



SCALE 1:10

WEIGHT (4.5 kilos)
 Patt 253 541

LAMPS & PERFORMANCE DATA

	THROW DISTANCE		BEAM SPREAD		ILLUMINATION			
	feet	metres	feet	metres	2000W 240V Class A1/218 or Philips 7400C		1500W 110V Philips 13006C	
					f.c.	lux	f.c.	lux
Pattern 253 BEAM ANGLE 24° in which intensity varies 2:1	30	10	13	4.25	105	945	100	900
	40	15	17	6.5	59	420	56	400
	50	18	21.5	8	38	290	36	280
	60		26		26		25	

Alternative lamp 2000w 220v only—Radium H165Q tungsten-halogen (not stocked in UK)

SPECIFICATION

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 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 18-leaf

iris diaphragm shall be operated by a heat-resisting knob at the right-hand side.

The 8×13-in. (200×330mm) 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 1/4×11 1/4-in. (300×300mm) metal colour frame supplied. The exterior shall be smooth finished with epoxy resin hard hammer grey and the interior flat black.

The spotlight shall be mounted in a reversible cadmium plated mild steel fork with a slotted locking bar and hand-wheel for tilt clamp and 1/2-in. bolt and wing nut for suspension.

ACCESSORIES

Ref. 636. – Hand-operated magazine for four colours.

Ref. 593. – 1 1/4-in. diameter hollow TV spigot.