



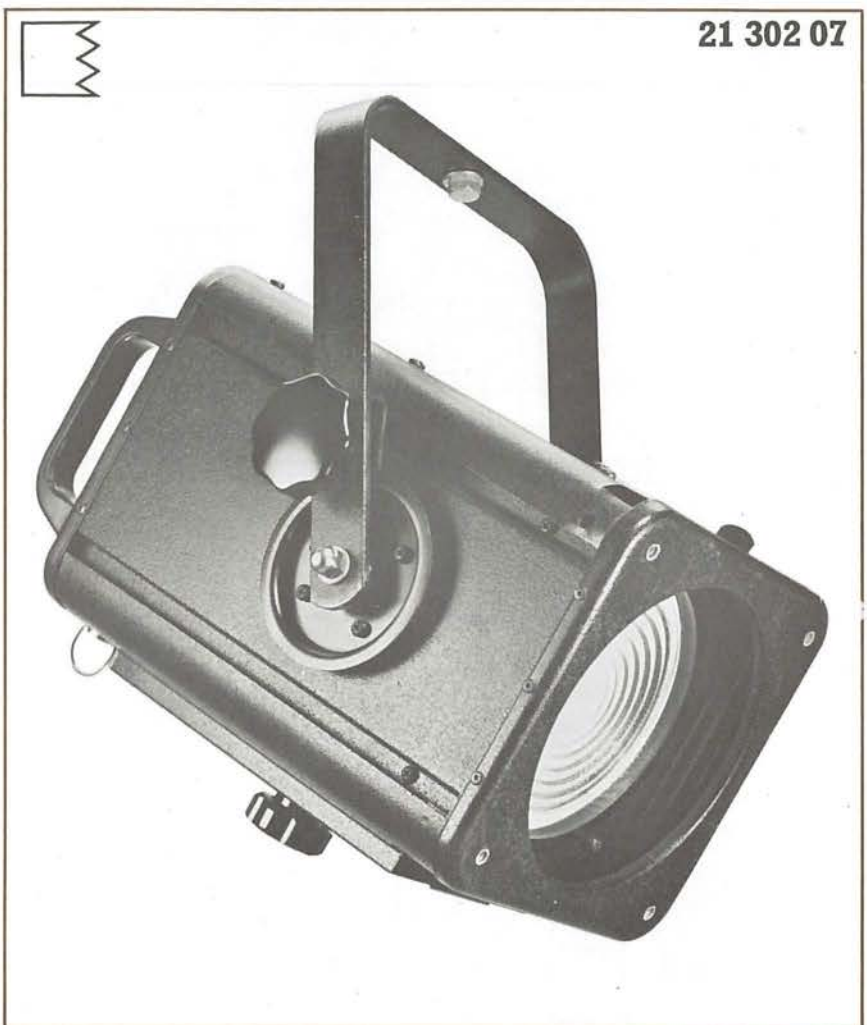
STRAND 803

650 W HALOGEN FRESNEL SPOT

21 302 07

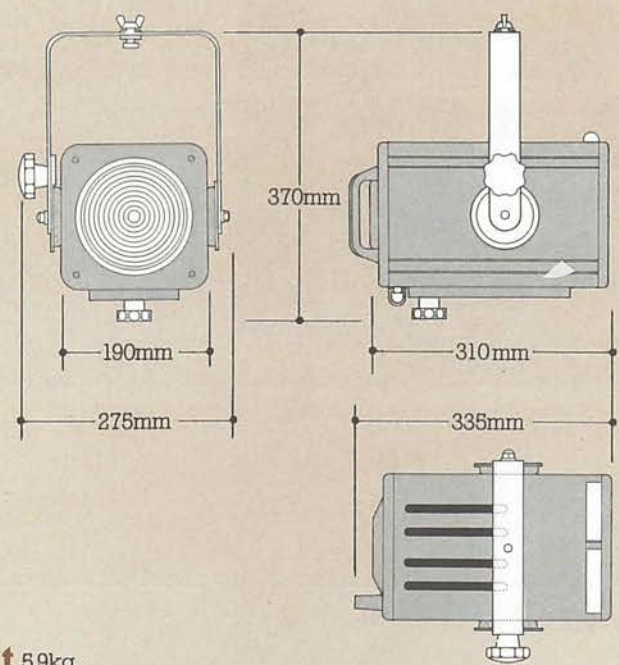
Compact luminaire taking maximum advantage of the small physical size of a quartz halogen lamp to provide exceptionally large variation of the circular, soft-edge beam from a tight spot to an extra-wide flood focus. The lampholder and reflector are moved through a long, fully baffled slot by a fast, slide-focus knob. The optical performance with a 650 watt quartz halogen lamp is similar to that of previous, much bulkier units for 1000 watt conventional projector lamps. These beam qualities, and the flexibility of spread, are ideal wherever performers, objects or areas need to be highlighted without any discernible edges to the beam. If required the soft edge of the beam can be contained and roughly shaped by the addition of a clip-on, four-door barndoor accessory.

Special features incorporated include front-hinged bottom access of the complete lampray for ease of relamping and lens cleaning without disturbing the setting of the spotlight; also internal colour frame runners with a swing safety catch, and a rear grab handle.



Dimensions

Scale 1:10



Order Codes

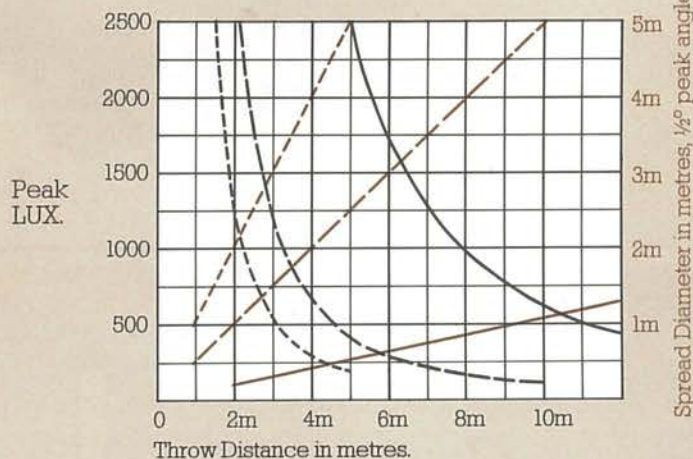
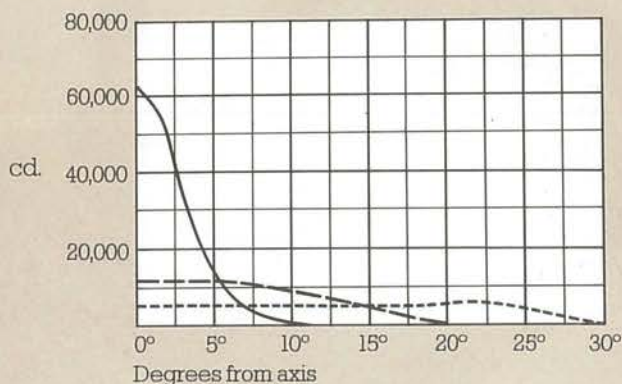
Model 803 Fresnel Spot, 13°/60°	21 302 07
650W 240v Class T/13 Halogen lamp (13,500 lm, 750 hr. av. obj. life)	34 223 04
500W 240v Class T/17 Halogen lamp (9,500 lm, 750 hr. av. obj. life)	34 217 09

Weight 5.9kg
 Carton size 450 x 435 x 435mm
 Packed weight 7kg

Performance

Typical performance, based upon
650W 240v Class T/13 calibrated lamp,
C.13 filament, 13,500 lm, 750 hour.

1/2 peak angle 6.5° spot variable to 54° flood
1/10 peak angle 13° spot variable to 60° flood
62,500 peak candela (cd) at spot variable to
6,000 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 housing incorporating full length baffled ventilation slots. Front-hinged bottom assembly, normally secured by two slotted fasteners with removable toggles, provides interior access. Heat-resisting grab handle fitted to rear.

Fork

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

Lampholder

P.28s medium prefocus, porcelain body, 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. short-focus Fresnel lens, of borosilicate glass recessed mounted with spring clips and small thumbscrews 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

650W max. P.28s (medium prefocus) base. 55.5mm l.c.l. with 40mm max. dia. quartz envelope. 650W Class T/13 Halogen, or 500W Class T/17 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	



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