



STRAND 828

2000 W HALOGEN FRESNEL SPOT

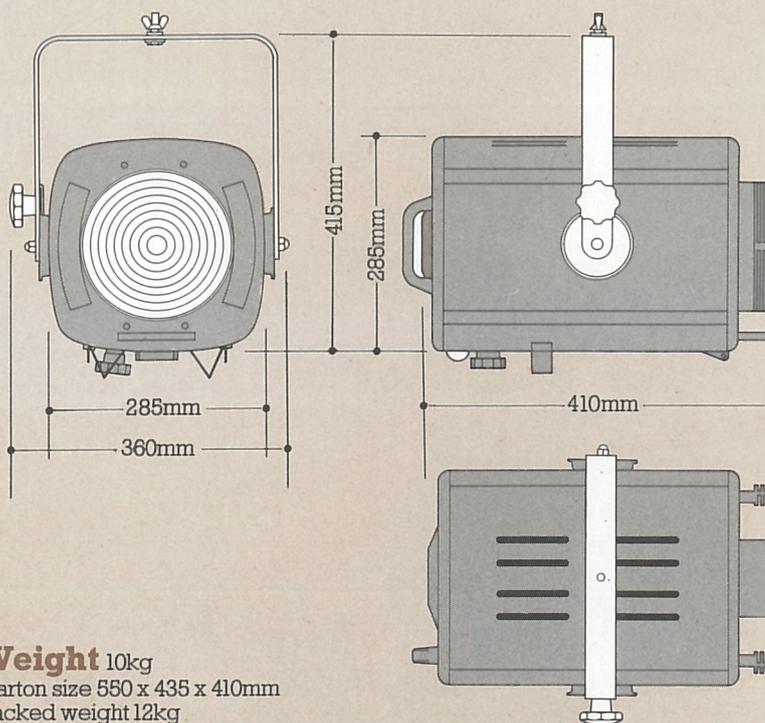
21 306 09

New high intensity Fresnel spot far more compact and lighter in weight than previous theatrical luminaires of this power. The soft-edged circular beam is variable from a tight, very high intensity spot to a wide flood focus by a handgrip knob, underneath the lamphouse, which is geared to the lead-screw focusing to ensure fast response to adjustment. The soft edge of the beam can be contained and roughly shaped by the addition of a four-door rotatable barndoor accessory. Front-hinged bottom access of the complete lampray and geared lead-screw mechanism is provided for ease of relamping and lens cleaning without disturbing the setting of the spotlight or barndoor attachment. A rear grab handle is fitted; also provision for the addition of 25mm mesh lens guard and a semaphore colour change unit.



Dimensions

Scale 1:10



Order Codes

Model 828 Fresnel Spot,
2000W 240v Class CP/43 Halogen
lamp 54,000 lm, 750 hr. obj. life

21 306 09
34 224 0T

Weight 10kg

Carton size 550 x 435 x 410mm
Packed weight 12kg

Specification**Lamphouse**

Pressed steel housing incorporating full length baffled ventilation slots. Front-hinged bottom assembly, normally secured by two slotted fasteners with removable toggles, provides interior access.

Fork

Mild steel, reversible, with 90mm dia. friction disc and handgrip knob for tilt clamp. Fork threaded and supplied with 1/2-in. Whit. bolt, washers and wingnut for suspension and swivel clamp.

Lampholder

GY.16 unequal pin lampholder, with integral heat sink, fitted with 1m external length of 3 x 1.5mm² conductor, toughened silicone rubber insulated and sheathed flexible cable secured by a strain-relief gland.

Lens

200mm dia. short-focus Fresnel lens of borosilicate glass recessed mounted with spring clips from within lamphouse.

Reflector

150mm dia. short-focus, spherical reflector of polished anodised aluminium.

Adjustment

Bottom, heat-resisting handgrip knob, 2:1 geared to lead-screw focus lampholder, together with reflector.

Colour Frame

Double die-cast runners, 150mm long, for the 215mm wide x 240mm high colour frame supplied for thin-film 'Chromoid'. Internal runners provided for 25mm mesh lens guard. Flat front of housing has thread-inserts for compact and rigid mounting of 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 recommended for stage and studio use.

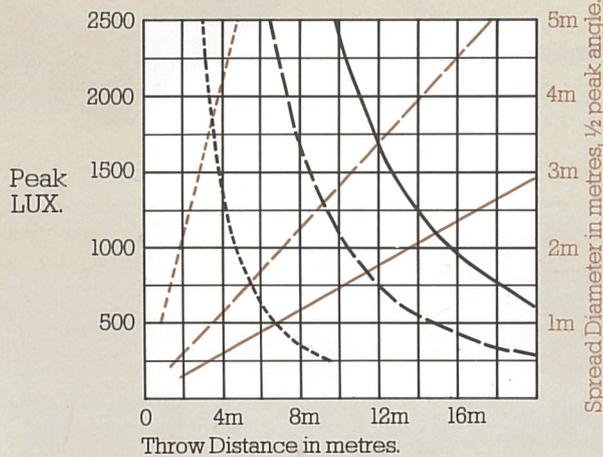
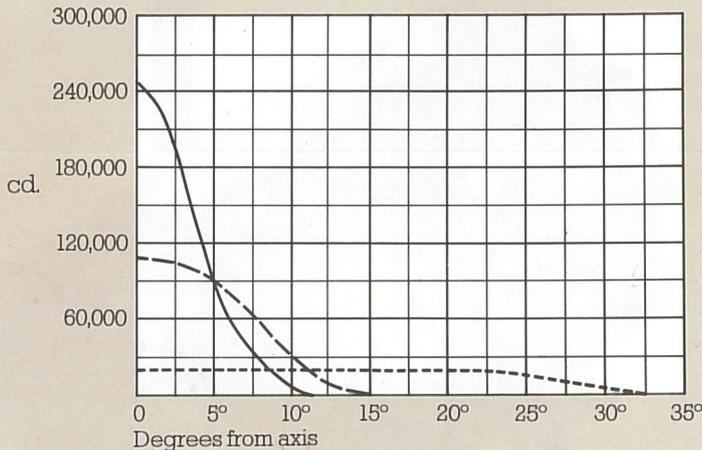
Accessories

215mm ² lens guard, 25mm mesh	27 884 07
Four-door rotatable Bar-door	23 633 00
Net weight 1.2kg	
TV spigot, with 1/2-in. stem	26 593 09
Net weight 0.7kg	
Additional 215 x 240mm 'Chromoid' frame	27 878 28
Semaphore Colour Change, 24v	23 881 05

Performance

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

1/2 peak angle 8.5° spot variable to 55° flood
1/10 peak angle 15° spot variable to 63° flood
244,000 peak candela (cd) at spot variable to 21,750 candela (cd) at flood.



— Spot
- - - Intermediate
· · · Flood

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177, Rookery



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