

Minim 23

500/250W Halogen Profile Spot

The new, low-cost Profile Spot with four built-in, but externally operated beam shaping shutters for very accurate control of beam shape with edges hard or soft focused by movement of the 90mm diameter plano-convex lens. The maximum spread with the shutters withdrawn to their limit of movement is a generous, 28° circular beam suitable for throw distances up to around 9.5 metres. For close range a supplementary wide angle lens can be added.

The compact size is especially useful for display and simple presentation lighting with a theatrical flair, as well as being ideal for school and amateur performances where an adequate number of small, low-cost spotlights give the opportunity for creative lighting.

Minim 23 has finned, extruded aluminium sides, shaped end-plates and is fitted with a heat-insulated rear handle and tilt clamp handwheel. The slide focusing knob is fully recessed so that it does not protrude beyond the housing outline. The captive, louvred top cover over the lamphouse slides back to provide full length internal access.

Minim 23 is packed individually in a carton and is complete with a RSE/18 500W 240v or 220v lamp.



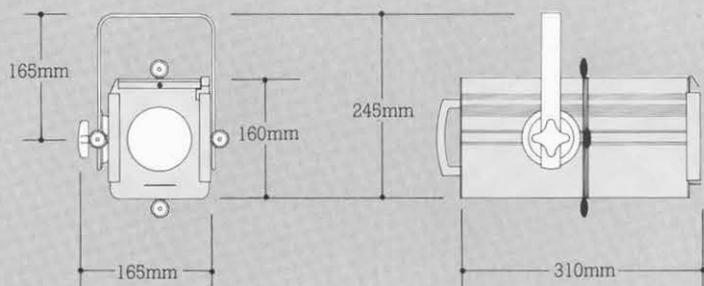
Rank Strand

22 310 0T



Dimensions

Scale 1:10



Item Numbers

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| Minim 23 Profile Spot, including RSE/18 500W lamp (state 240v or 220v). Carton packed individually | 22 310 0T |
| Additional RSE/18 500W 240v lamp | 34 218 12 |
| Additional RSE/18 500W 220v lamp | 34 218 20 |
| Additional M/40 500W 240v lamp | 34 350 12 |
| Additional M/40 500W 220v lamp | 34 350 20 |
| Additional CP/82 500W 240v lamp | 34 349 65 |
| Additional CP/82 500W 220v lamp | 34 349 57 |
| Additional M/38 300W 240v lamp | 34 350 71 |
| Additional M/38 300W 220v lamp | 34 350 87 |
| Additional CP/81 300W 240v lamp | 34 349 49 |
| Additional CP/81 300W 220v lamp | 34 349 30 |

Weight

3.85 kg

Carton Size

44 × 23 × 22cm, 0.23m³
Packed weight 4.5 kg including lamp

Environment

45°C max ambient, interior use

Tilt

45° above horizontal to 90° below (vertical)

22 310 0T

Performance

Typical performance, based upon 500W 240v RSE/18 calibrated lamp, C13 filament, 500 hour, 3000°K, 11,000 lm

Maximum circle, hard-edge focus

Cut-off angle 28°

½ peak angle 18°

23,000 peak candelas

With addition of wide angle lens

Cut-off angle 38°

½ peak angle 27°

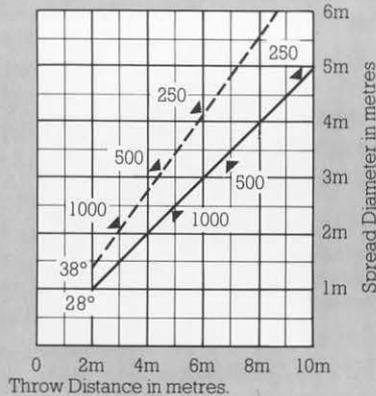
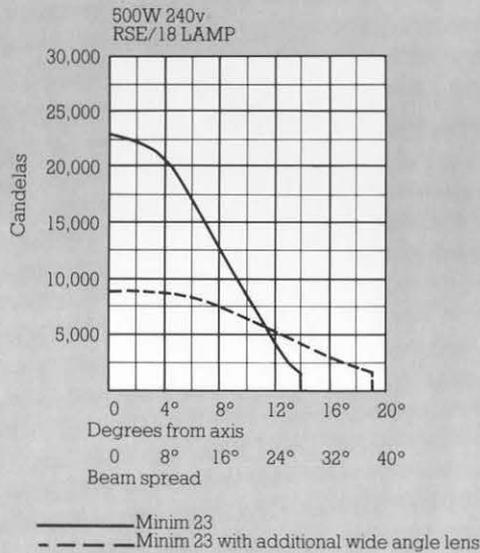
9,000 peak candelas.

With long-life M/40 500W lamp

multiply candela above figures by 0.77

With long-life M/38 300W lamp

multiply candela above figures by 0.45



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.



Rank Strand Minim 23

Specification

Housing

Extruded, finned, aluminium sides for strength with minimum weight but maximum heat dissipation. Top, bottom and end pieces in steel, incorporating multiple ventilation slots with light baffles. Heat insulated grab handle fitted at rear.

Fork

Aluminium alloy, reversible with 70mm dia. friction disc and heat-insulated handwheel for tilt lock. Fork threaded and supplied with M.10 bolt, washer and wingnut for compact suspension and swivel lock.

Lampholder

GY9.5 unequal-pin, porcelain body, wired to porcelain terminal block housed in separate compartment below lamphouse. Fitted with 1m length of 3x0.75mm² conductor cable with high temperature insulation secured by a re-usable strain-relief gland.

Gate Assembly

Four steel alloy beam shaping shutters with heat-insulated knobs. Gate runners, with lead-in extended to top access, for drop-in iris diaphragm or pattern (gobo) holder accessories. Shutter blades assembled between spring loaded plates for smooth operation and to allow removal, if damaged, without the use of tools.

Lens

90mm 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 fingergrip knob.

Reflector

100mm dia. ellipsoidal reflector of anodised aluminium.

Accessory Runners

Aluminium extrusions with 125mm separation to accept colour filter frames or barndoors.

Finish

High temperature stoved, black epoxy powder coated.

Lamps

500W 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

| | |
|---|-----------|
| Additional wide angle lens and carrier | 27 800 4T |
| 125mm ² fibre colour frame | 27 806 0T |
| 12-leaf Iris Diaphragm | 23 363 17 |
| ½-in (16mm) female, stand mounting socket | 26 865 01 |

Rank Strand Limited
 P.O. Box 51, Great West Road,
 Brentford, Middlesex TW8 9HR,
 United Kingdom.
 Telephone 01-568 9222. Telex 27976.