

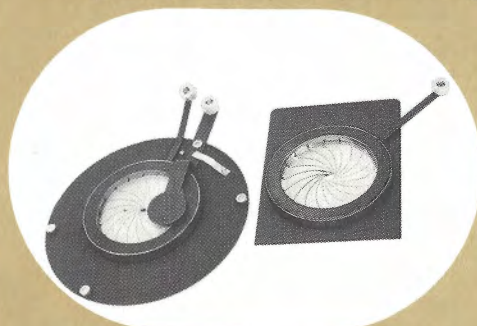
**CCT**

# theatre lighting

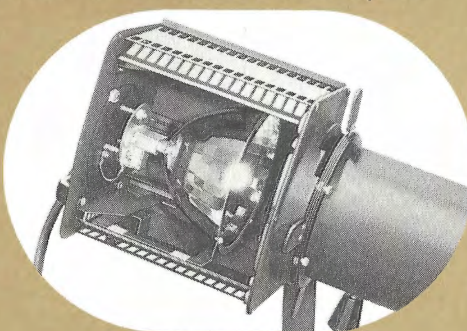
**zoom profile****Silhouette  
1000 10****AXIAL****10° ↔ 22°****Axial lamp optical system - Rapid control Peak centre/Flat field.**

Completely compatible with existing Silhouette lenses and accessories. CCT's new 1000W Axial Optics

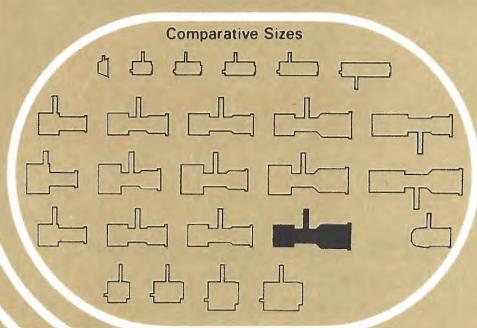
Silhouette lamphouse is a new design based upon work by CCT for its series of spotlights for the North American market. CCT's Axial Silhouette Profile lamphouse brings 120V efficiencies to 220/240V users and at the same time provides a remarkable range of beam control from centre peak to flat. In the new lamphouse the lamp is aligned on the major axis with the lampholder chassis being located through the backplate. Construction is of aluminium extrusions and castings which with good convection cooling give good thermal control and an acceptable skin temperature.



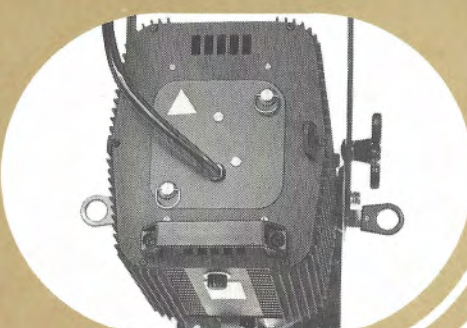
*Optional drop-in Iris or Iris/Blackout assembly for follow spot conversion.*



*Cross section showing lamp position.*



*The lamp which passes through a small hole in the rear of the reflector can be externally trimmed to provide fine tuning of the lamp alignment. Peak/Flat adjustment is by moving the reflector with novel slide knob control.*





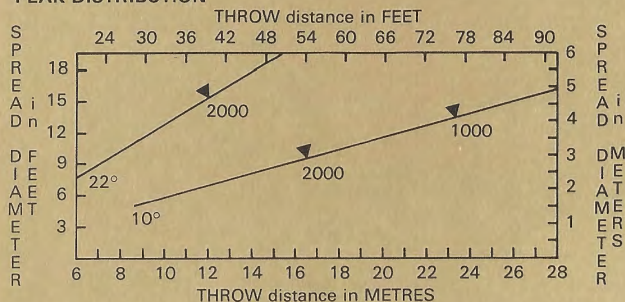
# technical data

Order Code  
**ZOOFS**

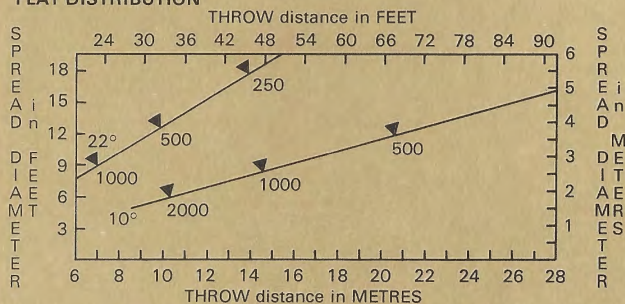
Weight 16.7kg

## Photometric Data

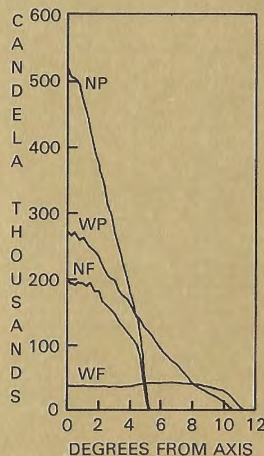
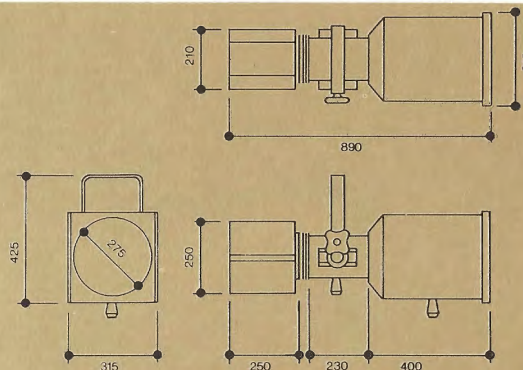
### PEAK DISTRIBUTION



### FLAT DISTRIBUTION



The figures on the diagonal lines indicate the maximum illumination value in LUX in the beam



Performance based on calibrated 1000W 240V CP77 lamp CC8 filament. 300 HOUR 3200°K 26,500 LUMEN.

### HARD EDGE FOCUS

**NARROWEST SPREAD:** CUT-OFF angle 10°  
**PEAK ADJUSTMENT:** 1/2 peak angle 6°  
543,000 peak CANDELAS  
**FLAT ADJUSTMENT:** 1/2 peak angle 8°  
211,000 peak CANDELAS

**WIDEST SPREAD:** CUT-OFF angle 22°  
**PEAK ADJUSTMENT:** 1/2 peak angle 9°  
287,000 peak CANDELAS  
**FLAT ADJUSTMENT:** 1/2 peak angle 20°  
48,000 peak CANDELAS

Flat adjustment is defined as a 2:1 ratio within the beam.

## Specification

Lamphouse shall be constructed in aluminium alloy extrusions fitted to ensure maximum heat dissipation formed aluminium sheet and steel. The lampholder shall be mounted on a 'clip-in' lamp tray allowing inspection or change of lamp and cleaning with complete safety. Trimming screws shall be provided to give external control over lamp orientation. Beam 'peak/flat' control shall be by moving the chassis mounted reflector by means of an external heat insulated locking knob. Four individual tempered stainless steel beam shaping shutters shall be provided in a 'stand alone' gate assembly mounted between the lamphouse and lens tube to enable a sharp or soft edged cut-off as required. The gate shall accept drop-in iris or gobo holder. The heat resisting ring handles controlling shutter action shall be within the outer measurement of the lamphouse when fully closed so as to prevent damage in transit. A full width heat insulation handle shall be fitted to the rear of the lamphouse. The yoke shall be in 40mm x 5mm steel tapped for 12mm bolt. It shall be bolted to lamphouse via a heat insulated large diameter knob and friction locking disc forming part of the lamphouse. Yoke mounting system shall provide for alternative mounting on lamphouse or lens tube for balance adjustment when used with other lens tubes and for suspension clamp or stand. The external 1.5m length 3 conductor high temperature cable shall be secured by a compression gland and terminate at an internal porcelain connector. The lens tube shall be in rolled steel bolted to lamphouse gate assembly. Triple aluminium extrusion colour frame runners shall be mounted on the front of the lens tube to accommodate a lens guard and two standard colour filter frames or a remote control semaphore or wheel colour change unit. The entire front colour magazine shall be bolted to the lens tube front and is designed for field adjustment to provide top or side entry of colour frames. Lens control knobs shall be settable for top or bottom operation. The magazine shall have a spring safety retention clip. One folded book form zintec steel frame shall be supplied. There shall be two borosilicate lenses mounted independently in large aluminium castings moving in the tube each controlled and moveable by means of a palm grip heat insulated knob. The rear lens shall be 114mm x 165mm and the front lens shall be 254mm x 508mm. The front lens shall determine the beam angle while the

rear lens shall be used to focus the spot to a soft or hard edge. Control knobs shall screw tight to the lens tube to secure the selected focus. A graduated scale shall be located parallel with the lens slide slot enabling settings to be recorded. The luminaire finish shall be electrostatically applied high temperature black epoxy paint with high resistance to chipping and marking.

## Accessories

### Z0017 Iris/Blackout Assembly

The addition of this assembly between the shutter set and lens tube converts the luminaire into a followspot. The blackout is normally activated automatically by the thumb at the end of the iris travel. Both levers are heat insulated and mounted below the lens housing for easy cool operation.

### Z0016 Drop-in Iris

**Z0015** Spare book form colour frame for easy waste free filter cutting.

### Z0083 Hook Clamp

### Z0085 Safety Chain

**Z0021** Colorsette Automatic Control Change Unit  
Motorised remote control colour change unit for four colours.  
See separate Colour Change Brochure.

### Y0058 12mm Spigot

### Y7501 Gobo Holder

**CCT theatre lighting limited**

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