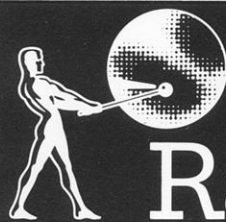


Prelude 28/40

650/1000W Halogen Variable Spread Profile Spot



Rank Strand

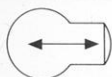
22 405 04

New, medium to wide angle variable-spread 650/500W Profile Spot replacing, and improving upon the previous fixed-spread Prelude 30 and Prelude 40 in one, more flexible luminaire with exceptional performance.

The beam spread, determined by the relative positions of the two independently moved lenses, is adjustable from a useful 28° up to a generous 40° to suit throw distances up to around 9m to as short as 3m. Beam shape is adjustable by the four built-in shutters, and the distribution of light within the chosen beam is determined by the peaky/flat adjustment knob recessed within the bottom die-casting.

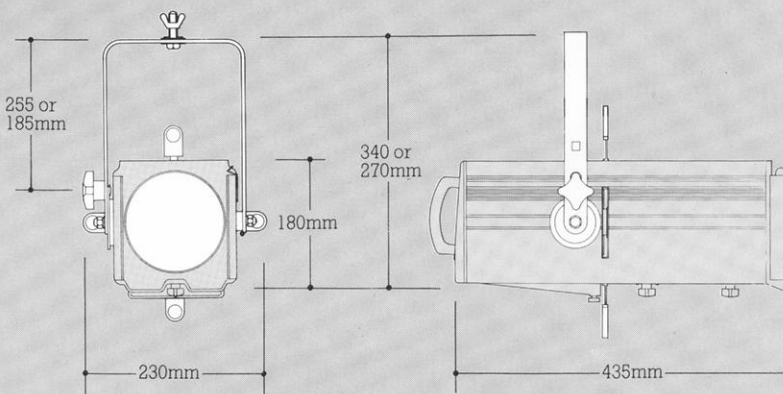
The Prelude 28/40 has a robust, yet attractive and lightweight, fully integrated housing of finned, extruded sides and interlocking pressure die-castings. A rear grab handle is fitted and the alloy fork is adjustable in height, and also laterally.

All the Prelude series embody unique, high standards of safety including a separable power connector which has to be withdrawn before hinged internal access can be gained, also a safety bond anchorage on the housing and a sprung safety clip over the colour frame runners.



Dimensions

Scale 1:10



Item Numbers

Prelude 28/40 Variable Spread Profile Spot including RSE/26 650W lamp and 1.5m power cable (state 240 or 220v, and 15A, Schuko, or wire-ended cable)	22 405 04
Additional RSE/26 650W 240v lamp	34 231 00
Additional RSE/26 650W 220v lamp	34 231 19
Additional RSE/18 500W 240v lamp	34 218 12
Additional RSE/18 500W 220v lamp	34 218 20
Additional 1.5m power cable, 15A 3-pin plug top	35 002 01
Additional 1.5m power cable, moulded-on Schuko	35 001 06
Additional 1.5m power cable, wire-ended	35 000 00

Weight

6.3 kg

Carton Size

62 × 31.5 × 30cm, 0.059m³
Packed weight 7.5 kg including lamp and power cable.

Environment

45°C max ambient, interior use

Tilt

45° above horizontal to 90° below (vertical)

Performance

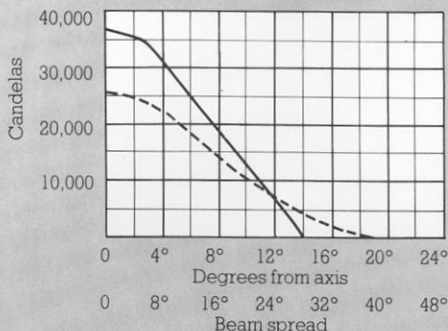
Typical performance, based upon a 650W 240v RSE/26 calibrated lamp, C13 filament, 400 hour, 3000°K, 15,000lm.

Maximum circle, hard-edge focus
 Narrowest spread, cut-off angle 28°
 'Peaky' adjustment
 ½ peak angle 16.5°
 36,500 peak candelas
 'Flat' adjustment
 ½ peak angle 26°
 28,000 peak candelas

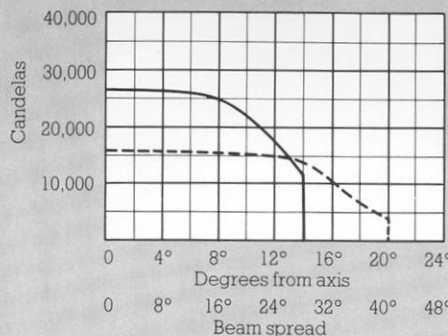
Widest spread, cut-off angle 40°
 'Peaky' adjustment
 ½ peak angle 17.5°
 25,500 peak candelas
 'Flat' adjustment
 ½ peak angle 33.5°
 15,500 peak candelas

For RSE/18 500W lamp multiply candela figures above by 0.73.

650W
RSE/26 LAMP
'Peaky' Distribution

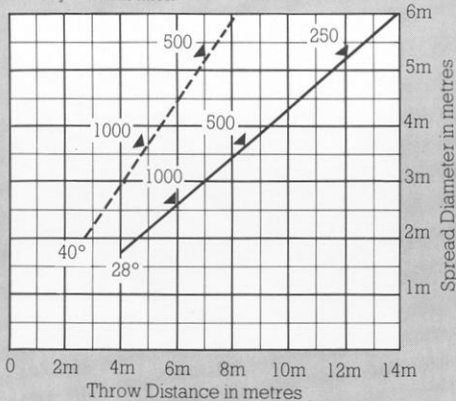


650W
RSE/26 LAMP
'Flat' Distribution

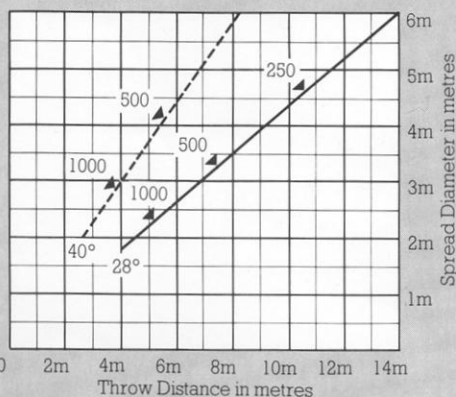


———— Narrowest
 - - - - - Widest

'Peaky' Distribution



'Flat' Distribution



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

The figures on the diagonal lines indicate the illumination value in lux at beam centre.



Rank Strand Prelude 28/40

Specification

Housing

Extruded, finned, aluminium sides and interlocking pressure die-cast ends and hinged lampray, joined by machine thread screws, combining strength and rigidity with minimum weight but maximum heat dissipation, assisted by convection ventilation. Anchorage provided for safety bond. Heat insulated, grab handle fitted to rear.

Fork

Aluminium alloy, reversible with 70mm dia. friction disc and heat-insulated handwheel for tilt lock. Alternative, shorter tilt pivot axis provided and pivot axis adjustable laterally between rear and gate plane. Fork threaded and supplied with M.10 bolt, washer and wingnut for compact suspension and swivel lock. Fitted with clip for power cable retention.

Lampholder

GY9.5 unequal-pin porcelain body, wired direct to CEE.22 high temperature power connector.

Power Cable

1.5m long, 3 x 1.5mm² conductor toughened silicon rubber cable moulded to mating CEE.22 angled power socket. Other end of cable moulded to 15A 3-pin or Schuko plugtop, or open wire-ends (specify).

Internal Access

Bottom rear-hinged lampray secured by single thumb fastener but, for maximum safety, internal access prevented mechanically until power socket disconnected.

Reflector

110mm dia. near-ellipsoidal reflector of anodised aluminium.

Gate Assembly

Four steel alloy beam shaping shutters with non-reflective finish and heat-insulated ring-type knobs. Gate runners, with lead-in extended to top access, for drop-in iris diaphragm or pattern (gobo) holder accessories. Shutter blades assembled to a pressure die-casting for heat dissipation; blades can be replaced, if damaged, without the use of tools.

Lenses

Variable-spread combination of two 100mm dia. plano-convex lenses of polished borosilicate glass. Separate internal sliding lens carriers support the full circumference of each lens. The two lens carriers moved and locked independently in a fully baffled slot by heat-insulated fingergrip knobs.

Distribution Adjustment

Movement of lampholder relative to reflector for 'peaky' to 'flat' field by heat-insulated fingergrip knob fully recessed in bottom lampray casting.

Colour Runners

Aluminium extrusions, with spring safety clip, providing double runners, plus guide for optional 25mm mesh lens guard. One 150mm square colour frame with circular aperture supplied for thin-film 'Chromoid' or 'Cinemoid' sheet colour filter.

Finish

High temperature stoved, black epoxy powder coated.

Lamps

650W max. GY9.5 base, 46.5mm l.c.l. with 25mm max. dia. quartz envelope. Supplied with RSE/26 650W 240v or 220v lamp. RSE/18 500W lamps and different, but interchangeable lamps for special applications can be purchased.

Accessories

Lens Guard, 25mm mesh.	2722808
12-leaf Iris Diaphragm	2377521
Pattern (gobo) Holder	2386502
Additional 150mm ² Colour Frame	2726003
Colour Change Wheel, 24v	2386809

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