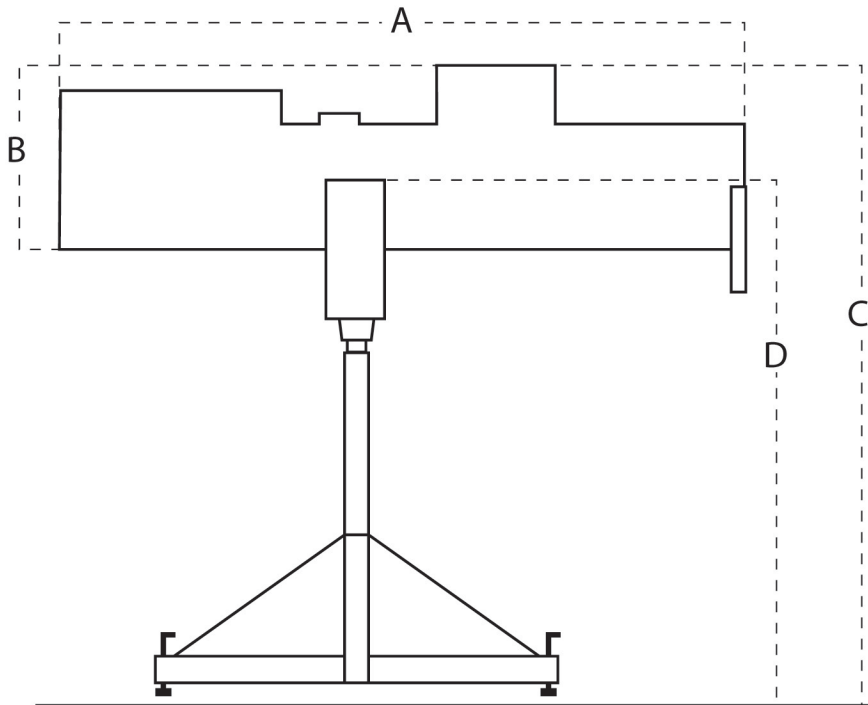


1294 SuperArc 4K MODEL 1294

ARCHITECTS' & ENGINEERS' SPECIFICATIONS

The luminaire shall be a 2500-4000 watt follow spotlight designed to accept only a 2500-3000, 4000 watt Xenon lamp. The field diameter of the beam shall be continuously variable from the narrowest head spot to the widest flood by a means of a nichrome steel iris/zoom lens system which shall be operable by an external wheel known as the spot size controller. Light output shall be intensified as the spot size is decreased. The iris is used only to shape the beam and not used to block light to achieve smaller diameters. The unit shall incorporate an externally operable, continuously variable field adjustment. The optical train shall use only optical quality glass lenses; plastic lenses shall not be acceptable. Relamping shall be accomplished by releasing tamper proof fasteners and lifting the lamphouse top, ample room is provided within the lamphouse for easy servicing. The luminaire shall be powder coated with a black and grey finish. The entire fixture shall be cooled via four high volume fans to maintain proper operating temperatures. The spotlight shall be constructed of aluminum extrusions and cold rolled steel. (Stainless steel can be substituted on special order.) The luminaire shall incorporate an automatic, self-cancelling six-color boomerang which shall be quickly and fully removable. A smooth operating douser and chopping shutter operation shall be provided. The spotlight shall achieve **53,820 Lux at 30.48 meters and 1,507 Lux at 304.8 meters**. The yoke base assembly will allow for a maximum tilt of 54 degrees below the horizontal and 40 degrees above the horizontal. The base shall be of the four-legged type and includes leveling jacks. The power supply shall be a separate cabinet and be connected to the spotlight head via an AMP connector for the control circuits and CamLoc type connectors for the DC lamp current. Head dimensions shall not exceed 90⁷/₈"L x 31"H x 19¹/₈"W with a head weight of 299 lbs. Control draw shall be 25A per phase nominal when fitted with 4Kw lamp. The luminaire shall be a Lycian Stage Lighting SuperArc 4K Model 1294.

DIMENSIONS



A. Head length 90⁷/₈"

*B. Head height - 31"

*C. Overall height with base 73¹/₂"

*D. Height of pivot - 55"

*Additional upward height adjustment of 6"

- Width of base- 33"
- Maximum width of head - including all controls 20¹/₂"
- Head weight - 299 lbs.
- Base weight - 88 lbs.
- Ballast weight - 225 lbs.

All specifications subject to change. © 1998 Lycian Stage Lighting