

STRAND SPOTLIGHTS

PATTERN 73 MIRROR SPOTLIGHT, 1,000 WATT



This lantern employs a precision optical system which not only gives a greater control of the beam shape and spread than is obtainable from the Standard Spotlights described in the preceding pages but gives more than twice the light output (depending on beam spread) for the same wattage. The light is collected by an 8-inch dia. reflector and directed on to a gate framed by four independently adjustable shutters. The gate is hard or soft focused by an objective lens.

Masking to pick out irregularly shaped objects, or to give a hard cut-off clear of backcloth upstage and orchestra pit downstage is easily accomplished.

The lantern is therefore particularly suitable for Front-of-House work (see also Patt. 83) but can be used anywhere on the stage.

SPECIFICATION

The body is constructed in sheet steel, efficiently ventilated, with a cast aluminium front and back, the latter containing an access door. The lamp tray which is worm driven by a handle at the rear is fitted with an 8-in. diameter silvered glass reflector. Complete with 6-in. diameter, 9-in. focus heat-resisting step lens, four independently operated horizontal and vertical shutters with heat insulated handles, provision for additional internal mask or Iris diaphragm if required, and fitted with a front runner to take a colour frame. The tilting fork has a $\frac{1}{2}$ -in. Whitworth stem (for suspension or insertion in stand) and eyelet for a safety chain (not included). The lantern is wired with 3 ft. heat-resisting tails without plugs, and is finished black Crystalline enamel outside, matt black inside.

Lamps.—1,000-watt Class A.1 Tubular Projector type with G.E.S. cap (max. angle of tilt $22\frac{1}{2}^\circ$) or 1,000-watt Class B.1 Round Bulb Projector type with G.E.S. cap.

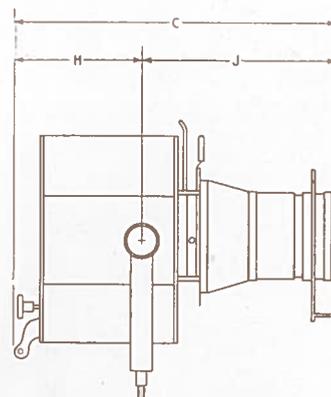
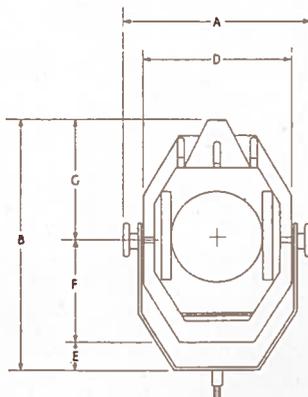
Beam Angles.—Maximum 19° , Minimum 3° .

Maximum Throw.—Normally used up to 60 ft.

Weight.—Nett Weight 30 lbs.

DIMENSIONS

| | Ft. | Ins. |
|---|-----|-----------------|
| A | 1 | 1 $\frac{1}{4}$ |
| B | 1 | 8 $\frac{1}{2}$ |
| C | 1 | 10 (min.) |
| | 1 | 11 (max.) |
| D | 0 | 10 |
| E | 0 | 5 $\frac{1}{2}$ |
| F | 0 | 7 |
| G | 0 | 8 |
| H | 0 | 9 |
| J | 1 | 1 (min.) |
| | 1 | 2 (max.) |



(continued overleaf)

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