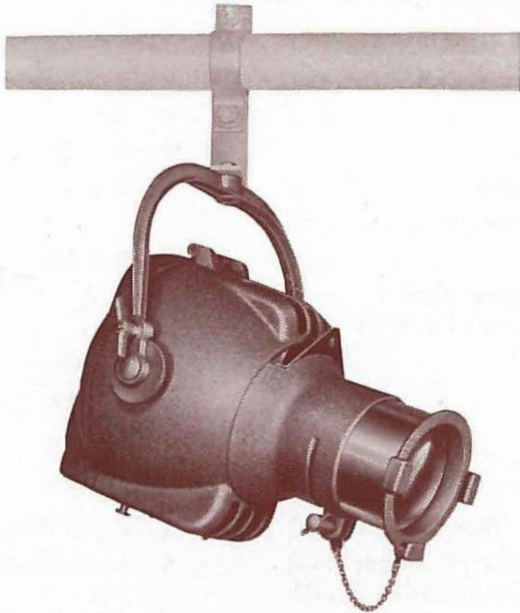


STRAND SPOTLIGHTS

PATTERN 23 BABY MIRROR SPOT 250 OR 500 WATTS

(ALSO NARROW BEAM PATT. 23/N AND WIDE ANGLE PATT. 23/W)



This is a small, compact lantern with a multitude of applications in stage lighting, picture lighting, shop window display, exhibition work and the like. It gives a clear-cut beam of any required shape and free of stray or ghost light. The lantern has been completely tooled for mass production with die-castings and consequently represents exceptional value for the price.

LIGHT DISTRIBUTION

The standard lantern is fitted with a single $3\frac{1}{2}$ -in. diameter, 5-in. focus, p.c. lens and this gives beam angles with sharp cut-off up to 22 degrees. The shape and size of beam are varied by using in the gate one of the four standard diaphragms, a special mask cut for the job, an adjustable type mask, or iris diaphragm.

The beam angle may be increased to 37 degrees (but the intensity halved) by fitting an extra C.310 lens in the rear of the standard lens tube which carries a retaining ring for the purpose.

Alternatively, the beam angle may be decreased to 11 degrees max., and intensity increased over three times the standard, by fitting a C.355 funnel front with a 6-in. by 9-in. focus p.c. lens, instead of the standard lens tube. The lantern is then suitable for long throws.

SPECIFICATION (Standard Pattern 23)

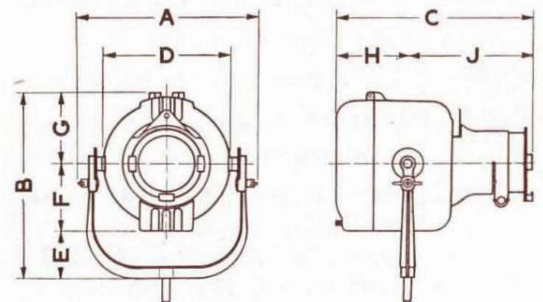
Ventilated die-cast aluminium body and lens tube assembly designed to take a medium prefocus lampholder for 250-watt B.1 round-bulb lamp, to burn in any position, 500-watt A.1 tubular lamp to burn within $22\frac{1}{2}$ degrees of vertical, or 500-watt Class T lamp to burn from vertical, cap down, to horizontal. Body is hinged at the middle to give access for lamping and cleaning. Rear half carries a 7-in. diameter super pure anodised reflector and the front half a 7-in. diameter annular spherical reflector to collect light which would otherwise be masked off and wasted. The light is directed on to a gate for diaphragm masks which are focussed hard or soft by an adjustable $3\frac{1}{2}$ -in. diameter, 5-in. focus p.c. lens in tube retained by safety chain. Four diaphragm masks with circular holes supplied as standard. Front of lens tube has runners for and is supplied with one metal colour frame. The cast fork with clamping disc and $\frac{3}{8}$ -in. Whitworth threaded hole is fitted with a $\frac{1}{2}$ -in. diameter plain stem, allowing lantern to be mounted on a stand. Stem can be unscrewed and replaced by any $\frac{3}{8}$ -in. Whitworth bolt for fixing to standard L clamps and other suspensions. Wired with 3 ft. heat-resisting tails and stoved crystalline black outside, matt black inside.

Lamps. 250-watt Class B.1 round-bulb projector with medium prefocus cap, 500-watt Class A.1 tubular projector ditto, 500-watt Class T round-bulb projector when available.

Maximum Beam Angles

(see Light Distribution above)

Patt. 23	22 deg.	Normally used up to 45 ft.
Patt. 23/W	37 deg.	Normally used up to 30 ft.
Patt. 23/N	11 deg.	Normally used up to 65 ft.



DIMENSIONS

	Ft.	in.		in.		in.
A ...	11		D ...	8	G ...	$4\frac{1}{2}$
B ...	1	0	E ...	3	H ...	$4\frac{3}{4}$
*C ...	1	1	F ...	$4\frac{1}{2}$	*J ...	$8\frac{1}{4}$

WEIGHTS:

Patt. 23: $6\frac{3}{4}$ lb. Patt. 23/W: 7 lb. Patt. 23/N: $8\frac{1}{2}$ lb.

*For patt. 23/N these dimensions are increased by $6\frac{1}{2}$ ins.

HEAD OFFICE AND SHOWROOMS

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GRAMS: SPOTLIGHT RAND LONDON



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