

Prelude 30

500/650W Halogen Profile Spot

The new 500 or 650W medium angle Profile Spot with the fully integrated housing, up to date in styling and incorporating many features previously only available on higher powered, more expensive units.

The maximum spread, with all four beam shaping shutters withdrawn to their limit, is a useful 28° suitable for throw distances down to 6m, but because the beam distribution is externally adjustable from a 'flat' field to a very peaky beam it can be equally effective from up to 10m distance. In addition to beam shaping shutters, gate runners are provided for the addition of a drop-in iris diaphragm or pattern (gobo) holder.

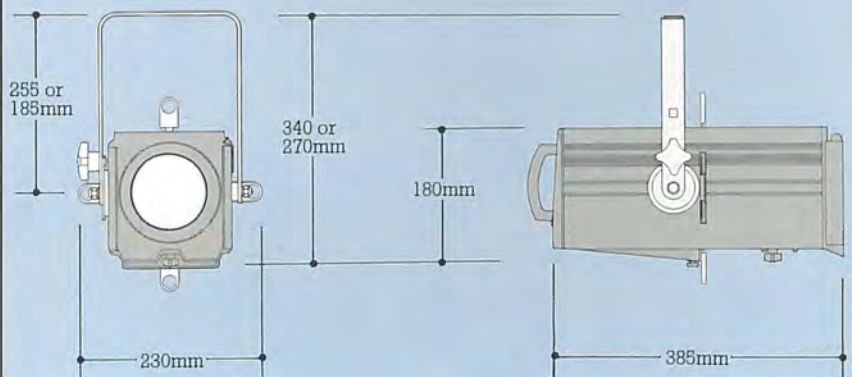
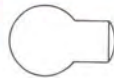
The Prelude 30 has a strong, yet lightweight, fully integrated housing of finned extruded sides and interlocking pressure die-castings and is fitted with a rear, grab handle. The alloy fork is adjustable in height, and also laterally.

All the Prelude series embody new safety features including separable power connector which has to be withdrawn before hinged internal access can be gained, also a safety bond anchorage on the housing and a sprung safety clip over the colour frame runners.



Rank Strand

22 400 07



Order Codes

| | |
|---|-----------|
| Prelude 30 Profile Spot including RSE/18 500W lamp and 1.5m power cable (state 240 or 220v, and 15A, Schuko, or wire-ended cable) | 22 400 07 |
| Additional RSE/18 500W 240v lamp | 34 218 12 |
| Additional RSE/18 500W 220v lamp | 34 218 20 |
| Additional Class T/26 650W 240v lamp | 34 231 00 |
| Additional Class T/26 650W 220v lamp | 34 231 19 |
| Additional 1.5m power cable, 15A 3-pin | 35 002 01 |
| Additional 1.5m power cable, Schuko | 35 001 06 |
| Additional 1.5m power cable, wire-ended | 35 000 00 |

Dimensions

Scale 1:10

Weight

5.5 kg
Carton Size 56×31.5×30cm, 0.053m³
Packed weight 6.7 kg including lamp and power cable

Environment

IP 21 classification

Tilt

45° above horizontal to 90° below (vertical)

22 400 07

Performance

Typical performance, based upon 500W 240v RSE/18 calibrated lamp, C13 filament, 500 hour, 3000°K, 11,000 lm and 650W 240v Class T/26 calibrated lamp, C13 filament, 400 hour, 3000°K, 15,000 lm.

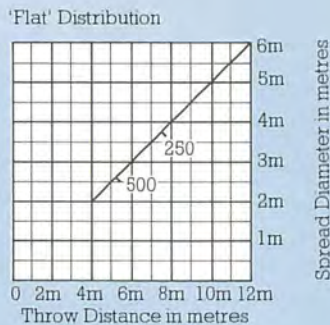
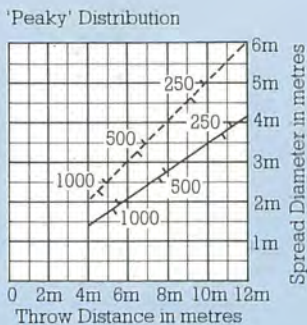
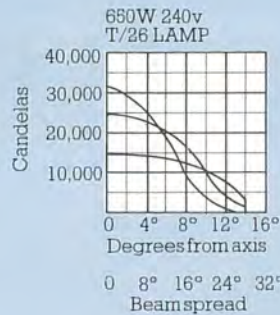
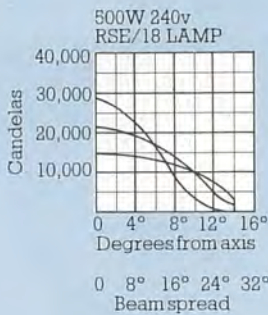
Maximum circle, hard-edge focus, cut-off angle 28°

Max 'peaky' adjustment
 ½ peak angle 13.5°,
 28,500 (31,500*) peak candelas

'Peaky' adjustment
 ½ peak angle 19°,
 21,000 (24,000*) peak candelas

'Flat' adjustment
 ½ peak angle 22°,
 14,500 (16,750*) peak candelas

*figures for Class T/26 lamp



—— Max 'Peaky'
 - - - - Peaky'

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

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



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 Prelude 30**

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

100mm dia. plano-convex lens of borosilicate glass in sliding lens carrier supporting the full circumference of the lens. Moved and locked in a fully baffled slot by a heat-insulated fingertip knob.

Distribution Adjustment

Movement of lampholder relative to reflector for 'peaky' to 'flat' field by heat-insulated fingertip 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.

Lamps

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

Accessories

| | |
|--|-----------|
| Lens Guard, 25mm mesh. | 27 228 08 |
| 12-leaf Iris Diaphragm | 23 775 21 |
| Pattern (gobo) Holder | 23 865 02 |
| Additional 150mm ² Colour Frame | 27 260 03 |
| Colour Change Wheel, 24v | 23 868 09 |

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