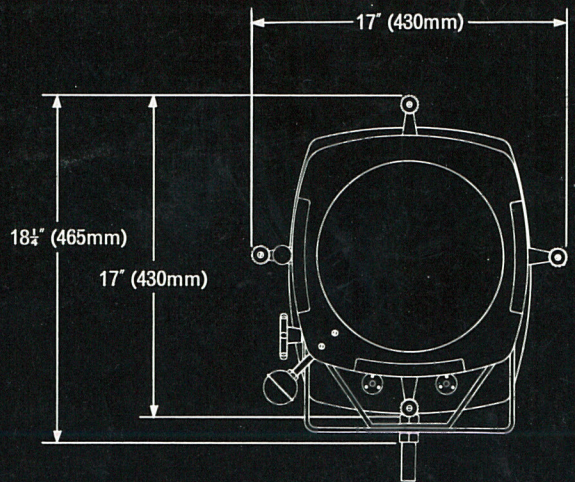


SCALE 1:10



WEIGHT
 Patt 293 60lb. (27.2 kilos)

LAMPS & PERFORMANCE DATA

| | THROW DISTANCE | | BEAM SPREAD | | ILLUMINATION | | | | | |
|--|----------------|--------|-------------|--------|--|------|------------------------------|------|---|-----|
| | | | | | 2000W 240V Class A1/218 or Philips 7400C | | 1500W 110V Philips 13006C | | 1000W 240V Class A1/188 or Philips 297C | |
| | feet | metres | feet | metres | f.c. | lux | f.c. | lux | f.c. | lux |
| Pattern 293 or Pattern 294 BEAM ANGLE 15° In which intensity varies 2:1 | 40 | | 10.5 | | 147 | | 142 | | 63 | |
| | | 15 | | 4 | | 1045 | | 1010 | | 490 |
| | 50 | | 13 | | 94 | | 91 | | 40 | |
| | | 18 | | 4.75 | | 725 | | 700 | | 340 |
| | 60 | | 15.5 | | 65 | | 63 | | 28 | |
| | | 20 | | 5.25 | | 590 | | 565 | | 250 |
| | 23 | | 6 | | 445 | | 430 | | 190 | |
| | 80 | | 21 | | 37 | | 35 | | 11 | |

Alternative lamp 2000 W 220v only—Radium H165Q tungsten-halogen (not stocked in U.K.)

SPECIFICATION

Patt 293

The spotlight shall be constructed of zinc coated steel pressings with baffled ventilation slots and aluminium alloy die-castings. It shall contain a prefocus lampholder, a faceted ellipsoidal reflector, horizontal gate runners, four externally operated beam-shaping shutters, an iris diaphragm with blackout disc and an adjustable lens.

The large prefocus (P.40) porcelain lampholder for a 1000 1500 or 2000 watt tubular projection lamp, shall be pre-tilted 15° from the vertical and shall be wired with heat-resisting cable to an internal terminal block. A strain-relief gland shall be provided for external cable.

The 9-in. (230mm) diameter faceted ellipsoidal reflector shall be of polished anodised aluminium. Interior access shall be provided by a removable top normally secured by two captive thumb fasteners.

The four beam-shaping shutters shall be of stainless steel and provided with external heat-resisting knobs. The iris diaphragm assembly shall consist of an 18-leaf iris and a blackout disc to obscure the smallest aperture. These shall be operated by separate but adjacent heat-resisting knobs at the right hand side.

The 10×20-in. (250×510mm) plano-convex lens shall be mounted in an internal lens tube with a fixed diaphragm.

This lens tube shall slide helically in four slots in the fixed outer tube and be provided with two heat-resisting knobs. Double die-cast colour frame runners shall be fitted and one 11 3/4×11 3/4-in. (300×300mm) metal colour frame supplied. The exterior shall be smooth finished with epoxy resin hard hammer grey and the interior flat black. A cadmium plated rear handle and a spherical front handle shall be provided. The spotlight shall be mounted over a cadmium plated mild steel fork shaped to pivot at the point of balance without obstructing the shutter and iris controls. The tilt clamp shall consist of a slotted locking bar and handwheel permitting 30° tilt below horizontal. The fork shall be provided with a 3/4-in. (19mm) external diameter spigot for insertion in stand. The fork shall be symmetrical to allow the reversal necessary for suspension.

Patt 294

as Patt 293 but with an additional set of four soft edge shutters and arranged for suspension.

ACCESSORIES

- Ref. 628. – Braced telescopic stand
- Ref. 636. – Hand-operated magazine for four colours.
- Ref. 593. – 1 1/8-in. diameter hollow TV spigot.