

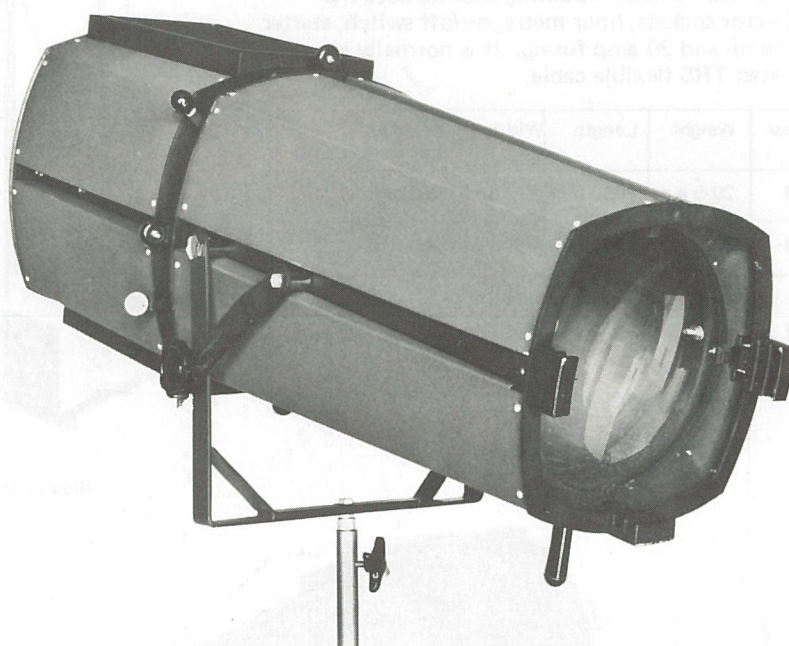
**LARGE PROFILE SPOTLIGHT  
LPR****PRODUCT INFORMATION****STAGE PROFILE SPOTLIGHT  
LPR**

Illustration of LPR/TH

**General Description**

Taking advantage of the recently introduced 2 Kw Tungsten Halogen compact light source, FURSE have designed a new Large Profile Spotlight to add to their projector range. This unit has been designed to meet the need for a high output profile projector in the field of Professional Theatre and Television Studio work. It is also ideal for profile work where definite emphasis is required over a stage area, and therefore, is suited to Club, Exhibition, Entertainment and Modelling work. The basic unit is designed to accommodate the 2 Kw Tungsten Halogen light source, but an alternative version is available to take the 1000 watt compact source iodide lamp and its associate control gear.

**Specification LRP/TH**

The Large Profile Spotlight LPR/TH comprises zinc coated steel panels formed around aluminium castings, with provision for adequate ventilation to the lamp housing. The unit is fitted with a pre-tilted P.40 lampholder and provision for precise adjustment. A small fan is incorporated on the lamp tray to ensure that proper cooling is maintained and that the full average lamp life of 400 hours is achieved. The optical system comprises a 228 mm faceted ellipsoidal polished and anodised aluminium reflector. A 254 mm x 508 mm plano-convex lens is fixed in a sliding cast aluminium frame and this moves independently on nylon guides to enable focusing adjustment by means of a handle underneath, locked when focusing is complete. In addition four square edged masking plates, an iris diaphragm and blackout shutter are incorporated. Double cast aluminium colour frame runners are fitted and these accommodate the 280 mm x 280 mm metal colour frame. The unit has a mild steel reinforced support bracket provided with locking arm and handwheel that allows a tilt angle of plus 5° — minus 45° to the horizontal. Exterior finish is in FURSE-EPIDAC Deep Blue, with matt black accessories. All interior surfaces are finished matt black and the beam shaping shutters are treated with a new lubricant material for smooth working.

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## General Description LPR/CSI

This version of the Large Profile Spotlight projector incorporates the high output compact source 1000 watt iodide lamp, thus providing a much higher output with appropriate increase in beam intensity particularly suited for long throw work. The photograph shows this unit together with its associate control gear necessary to operate the lamp.

## Specification LPR/CSI

This is generally as described for the LPR/TH, the only change is that this unit has a bi-pin G22 lampholder fitted to take the iodide lamp with a suitably modified lamp tray for HT and mains feed tails of approximately 1.5 metres, together with suitable connector plug. A separate starter/control unit is floor mounting and includes the necessary chokes, connector sockets, hour metre, on/off switch, starter switch, main indicator lamp and 20 amp fusing. It is normally supplied with 6 ms of suitably rated TRS flexible cable.

Cat. No.	Beam Angle	Throw	Weight	Length	Width	Ht. over Tilt Fork	Lamp
LPR/TH	10°	25 M	29.5 Kg	1050 mm	460 mm	550 mm	2000 W CP 53
LPR/CSI	10°	42 M	29.5 Kg	1050 mm	460 mm	550 mm	1000 W CSI

Control Gear for CSI Lamp: 443mm long x 194mm wide x 330mm high.



Illustration of LPR/CSI

## General Description LPR/CCM

It is important that the above Large Profile Spotlight has the capability of offering colour change, and this is provided by a manual colour change unit. The photograph clearly shows how the unit is fitted to the front of the spotlight for normal work.

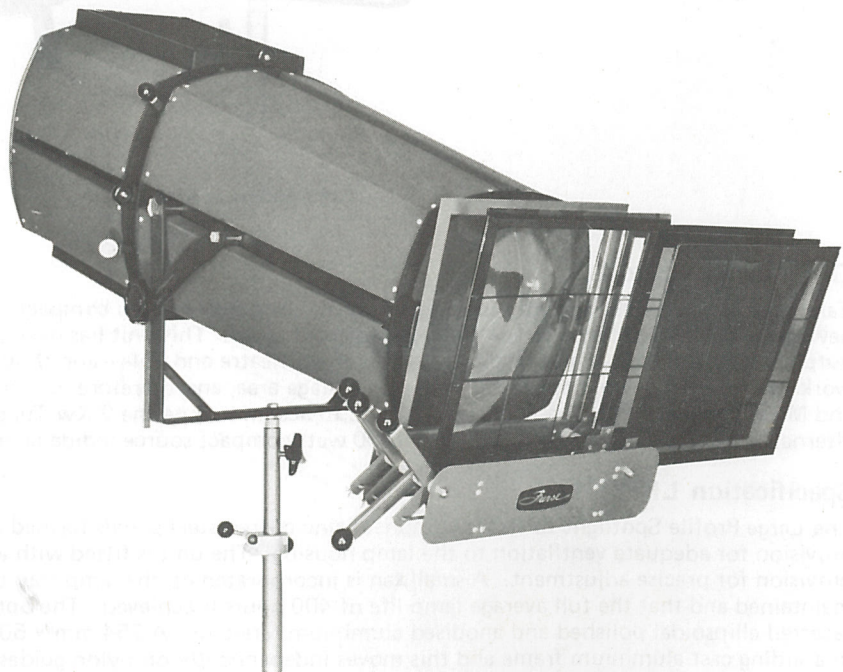


Illustration of LPR/TH fitted with LPR/CCM

## Specification LPR/CCM

The unit comprises a steel framework within which four colour filter plates are pivoted. Rigid linkage connecting the plates to operating levers are provided. These plates are separated and supported by nylon spacers to prevent any dis-alignment. 2 rubber sleeve shafts are positioned to limit the travel of the mechanism in both directions. Each plate is of envelope construction with supporting cross wires (no colour filters are fitted). The complete colour change unit is capable of mounting in the colour frame guides provided on the LPR spotlight. Finish of the unit is generally matt black, with the exception of the front plate finished FURSE-EPIDAC Deep Blue.

## Dimensions LPR/CCM

Overall Width 740mm (Max.) x 370mm High x 135mm projection in front of LPR spotlight.

## Accessories

RCL.8	Safety Chain	ET.52	15-amp Connector Plug
TF.13	Barrel Clamp	ET.46	15-amp Connector Socket