



# STRAND 808

## 2000W HALOGEN VARIABLE SPREAD PROFILE SPOT

21 304 08

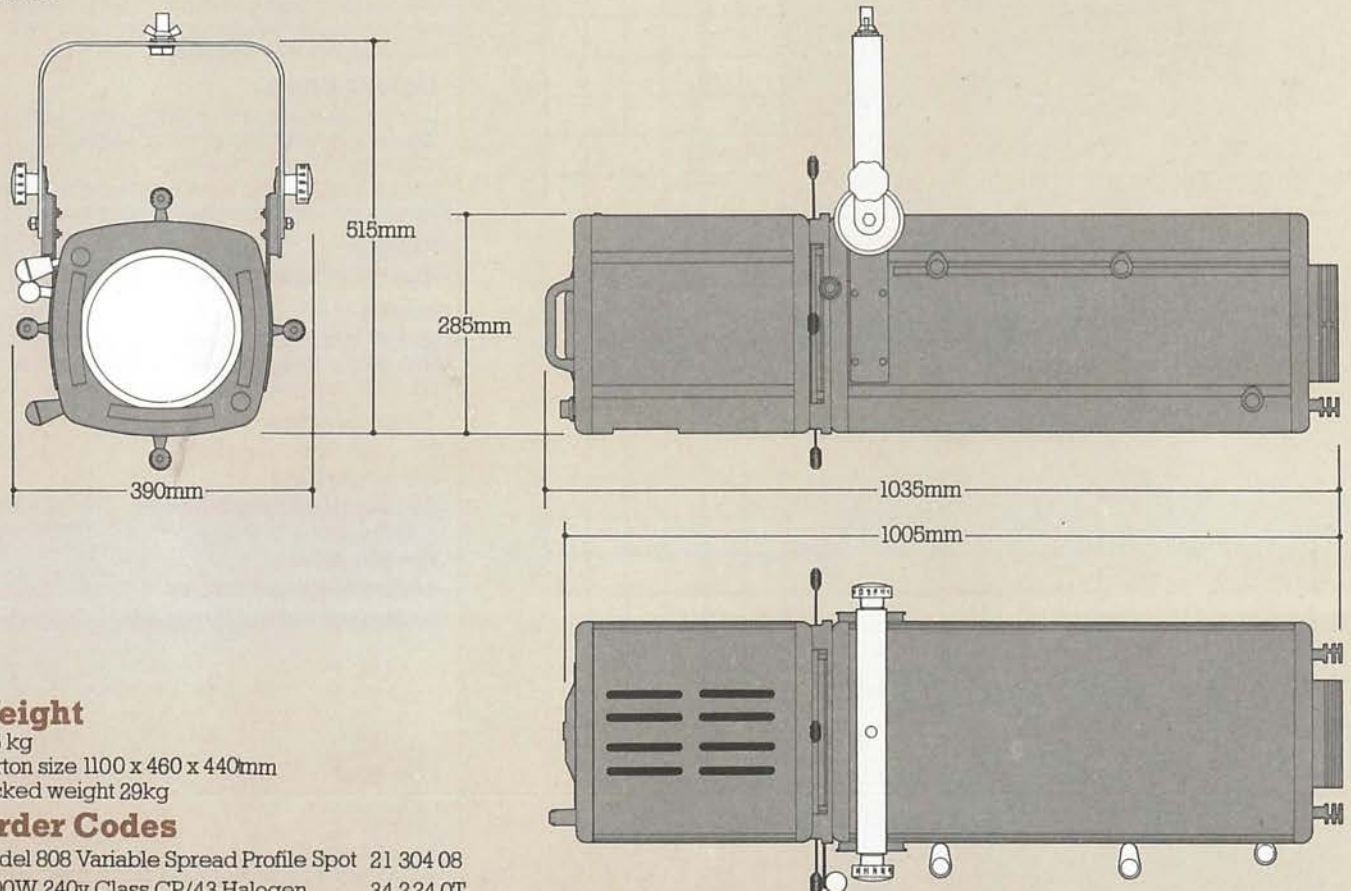
The new, powerful variable-spread Profile spot with a fully integrated housing, more compact and less obtrusive than previous 2000 watt models. To suit a wide variation of throw distances, without reducing the optical efficiency by restricting the gate aperture, the beam spread is variable from a narrow 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, or the fork pivoted centrally for use on a stand as a follow spot.



### Dimensions

Scale 1:10



### Weight

21.5 kg  
Carton size 1100 x 460 x 440mm  
Packed weight 29kg

### Order Codes

Model 808 Variable Spread Profile Spot 21 304 08  
2000W 240v Class CP/43 Halogen lamp 54,000 lm, 400 hr. obj. life 34 224 0T

## Performance

Typical performance based upon 2000W 240v Class CP/43 calibrated lamp, C.13 filament, 54,000 lm, 400 hour

Maximum circle, hard-edge focus

Narrowest adjustment

Cut-off angle 12°

Peaky field adjustment:

½ peak angle 9°, 285,000 peak candela (cd)

Flat field adjustment:

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

Widest adjustment

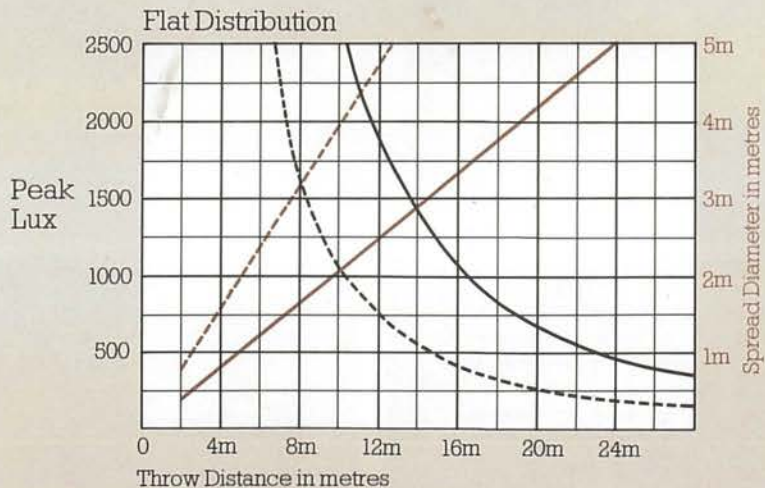
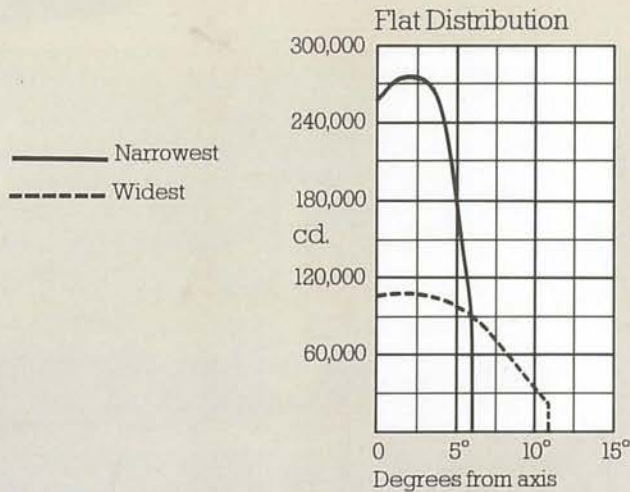
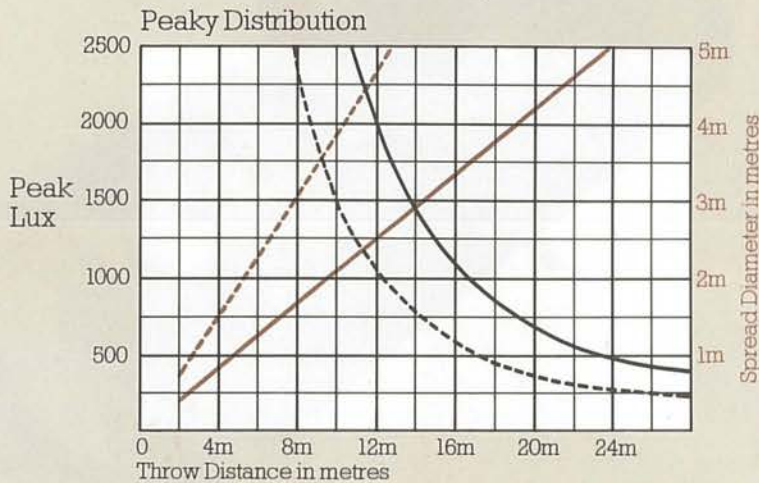
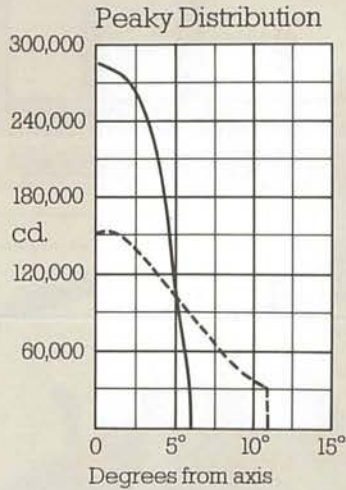
Cut-off angle 22°

Peaky field adjustment:

½ peak angle 14°, 150,000 peak candela (cd)

Flat field adjustment:

½ peak angle 17°, 105,000 peak candela (cd)



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

## 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 ½-in. Whit. for bolt, washers and wingnut supplied for suspension and swivel lock or for addition of TV spigot with ½-in. threaded stem.

### Lampray 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 x 1.5mm<sup>2</sup> 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 with blackout disc 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.

### 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 ½-in. stem	26 593 09
Net weight 0.7kg	
Additional Lampray Assembly	27 496 07
Additional Colour Frame	27 632 19
Net weight 0.2kg	
4-colour Magazine, manual	23 701 02
Semaphore Colour Change, 24v	23 881 05



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