



# STRAND 823

## 650 W HALOGEN PROFILE SPOT

21 300 06

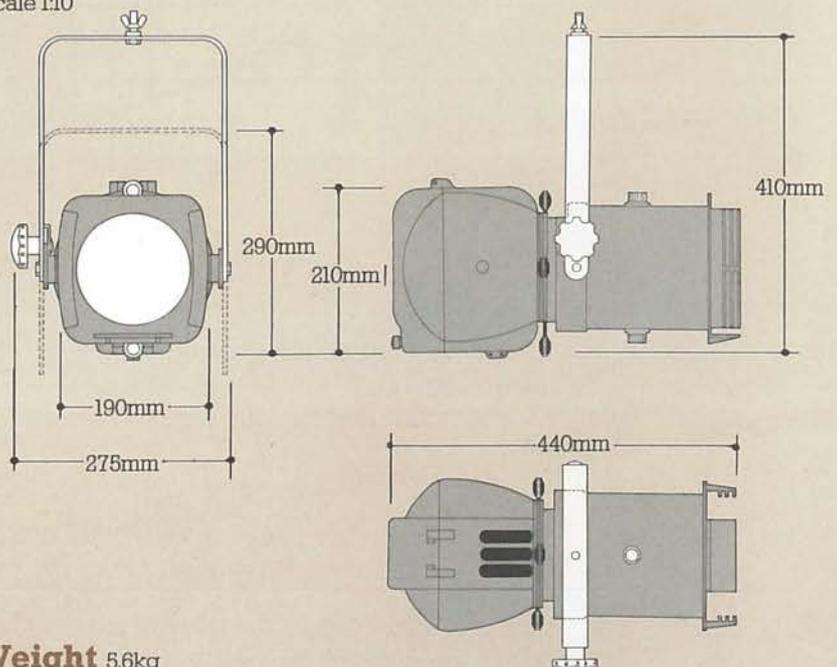
New luminaire with a 150mm diameter prismatic lens providing a medium angle spread of a beam which can be accurately shaped by the four externally operated shutters. The optical performance with a 650 watt quartz halogen lamp exceeds that of previous, bulkier 1000W Profile spots using base-up burning projector lamps. The medium angle spread is ideal wherever close control of beam shape is required from throw distances of 9 metres up to around 14 metres. The peaky beam distribution and the diffused edges of the beam facilitate the joining, side by side, of two or more beam patterns.

Special features incorporated include beam shaping shutters that can each rotate a full 90° around the optical axis, an internal lens tube sliding within the fixed length outer tube which provides firm support for colour change accessories, and a reversible fork with alternative tilt pivot points for more compact suspension.



### Dimensions

Scale 1:10



### Order Codes

Model 823 Profile Spot, 22° maximum	21 300 06
650W 240v Class T13 Halogen lamp	34 223 04
13,500 lm, 750 hr. obj. life	
500W 240v Class T/17 Halogen lamp	34 217 09
9,500 lm, 750 hr. obj. life	
500W 240v Class T/1 non-halogen lamp	34 111 1T
9,500 lm, 200 hr. obj. life	

### Weight 5.6kg

Carton size 700 x 340 x 300mm  
Packed weight 7.5kg

## Specification

### Lamphouse

Pressure die-cast aluminium alloy, with top-hinged rear access.

### Fork

Mild steel, reversible, with 50mm dia. friction disc and handgrip knob for tilt clamp. Alternative, shorter tilt pivot axis provided. Fork threaded and supplied with 3/8-in. Whit. bolt, washers and wing-nut for suspension and swivel clamp.

### Lampholder

P28s medium prefocus, porcelain body, fitted with 1m 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.

### Reflectors

180mm dia. faceted ellipsoidal rear reflector and spherical, annular frontal reflector, both of polished anodised aluminium.

### Gate Assembly

Four steel alloy beam-shaping shutters, each capable of 90° rotation around the optical axis, with heat-resisting, serrated-edge knobs with recessed fixing. Top-access gate runners for addition of drop-in iris diaphragm accessory.

### Lens

150 x 150mm prismatic step lens in internal lens tube sliding within fixed length, rigid outer tube. Internal lens tube moved and locked by two heat-resisting knobs.

### Colour Frame

Die-cast alloy rigid front with replaceable double die-cast runners, 150mm long, for the 165mm square colour frame supplied for 'Cinemoid' sheet or thin-film 'Chromoid', or for the addition of colour change accessories.

### 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

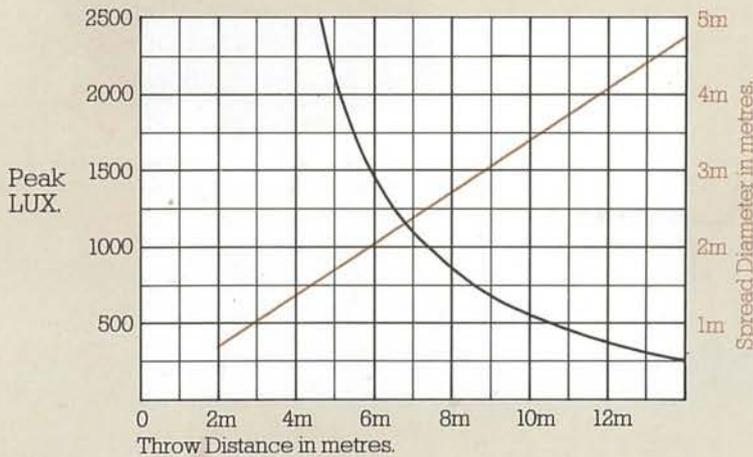
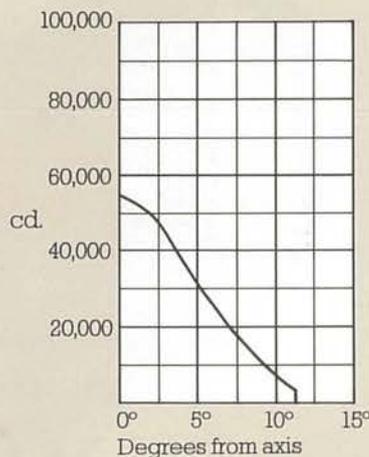
12-leaf Iris Diaphragm	23 363 09
Additional Colour Frame	27 792 17
Net weight 0.2kg	
Colour Change Wheel, 24v	23 890 07
Net weight 2.15kg	

## Performance

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

Maximum circle, hard-edge focus

- Cut-off angle 22° maximum
- 1/2 peak angle 11° maximum
- 55,000 peak candela



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



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