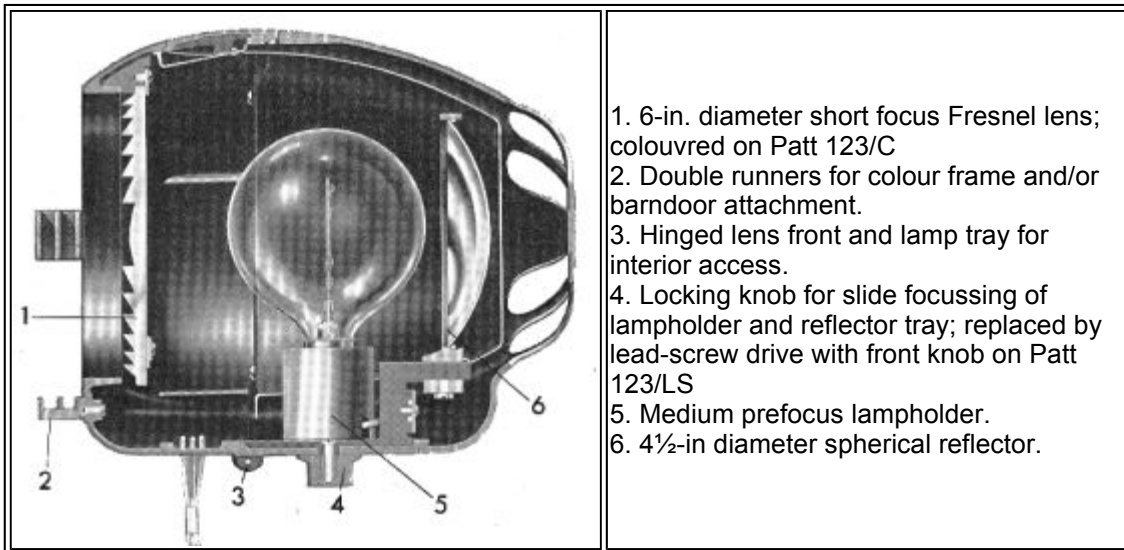


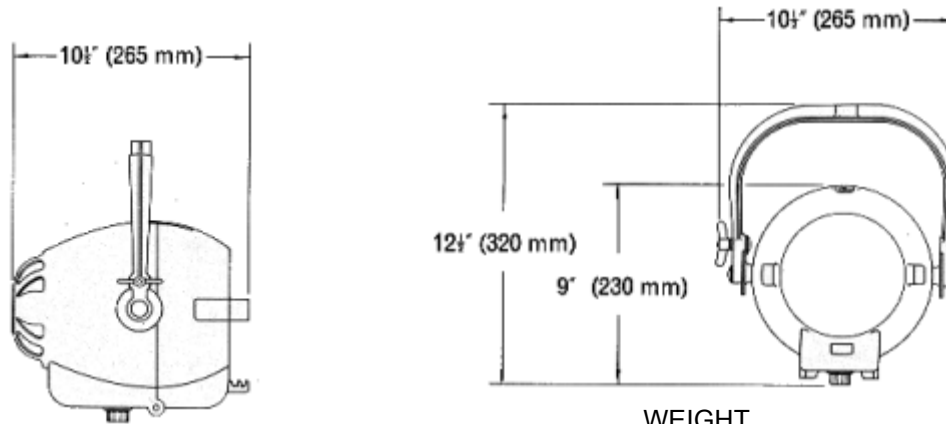
FRESNEL SPOTS

Patt 123, Patt 123W, 250/500 Watt

This compact spotlight provides a circular soft-edged beam completely free of filament striation. The beam spread is variable between wide limits by a simple slide focus; alternatively lead-screw focussing is available. The light is collected by a recessed 6-in. diameter short focus Fresnel lens supplemented by a spherical reflector. The beam spread can be contained by a four-sided rotatable barndoor attachment which can be added to the front colour frame runners. This spotlight is recommended for highlighting on small stages, for photographic studios and for display and exhibition work. For close range applications the wide angle model, Patt 123W, is available. The clean and simple lines make this spotlight acceptable where concealment is impossible.



1. 6-in. diameter short focus Fresnel lens; colouved on Patt 123/C
2. Double runners for colour frame and/or barndoor attachment.
3. Hinged lens front and lamp tray for interior access.
4. Locking knob for slide focussing of lampholder and reflector tray; replaced by lead-screw drive with front knob on Patt 123/LS
5. Medium prefocus lampholder.
6. 4½-in diameter spherical reflector.



WEIGHT
Patt 123 53/4 lb (2.6 kilos)

LAMPS & PERFORMANCE DATA	THROW DISTANCE		BEAM SPREAD		ILLUMINATION					
	feet	metres	feet	metres	500W 120V 500T20/48 or Philips 559C		500W 240V Class T/1 or Philips 559C		250W 120V 250T20/47 or Philips 558C	
					f.c.	lux	f.c.	lux	f.c.	lux
Pattern 123 SPOT FOCUS	20	7	3	1	141	1150	105	855	59	485
BEAM ANGLE 10° <small>In which intensity varies 2:1</small>										
FIELD ANGLE 16° <small>In which intensity varies 10:1</small>	25		4		90		67		38	
Pattern 123 FLOOD FOCUS	15	5	9	3	46	410	35	310	20	175
BEAM ANGLE 33° <small>In which intensity varies 2:1</small>										
FIELD ANGLE 43° <small>In which intensity varies 10:1</small>	20		12		25		20		11	
Pattern 123W SPOT FOCUS	15	5	4	1.5	77	695	75	675	26	240
BEAM ANGLE 16° <small>In which intensity varies 2:1</small>										
FIELD ANGLE 26° <small>In which intensity varies 10:1</small>	20		6		44		42		15	
Pattern 123W FLOOD FOCUS	10	4	8	3	62	385	54	340	25	155
BEAM ANGLE 42° <small>In which intensity varies 2:1</small>										
FIELD ANGLE 51° <small>In which intensity varies 10:1</small>	15		12		27		24		11	

SPECIFICATION

The spotlight to be constructed of aluminium alloy pressure diecastings with a spun aluminium inner lining and shall contain a prefocus lampholder and a spherical reflector both adjustable relative to a Fresnel lens.

The medium prefocus (P.28) porcelain lampholder for a 250 or 500-watt projection lamp shall be mounted on a die-cast tray together with a 4 1/2-in (115mm) diameter spherical reflector of polished anodised aluminium. A strain relief gland shall secure 30-in. (0.75m) external length of 3-conductor heat-resisting sheathed cable with

(For coloured lens add suffix -/C). Double die-cast colour frame runners shall be provided and one 6 1/2 x 6 1/2-in. (165 x 165mm) metal colour frame supplied.

The spotlight shall be mounted in a reversible malleable diecast fork with friction disc tilt clamp and 3/8ths-in. bolt and wing nut for suspension. The exterior and fork shall be smooth finished with epoxy resin hard hammer grey and the interior, including lens recess, flat black.

VARIATIONS Available at time of manufacture.

earth/ground conductor.

The lamp tray shall be adjustable through 1¼-in. (30mm) by means of a slide focus with a heat-resisting locking knob at the bottom or by means of a lead-screw drive with a heat-resisting knob at the front (add suffix -/LS).

The standard *Patt 123* or wide angle *Patt 123W* 6.in. (150mm) diameter short focus Fresnel lens shall be recessed within its mount and this front, together with the lamp tray assembly, shall hinge downwards to provide access but shall normally be secured by a recessed self-locking catch at the top.

6ft (1.8m) heat-resisting flexible cable.
Tilt and swivel scale indication.

ACCESSORIES

Ref.132 Four-door rotatable barndoor attachment for *Patt 123* only.

Ref.131 Superior barndoor attachment for *Patt 123W* or *123*.

Ref.592 1 & 1 eighth inch diameter hollow TV Spigot.

Strand Electric - Revised August 1968