



STRAND 814

1000W HALOGEN PRISM CONVEX SPOT

21 307 04



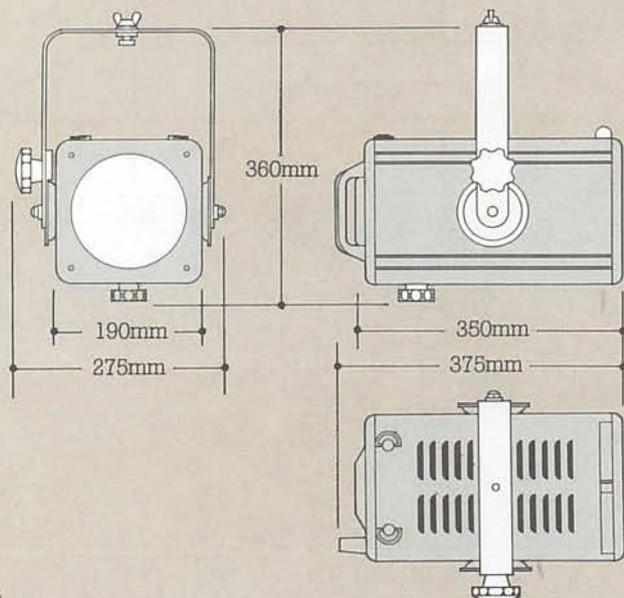
New compact luminaire providing a different beam quality which combines the fast flexibility of circular beam spread associated with a Fresnel Spot but the beam-edge quality of a soft-focused Profile Spot. The Strand development of a prism-convex lens, with lenticular rear surface and a new manufacturing technique, has eliminated the filament striation and edge coloration that was all too apparent with simple plano-convex spotlights of yesteryear.

Special features incorporated in this compact, double-skinned luminaire include internal colour frame runners with a swing safety catch, and a rear grab handle.

This new luminaire is ideal wherever fast focusing is required for tight, contained lighting design but where precise beam shaping is unnecessary. However, except at extreme spot focus, the diffused-edged beam can be roughly shaped by the addition of a clip-on, four door, rotatable barndoor accessory.

Dimensions

Scale 1:10



Order Codes

Model 814 Prism-Convex Spot 21 307 04
1000W 240v Class T/11 Halogen lamp
(23,000 lm, 750 hr. av. obj. life) 34 206 14

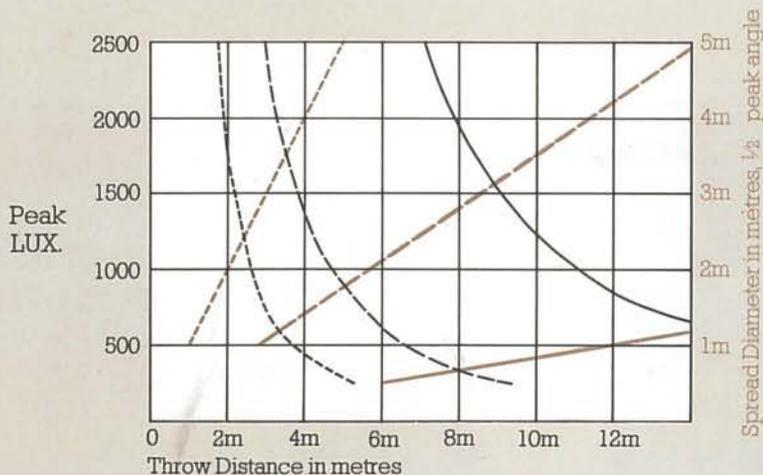
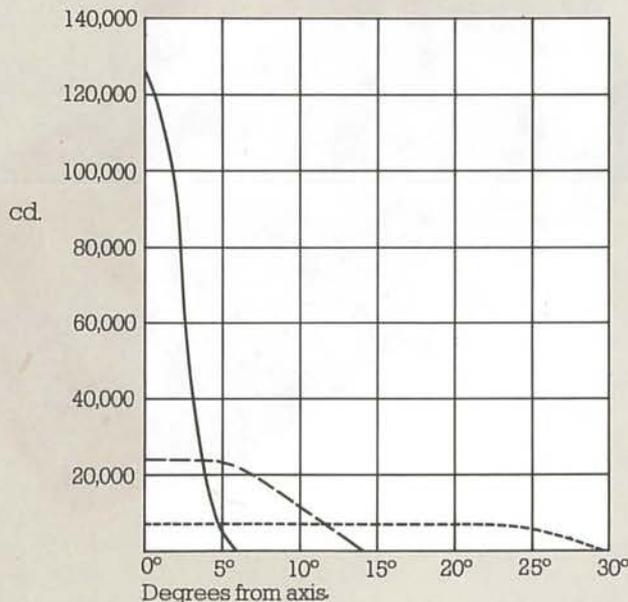
Weight 6kg

Carton Size 495 x 325 x 295mm
Packed weight 7.6kg

Performance

Typical performance, based upon
1000W 240v Class T/11 calibrated lamp,
C.13 filament, 13,500 lm, 750 hour

- 1/2 peak angle 5° spot variable to 54° flood
- 1/10 peak angle 8.5° spot variable to 58° flood
- 125,000 peak candela (cd) at spot variable to 7,000 peak candela (cd) at flood.



- Spot
- Intermediate
- Flood

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

Specification

Lamphouse

Pressed steel double-skin housing incorporating full length baffled ventilation slots. Internal access provided by temporary removal of multi-louved top cover, normally secured by two slotted fasteners with removable toggles. Heat-resisting grab handle fitted to rear.

Fork

Mild steel, reversible, with 90mm dia. friction disc and handgrip knob for positive tilt clamp. Fork threaded and supplied with 3/8 in. Whit. bolt, washers and wingnut for compact suspension and swivel clamp.

Lampholder

GX9.5 2-pin lampholder, with integral heat-sink, wired to internal porcelain terminal block which is 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

150mm dia. Strand designed prism-convex lens with lenticular rear surface. Lens of borosilicate glass recessed mounted with spring clips from within lamphouse.

Reflector

80mm dia. short-focus, spherical reflector of polished anodised aluminium.

Adjustment

Fully baffled, bottom slide focus of lampholder, together with reflector, moved and locked by a heat-resisting handgrip knob.

Colour Frame

Double internal runners with swing safety catch; one 165mm square colour frame supplied for 'Cinemoid' sheet or thin-film 'Chromoid'. Flat front of housing also has thread-inserts for add-on colour change accessory.

Finish

High temperature stoved texture black.

Lamps

1000W max. GX9.5 (2-pin) base. 55mm l.c.l. with 40mm max. dia. quartz envelope.

1000W Class T/11 Halogen recommended for stage use.

Accessories

165mm ² lens guard, 25mm mesh	27 885 02
Clip-on, rotatable Barndoor	23 894 09
Net weight 0.8kg.	
Additional Colour Frame	27 792 17
Net weight 0.2kg.	
Colour Change Wheel, 24v	23 890 07
Net weight 2.15kg.	
Semaphore Colour Change, 24v	23 781 00
Net weight 3kg.	



Rank Strand Electric
A Division of Rank Audio Visual Limited
P.O. Box 51, Great West Road,
Brentford, Middlesex TW8 9HR
Telephone: 01-568 9222. Telex: 27976