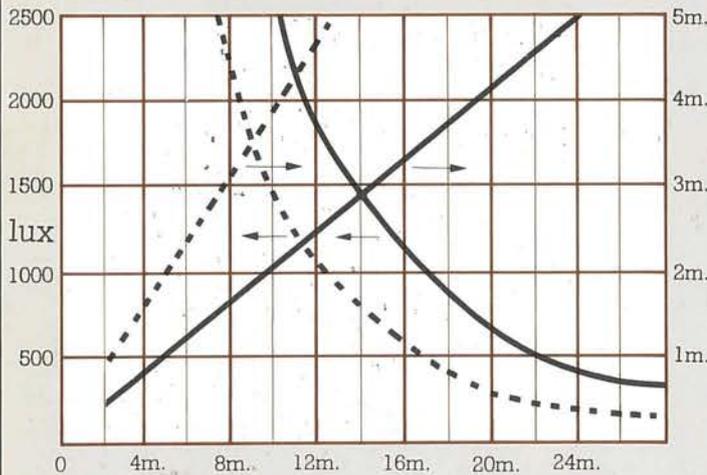
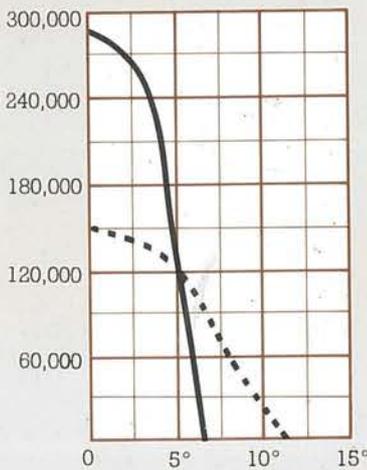


Performance

Maximum circle, hard-edge focus
 Narrowest adjustment
 Cut-off angle 12°
 Peaky field adjustment:
 1/2 peak angle 9°, 285,000 peak candela
 Flat field adjustment:
 1/2 peak angle 11°, 255,000 peak candela
 Widest adjustment
 Cut-off angle 22°
 Peaky field adjustment:
 1/2 peak angle 14°, 150,000 peak candela
 Flat field adjustment:
 1/2 peak angle 17°, 105,000 peak candela
 (Typical, 2000W 240v, 54,000 lm, class CP/43 lamp)



Throw Distance:
 Max. and Min. spreads shown → are at maximum circular gate aperture.



Degrees from axis:
 Model 808, 2000W, 54,000 lm CP/43 lamp.

Rank Strand

MODEL 808

2000W HALOGEN

Variable Spread Profile Spot



The new, powerful variable-spread Profile spot with a fully integrated housing, more compact and less obtrusive than previous 2000 watt models. To suit a wide variation of throw distances, without reducing the optical efficiency by restricting the gate aperture, the beam spread is variable from a narrow 12° spread up to a generous 22° medium angle by independent movement of two lenses sliding smoothly on internal rods. The beam can be accurately shaped by four externally operated shutters, or by the built-in 18-leaf iris diaphragm for smaller circular beams. The edge quality of the beam can be varied from hard to soft by movement of the rear lens; the distribution across the beam is also adjustable by a knob at the rear which moves the mount for the removable lamptray.

The luminaire is supplied with the fork ready for suspension, but the tilt pivot assembly can be reversed to suit mounting over a rigid bridge structure.



Rank Strand Electric
 A Division of Rank Audio Visual Limited
 P.O. Box 70, Great West Road
 Brentford, Middlesex. TW8 9HR
 Telephone: 01-568 9222. Telex: 27976

MODEL 808

21 304 08

Specification

Housing

Pressed steel housing integrating both lamphouse and long-travel lens movement within the same overall section and incorporating full length, baffled ventilation slots. Heat-resisting grab handle fitted to rear.

Fork

Mild steel, fitted for suspension, with 85mm dia. friction disc and handgrip knob for tilt clamp fitted on both sides. Alternative pivot positions provided, central for mounting on stand, or side plate assembly reversible for rigid, bridge mounting. Fork threaded $\frac{1}{2}$ -in. Whit. for bolt, washers and wingnut supplied for suspension and swivel lock or for addition of TV spigot with $\frac{1}{2}$ -in. threaded stem.

Lamptray Assembly

GY.16 unequal pin lampholder, with integral heat-sink, mounted on removable assembly normally secured to the peaky/flat field adjustment by two slotted fasteners with

removable toggles. Assembly includes locating guide, ventilation slots and porcelain terminal block fitted with 1.5m external length of $3 \times 1.5\text{mm}^2$ conductor, toughened silicone rubber insulated and sheathed flexible cable secured by a strain-relief gland.

Reflector

210mm dia ellipsoidal reflector of polished anodised aluminium.

Gate Assembly

Built-in 18-leaf iris diaphragm and four steel alloy beam-shaping shutters with heat-resisting, serrated-edge knobs with recessed fixing.

Lenses

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

Colour Frame

Double die-cast runners, 150mm long, for the 215mm square colour frame supplied for 'Cinemoid' sheet or thin-film 'Chromoid'. Flat front of housing also has thread-inserts for add-on semaphore colour change accessory.

Finish

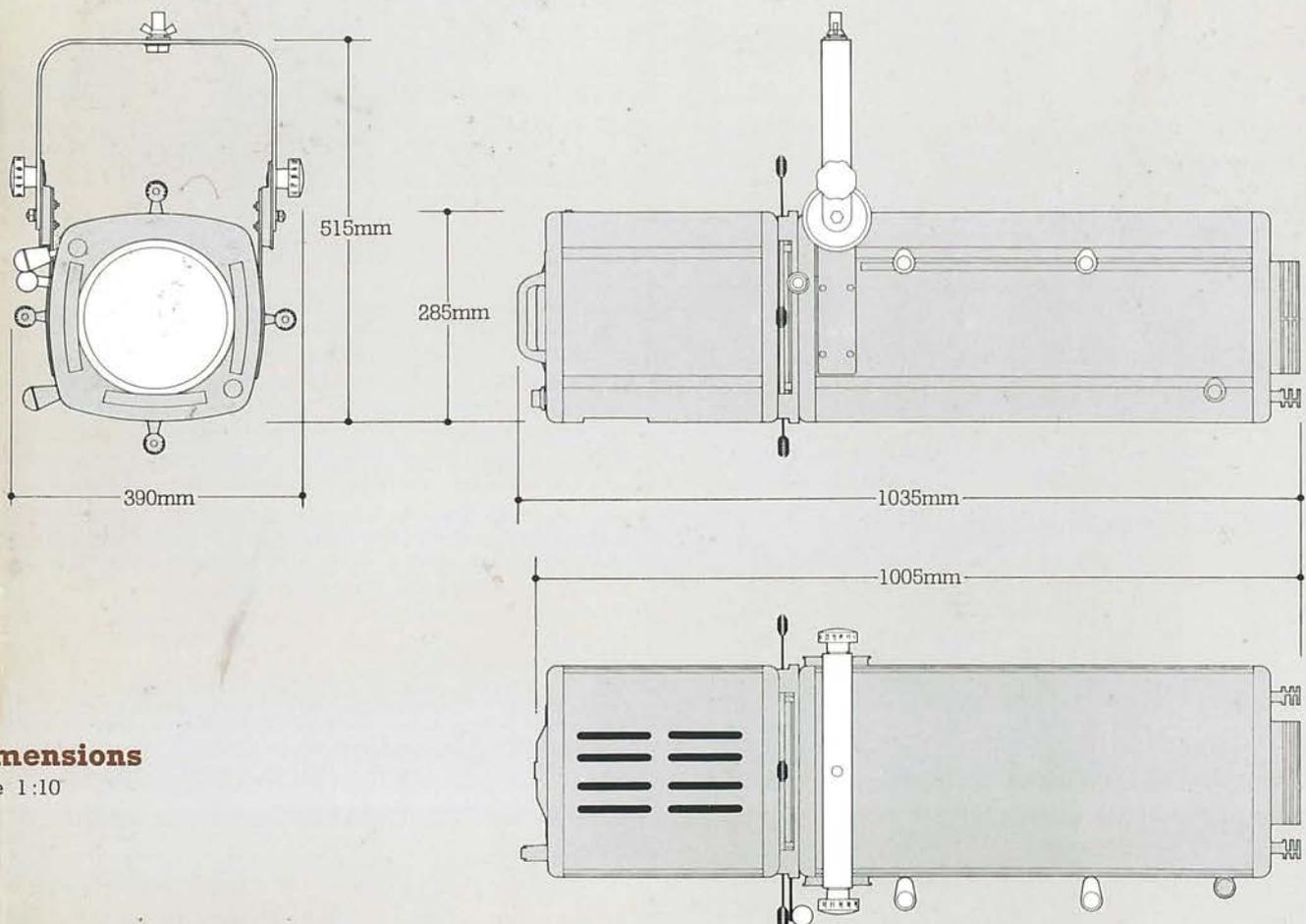
High temperature stoved texture black housing, brown fork and blue operating knobs.

Lamp

2000W max. GY.16 (unequal-pin) base 70mm l.c.l. with 40mm max. dia. quartz envelope. Class CP/43 Halogen for stage and studio use.

Accessories

TV spigot, with $\frac{1}{2}$ -in. stem	26 593 09
Additional Lamptray Assembly	27 496 07
Additional Colour Frame	27 632 19
4-colour Magazine, manual	23 701 02
Semaphore Colour Change, 24v	23 881 05



Dimensions

Scale 1:10

Weight 21.5 kg

Crate size 1160 x 490 x 490mm

Crated weight 36 kg

Order Codes

Model 808 Variable Spread Profile Spot 21 304 08

2000W 240v Class CP/43 Halogen lamp 34 224 0T

54,000 lm, 400 hr. obj. life