



SCALE 1:10

WEIGHT

Patt 265 HALOSPOT (Mark II) 28 1/2 lbs. (13 kilos)

PERFORMANCE DATA

	THROW DISTANCE		NARROW ANGLE 10-5°						WIDE ANGLE 18-5° MAX.					
			BEAM SPREAD		ILLUMINATION				BEAM SPREAD		ILLUMINATION			
			feet	metres	feet	metres	f.c.	lux	f.c.	lux	feet	metres	f.c.	lux
HALOSPOT	40	15	7	2.75	190	1355	255	1815	13	5	155	1100	197	1400
	60	20	11	3.75	84	760	133	1020	19	6.5	69	620	88	790
	80	25	15	4.75	48	485	64	655	26	8	39	395	49	505
	100		18		30		41		32		25		32	

Pattern 265 Mk.II

SPECIFICATION

The spotlight shall be constructed of zinc coated steel pressings with baffled ventilation slots and aluminium alloy die-castings. It shall contain a special lampholder, a faceted ellipsoidal reflector, gate runners, a pair of strip and blackout shutters, an iris diaphragm and two adjustable lenses.

The special lampholder, for a 400/600 watt mercury-iodide discharge lamp, shall be wired to an internal terminal block which shall be fitted with a 40-in. (1m) external length of EHT insulated and sheathed cable, containing an earth/ground shield and conductor, and terminated in an integrally-moulded shrouded plug. A strain-relief gland and a lamp indicating earth/ground continuity shall be fitted. Access to all internal connections shall be sealed at the time of manufacture. Access for lamping and to the 6 1/4-in. (160mm) diameter faceted ellipsoidal reflector of polished anodised aluminium shall be by hinging down the lamphouse normally secured by a chrome toggle fastener.

The die-cast gate assembly shall include horizontal gate runners and a pair of strip shutters linked to operate equidistantly by a single knob at the right hand side. These shutters shall overlap at the closed position to form a blackout shutter. The strip shutter assembly shall be rotatable 15° either side of the horizontal to allow correction to be made for off-centre projection positions. The built-in 24 leaf 4 1/2-in. (115mm) maximum aperture iris diaphragm shall be operated by a spherical knob at the right hand side.

The variable spread lens arrangement shall permit the maximum iris diaphragm aperture to be used for any beam spread between 10.5° and 18.5°. The 8 x 16-in. (200 x 405mm) plano-convex front lens and the rear 3 1/2 x 5-in. (90 x 125mm) plano-convex rear lens shall be mounted in separate internal lens tubes both sliding helically, but independently, within the fixed outer tube. Both lens tube shall be provided with a heat-resisting locking knob, that for the front lens being a large spherical knob on an extension pillar to provide a front handle at the right hand side. A similar fixed rear handle shall be fitted below the lamphouse.

Double die-cast colour frame runners shall be provided and one 8 1/2 x 8 1/2-in. (215 x 215mm) metal colour frame supplied.

The exterior shall be smooth finished with epoxy resin hard hammer grey and the interior matt black.

The spotlight shall be mounted over a cadmium plated mild steel fork with a lever type compression tilt clamp at the right hand side and fitted with a 3/4-in. (19mm) external diameter spigot for insertion in stand.

An alternative forward tilt pivot point shall be provided to allow balance to be maintained if a colour change magazine is added.

STARTER UNIT

The starter unit, to provide the necessary starting pulse and subsequent regulation, shall consist of an auto-transformer and current-limiting choke combined with a sealed Extra High Voltage impulse circuit actuated by a push button. A switch shall be fitted to allow choice of 400-watt or 600-watt regulation. A 5-ft. (1.5m) length of 3-conductor input cable and a 15-in. (380mm) length of EHT insulated and sheathed output cable terminating in an integrally-moulded socket shall be fitted and secured by strain relief glands. Clips shall be provided to mount the starter unit vertically to the central member of a Ref. 628 Braced Stand.

Ref. 690 Starter Unit for 200/250V A.C. input. Weight 38lbs (17.3 kilos) 18 x 4 1/2 x 5-in. deep (460mm x 115 x 125 mm deep)

Ref. 703 Starter Unit for 110/120V A.C. input. Weight 40lbs (18.5 kilos) 20 x 4 1/2 x 5-in. deep (510 x 115 x 125mm deep)

LAMP

400-600-watt Mercury Iodide discharge lamp.

ACCESSORIES

Ref. 628 Braced telescopic stand, 42-74-in.

Ref. 701 Hand-operated magazine for four colours.

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