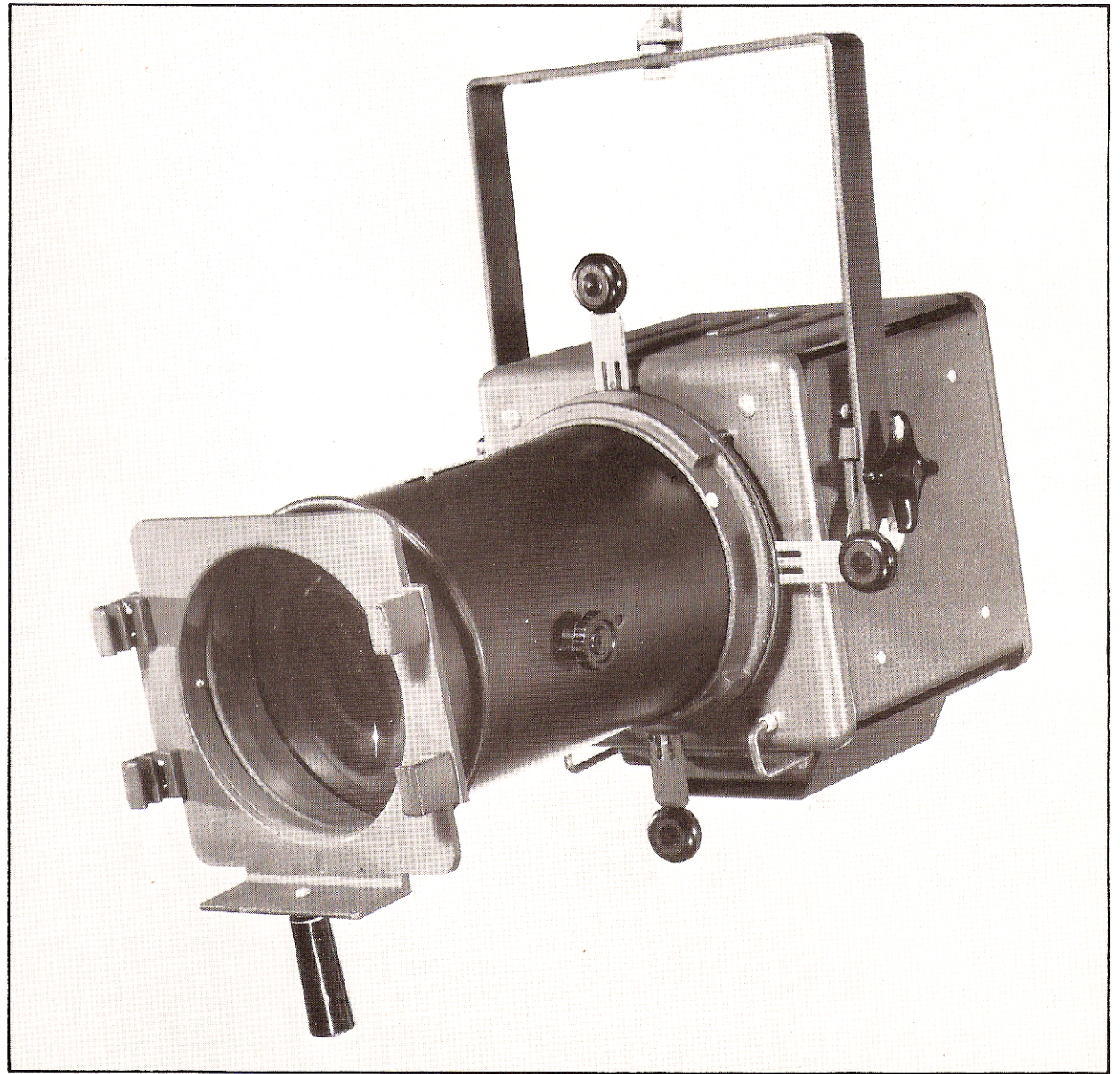


Application

This spotlight provides a hard clear cut edge to the light beam, the profile of which can be shaped by means of 4 externally operated shutters. Alternatively by the introduction of an iris diaphragm various circular shapes can be projected.

Features

Light weight robust construction, highly efficient reflector system to ensure maximum light output from the source, 4 individually operated shutters to give flexibility of beam shape together with precise control.



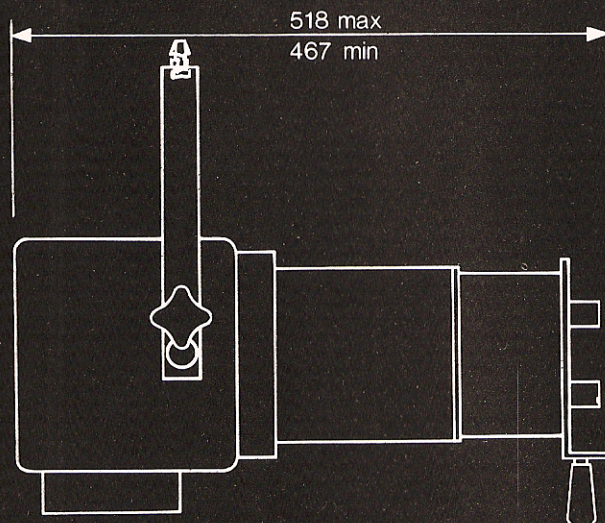
Specification

The luminaire body will be constructed from steel pressings and fitted with ventilation baffles to give adequate air flow thus ensuring maximum lamp life. Access to the interior will be via a removable lamp tray mounted in the bottom of the body. The lamp holder provided will be mounted on a movable base (to give final adjustment to the focus) and controlled by means of a sliding knob positioned underneath the body. Two 152mm lenses of the

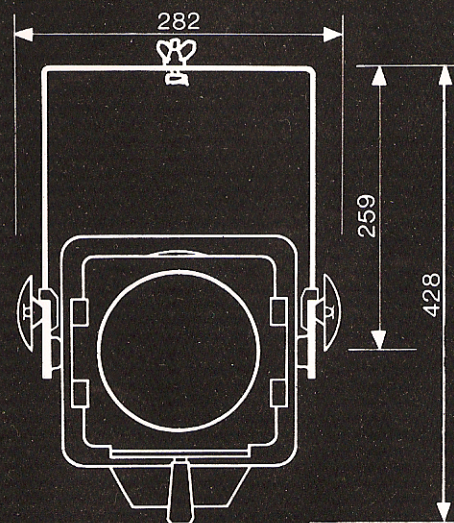
plano-convex type are provided in a sliding lens tube. Double colour frame runners are mounted in front of the lens tube. One colour frame 184mm x 184mm is included. Between the lamp house body and the lens tube will be fitted 4 stainless steel beam shaping shutters each fitted with external heat resistant knob and specially treated with an anti-friction coating to ensure ease of movement. Shutter assembly to be so arranged that individual shutters can be angled to form any shape. A trunnion arm

complete with locking knobs to allow pan and tilt is fitted. A standard one metre length of heat resisting 3 core cable will be fitted to lamp holder tray secured by an integral strain relief gland.

Note: Furse luminaires using standard tungsten lamp bulbs will be finished in a Persian Blue stove enamel paint. Luminaires using tungsten lamp bulbs will be finished in a special heat resisting high temperature stove enamel paint FURSE-EPIDAC Roundel Blue.



DIMENSIONS IN MM



WEIGHT 7 ³/₄ Kg

W. J. Furse & Co. Ltd., Theatre Division, Traffic Street, Nottingham NG2 1NF.

Telephone 0602 868213. Telex No. 377065.
A Crown House Company

Luminaire Photometric Data

Lamp type T9. Volts 240. Watts 1000

Distance Throw. Metres	Beam Angle. Degrees	Beam Spread. Metres	Field Angle. Degrees	Field Spread. Metres	Peak Intensity. Lux
5	20	1.76	—	—	2200
10	20	3.53	—	—	470
15	20	5.29	—	—	200

Definition of terms.

FIELD ANGLE.
The angular extent of the projected beam of a luminaire where level of illumination is not less than 10% of the peak intensity.

BEAM ANGLE.
The angular extent of the projected beam of a luminaire where the level of illumination is not less than 50% of the peak intensity.

DISTANCE THROW.
The distance between the pivot point of the luminaire and the surface on which the illumination is to be projected.

BEAM SPREAD.
Diameter of projected area of illumination for given beam angle and distance throw. (Calculated from beam angle and throw).

FIELD SPREAD.
Diameter of projected area of illumination for given field angle and distance throw. (Calculated from field angle and throw).

PEAK INTENSITY.
The measured peak intensity of illumination at specified distances. The results to be graphed and any irregular spikes to be disregarded.

Accessories

Iris diaphragm MPR.ID.
Additional colour frame CF.MPR.M.
Colour change wheel MPR. CW
Colour change unit semaphore type MPR.CCA.
Safety chain RCL 8

Barrel suspension clamp TF13.
Plug top 5 amp ET40
or Plug top 15 amp ET45.