

818

2000W Halogen Variable Spread Follow Spot

This powerful 2000W Follow Spot complete with 4-colour magazine is fully equipped, both optically and mechanically, to ease the operator's arduous and exacting task.

For maximum flexibility and high efficiency the fully integrated lamphouse contains a variable spread lens system providing a narrow 12° to a generous 21° beam spread with full aperture of the built-in, 18-leaf iris diaphragm. This side-operated iris has a blackout disc to engage at minimum aperture but, in addition, a cord switch is fitted.

For straight-sided beam shaping a parallel-closing horizontal strip shutter is incorporated, with the single operating knob adjacent to the iris handle so that both can be used simultaneously. Diecast lens mounts sliding along internal rods ensure smooth lens movement; the knob for the rear lens, for beam edge quality, is also adjacent to the iris handle.

The Follow Spot is mounted within a very rigid fork with a friction bearing to a TV spigot for stand mounting. The tilt pivot is adjustable laterally to allow the optimum balance for the particular circumstances. The large rear handle is also adjustable to suit the preference of the operator.

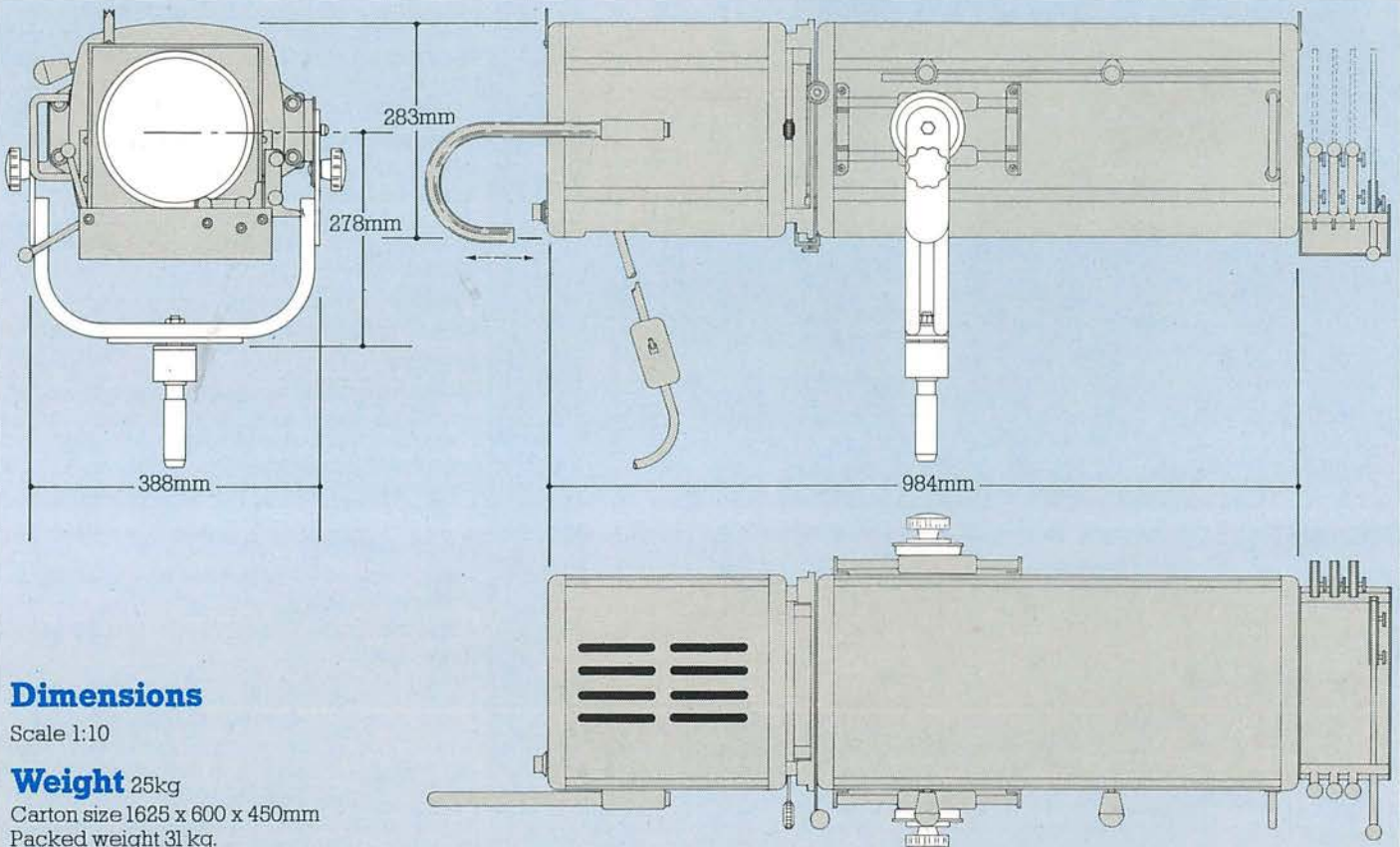
Order Codes

Model 818 Variable Spread Follow Spot	21 305 03
Folding, braced stand, for TV spigot	26 897 04
2000W 240V Class CP/79 Biplane filament Halogen lamp, 52,000 lm, 250hr obj. life	34 226 00



Rank Strand

21 305 03



Dimensions

Scale 1:10

Weight 25kg

Carton size 1625 x 600 x 450mm
Packed weight 31 kg.

21 305 03

Performance

Typical performance based upon 2000W 240V Class CP/79 calibrated lamp, biplane filament, 52,000 lm, 250 hour

Maximum circle, hard-edge focus.

Narrowest lens adjustment, max. iris aperture

Cut-off angle 12°

Peaky field adjustment:

½ peak angle 7°, 400,000 peak candela (cd)

Flat field adjustment:

½ peak angle 11°, 270,000 peak candela (cd)

Widest lens adjustment, max. iris aperture

Cut-off angle 21°

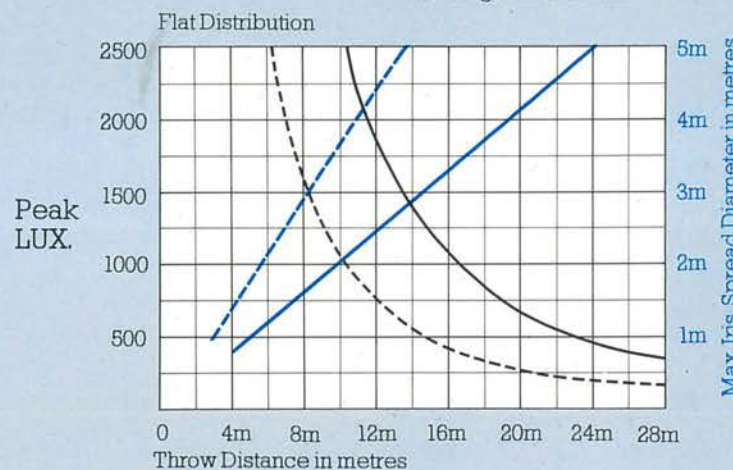
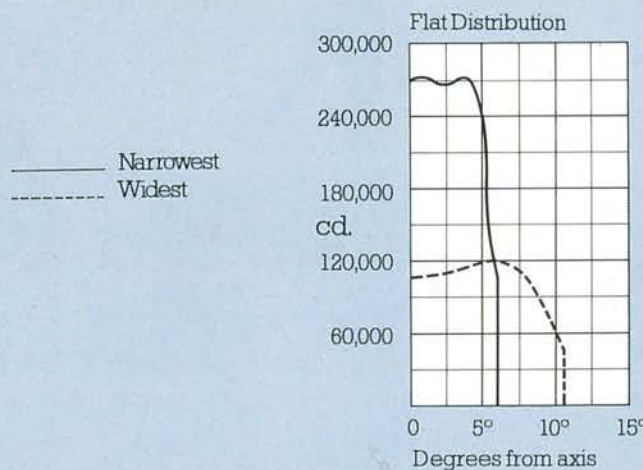
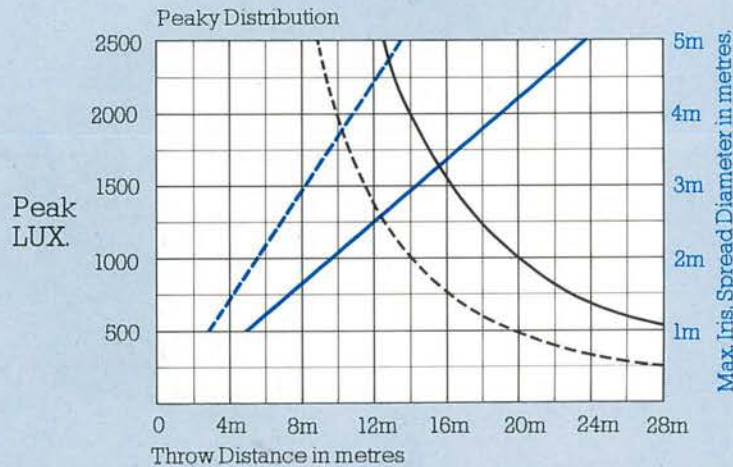
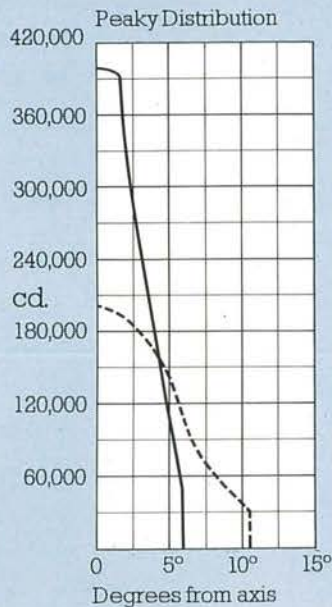
Peaky field adjustment:

½ peak angle 12°, 200,000 peak candela (cd)

Flat field adjustment:

½ peak angle 20°, 120,000 peak candela (cd)

With Class CP/43 lamp, monoplane filament, 400 hour, multiply peaky field candelas by 0.75 but flat field virtually unchanged.



———— Narrowest
- - - - - Widest

Max. Iris, Spread Diameter in metres.

Max. Iris, Spread Diameter in metres.

The Company reserves the right to make any variation in design or construction to the equipment described.



Rank Strand 818

Specification

Housing

Pressed steel housing integrating both lamphouse and long-travel lens movement within the same overall section. Fitted with rigid front handle and large rear handle adjustable in extension and rotation.

Mounting

Extra-rigid, twin tubular steel fork with 90mm friction disc and handgrip knob for tilt clamp and with special TV spigot incorporating friction bearing for swivel (not suitable for suspension). Tilt pivot axis position adjustable laterally for optimum balance.

Lampray Assembly

GY.16 unequal pin lampholder, with integral, heat-sink, mounted on removable assembly normally secured to the peaky/flat field adjustment moved independently by a rotary knob at the rear. Lampholder assembly includes internal porcelain terminal block and strain-relief gland fitted with 2 metres of 3 x 1.5mm² conductor flexible cable incorporating a substantial cord switch.

Reflector

210mm dia near-ellipsoidal reflector of polished anodised aluminium.

Gate Assembly

Built-in, side-operated, 18-leaf iris diaphragm with blackout disc. Pair of horizontal strip shutters mechanically linked for parallel movement from a single heat-resisting knob adjacent to iris handle. Strip shutter assembly rotatable through 30° around optical axis to compensate for off-centre projection.

Lenses

Variable-spread combination of 200mm dia. plano-convex front lens and 150mm dia. rear lens mounted on separate die-cast mounts sliding smoothly along two diagonally opposed internal rods. Lenses moved independently and each locked, adjacent to an external scale, by a pear-shaped heat-resisting knob. Removable top for easy lens-cleaning access.

Colour Magazine

Side-operated semaphore type 4-colour magazine fitted and supplied with four removable 215mm square colour frames for thin-film 'Chromoid', or non-saturated 'Cinemoïd' colour filters.

Finish

High temperature stoved, powder-coated black.

Lamps

2000W max. GY.16 (unequal-pin) base, 70mm l.c.l. with 40mm max. dia. quartz envelope. Class CP/79 with compact biplane filament preferred for maximum light output. Alternatively Class CP/43 with monoplane filament.

Accessories

Folding, braced stand for TV spigot	26 897 04
Net weight 6.5kg	
Additional Colour Frame	27 632 19
Net weight 0.2kg	

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