

Solo 2K Followspot Variable Spread 2000W Halogen

For maximum flexibility the housing contains a variable spread lens system providing a narrow angle 9° and a wide spread angle of 15° with the full aperture of the 24-leaf built-in iris diaphragm. This side operated iris has a blackout disc to engage at minimum aperture, but in addition an on-off cord switch is fitted. For straight sided beam shaping, a parallel-closing horizontal strip shutter is incorporated, with the single operating knob adjacent to the iris handle so that both can be used simultaneously. Provision has been made for the strip shutter to rotate + and -25° from the horizontal for parallel alignment with the acting area. The peaky/flat field adjustment at the rear maintains excellent beam qualities throughout the whole range of distribution of beam spread variations.

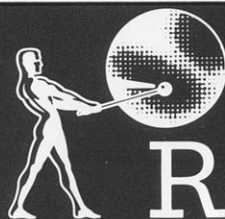
The gate provides a slot to accept a Gobo holder for profile projection. Front and rear sights enable the operator to align the housing before opening the strip shutter or iris. Large hand rails along the whole length of the housing on the operator side of the unit and at the rear enable the spot to be operated from any position.

The Followspot is mounted within a rigid fork with a friction bearing for rotational movement for stand mounting. For overhead suspension the fork is reversed and fitted with a TV spigot.

The balance of the housing can be adjusted by moving the fork along the side of the housing. The power connection is interlocked with the bottom access door for safety – the housing cannot be opened until the power connector is removed.

Item Numbers

Solo 2k Variable Spread Followspot,
complete with RES79 2000W 240v
Tungsten Halogen lamp
(220v alternative may be specified) 22 525 00
6-colour magazine, hand operated 23 879 90

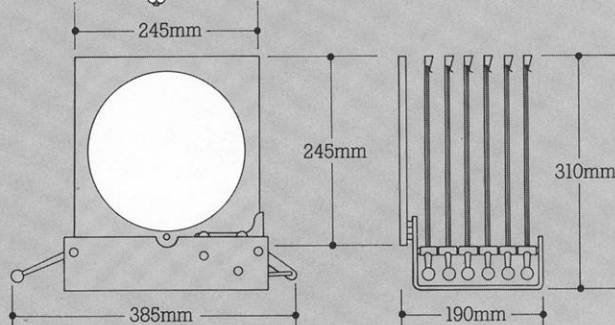
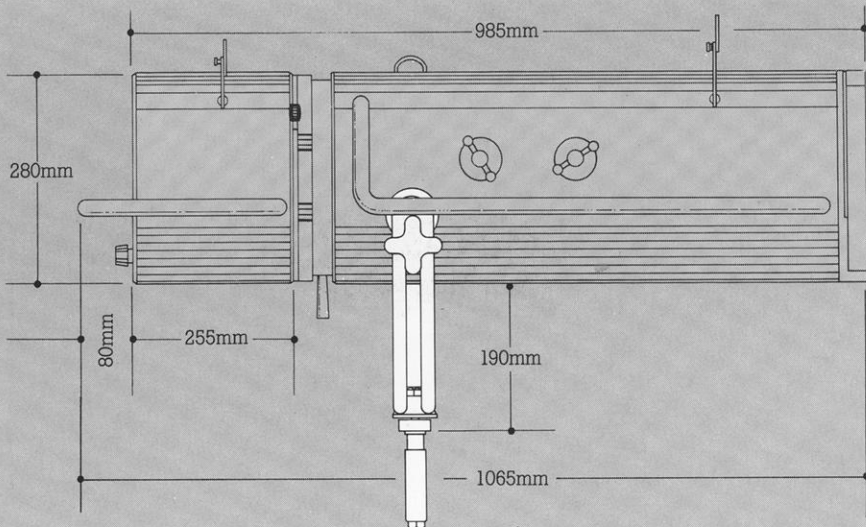
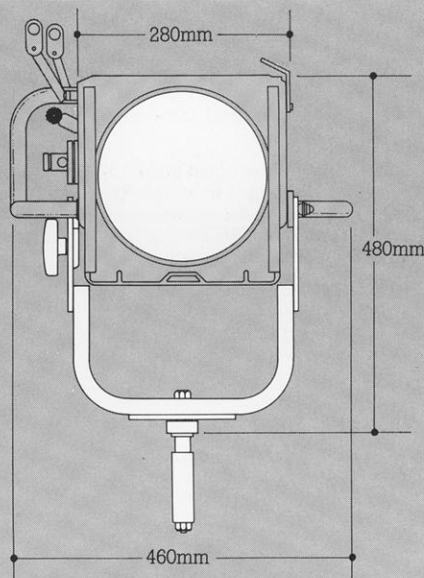


Rank Strand

22 525 00



23 879 90



Dimensions

Scale 1:10

Weight

(Luminaire) 30.5 kg
Carton size 1210 x 550 x 525mm, 0.35m³
Packed weight 39 kg

Weight

(Colour magazine) 3 kg
Packed weight 3.3 kg

Performance

Based upon 2000W 240v RSE/79 biplane lamp,
52,000 lm, 250 hours.

Maximum circle, hard-edge focus.

Narrowest lens adjustment, max iris aperture

Cut-off angle 9°

1/2 peak angle 8°

650,000 peak candela (cd)

Widest lens adjustment, max iris aperture

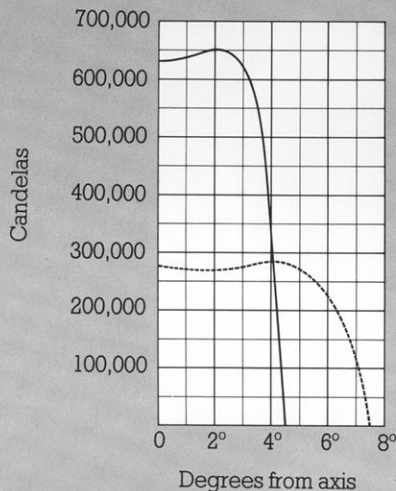
Cut-off angle 15°

1/2 peak angle 13.5°

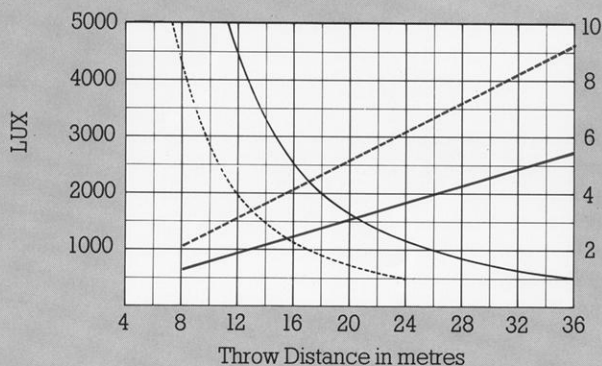
285,000 peak candela (cd)

Flat field adjustment.

2000W 240v
RSE/79 LAMP



— Narrowest angle 9°
--- Widest angle 15°



Spot Diameter in metres



Rank Strand Solo 2K

SPECIFICATION**Housing**

Extruded, finned, aluminium sides with gravity die-cast aluminium ends and shutter bulkheads joined by machine thread screws to combine extreme robustness and rigidity with minimum weight and maximum heat dissipation. For additional heat dissipation the lamphouse is provided with light baffled ventilation slots. Anchorage fitted for safety bond. Heat insulated side and rear handles.

Mounting

Extra rigid, twin tubular steel fork with 90mm friction disc and handgrip knob for tilt clamp and with special TV spigot 29mm dia. incorporating friction bearing for swivel (not suitable for suspension). Tilt pivot axis position adjustable laterally for optimum balance. For suspension from overhead hook clamp use spigot type 26 860 04.

Lamptray Assembly

GY16 unequal pin lampholder, with integral heat-sink, mounted on removable assembly normally secured to the peaky/flat field adjustment moved independently by a rotary knob at the rear.

Reflector

180mm dia. near-ellipsoidal reflector of polished anodised aluminium.

Gate Assembly

Built-in, side operated 24-leaf iris diaphragm with blackout disc. Pair of horizontal strip shutters mechanically linked for parallel movement from a single heat-resisting knob adjacent to iris handle. Strip shutter assembly rotatable through 50° around optical axis to compensate for off-centre projection

Lenses

Variable-spread combination of 230mm dia. plano-convex front lens and 150mm dia. rear lens mounted on separate die-cast mounts sliding smoothly along two diagonally opposed internal rods. Lenses moved independently and each locked, adjacent to a rotary scale. Sliding top for easy lens cleaning access. A 25mm mesh wire lens guard is supplied.

Colour Magazine (Accessory)

Side operated semaphore type 6-colour magazine fitted and supplied with 6 removable 245mm² colour frames for thin-film 'Chromoid', or non-saturated 'Cinemoid' colour filters.

Finish

High temperature stoved, powder-coated black.

Lamps

2000W max GY16 (unequal-pin) base, 70mm l.c.l with 40mm max. dia. quartz envelope. RSE79 with compact biplane filament preferred for maximum light output. Alternatively Class CP/43 with monoplan filament can be used with reduced efficiency.

Accessories

6-colour magazine	23 879 90
Folding, braced stand	26 897 04
29mm T.V. type spigot	26 860 04
T.V. type hook clamp	26 594 04
Pattern (Gobo) holder	23 864 07
Additional 245mm ² colour frame	23 525 10
2000W 240v RSE 79 Halogen Lamp	
250 hours	34 232 06
2000W 220v RSE 79 Halogen Lamp	
250 hours	34 232 14