



PROFILE SPOTS

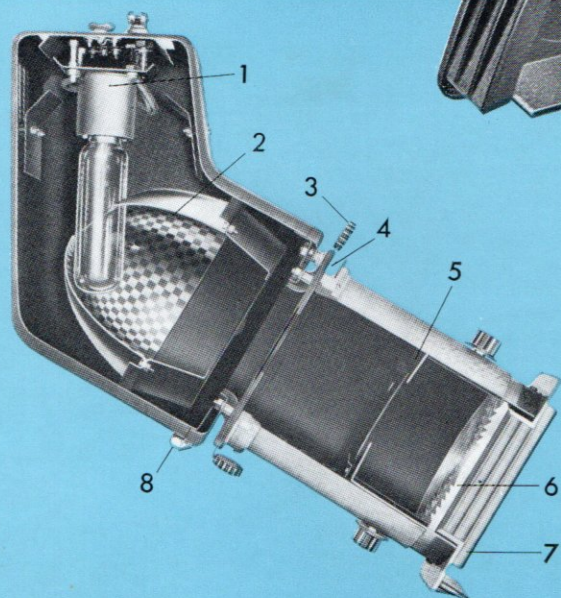


Patt 263, Patt 263W, 750/1000 Watt

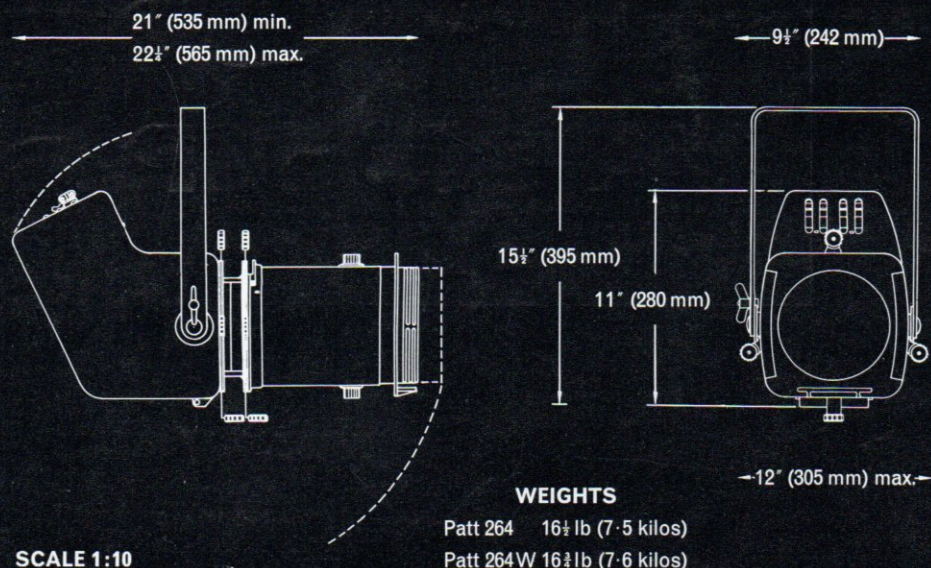
This spotlight projects an image of the gate aperture which can be shaped to any profile by adjustment of the four built-in but externally operated masking shutters, or by a cut-out mask in the gate runners. An optional beam-shaping accessory is an iris diaphragm. Alternatively purpose-made masks can be used for pattern projection.

Two lens combinations are available so that the most efficient use can be made of the light collected at the gate by an ellipsoidal reflector which is now faceted to provide even beam distribution. The Patt 263 provides a diffused edge to the beam and the Patt 263W clear cut edges.

These spotlights are recommended for applications where the beam must be contained within a specific area. This includes lighting from over the auditorium for both enclosed and open stages.



1. Pretilted medium pefocus lampholder
2. 6½-in. diameter faceted ellipsoidal reflector
3. Set of four built-in beam-shaping shutters
4. Gate runners for optional addition of an iris or purpose-made mask
5. Fixed diaphragm to intercept stray light; also mount for additional 3½×9-in. lens for Patt 263W
6. 6×8-in. colourvred Fresnel lens in sliding, but captive tube. A 6×9-in. plano convex lens is substituted for Patt 263W
7. Double colour frame runners
8. Hinged gate and lens tube assembly for interior access



LAMPS & PERFORMANCE DATA

	THROW DISTANCE		BEAM SPREAD		ILLUMINATION					
					1000W 120V Q1000T12/4CL or 1M/T12/2		1000W 240V* Class T/4 or Philips 6291C		750W 120V 750T12/CL or 750T12/9	
	feet	metres	feet	metres	f.c.	lux	f.c.	lux	f.c.	lux
Pattern 264	30	10	9	3	83	750	73	650	56	500
BEAM ANGLE 17° in which intensity varies 2:1	40	15	12	4.5	47	335	39	280	31	220
	50		15		30		25		20	
Pattern 264W	20	7	9	3	75	610	67	550	63	510
BEAM ANGLE 26° in which intensity varies 2:1	25	9	12	4	48	375	43	330	40	310
	30		14		33		30		28	

*1000W 240V tungsten halogen lamp available Autumn 1967.

SPECIFICATION

The spotlight shall be constructed of zinc coated steel pressings with baffled ventilation slots and aluminium die-castings and shall contain a prefocus lampholder, an ellipsoidal reflector, four individually operated soft-edge shutters, four individually operated hard-edge shutters and an adjustable lens.

The medium prefocus (P.28) porcelain lampholder for a 750 or 1000 watt base up burning tubular projection lamp shall be pre-tilted 30° from the vertical and shall be mounted on a removable assembly, normally secured by two captive thumb fasteners, and fitted with 30-in. (0.75m) heat-resisting 3-core flexible cable provided with a strain relief gland.

The 6 1/2-in. (160mm) diameter faceted ellipsoidal reflector shall be of polished anodised aluminium. Both sets of four shutters shall be of stainless steel and provided with external heat-resisting operating knobs. Gate runners shall be provided for the optional addition of an iris diaphragm.

The lens shall be recessed within a double skin tube with a fixed diaphragm and shall slide in two slots each with a heat-resisting knob. Double die-cast aluminium colour frame runners shall be provided and one 6 1/2 x 6 1/2-in. (165 x 165mm) metal colour frame supplied.

The lens fitted shall be as follows:

Patt 264 - one 6x8-in. (150x200mm) plano convex.

Patt 264W - one 6x8-in. (150x200mm) plano convex and one 3 1/2 x 9-in. (90x230mm) heat-resisting plano convex lens fitted to the fixed diaphragm.

The exterior shall be smooth finished with epoxy resin hard hammer grey and the interior, excepting reflector and gate shutters, flat black.

The spotlight shall be mounted in a reversible cadmium plated mild steel fork with friction disc tilt clamp and 3/8-in. bolt and wing nut for suspension.

VARIATIONS available at time of manufacture

6-ft (1.8m) heat-resisting flexible cable.

Tilt and swivel scale indication.

ACCESSORIES

Ref. 625. 12-leaf iris diaphragm.

Ref. 644. 3 1/2 x 9-in. HRPC lens to convert Patt 264 to 264W.