

Patt.743/223

(743 is Tungsten Halogen version)



Patt 223



(above - Patt 743 - later model, below early model)



DATES: **Pattern.223** was introduced in the Summer of 1963. The 223 filled the gap between the Patt.123 and the larger Patt.243.

From Tabs 21/1, April 1963: "The Patt.223 is of great interest because it has such a wide beam angle (60°) in the fully open position. At a time when it begins to be logical to use Fresnel spots instead of floods for cyclorama and background lighting this lantern should prove to be very suitable for this task."

Pattern.743 was introduced in 1971, when the tungsten-halogen lamp was first manufactured (to Rank Strand's specification). Discontinued in 1983.

Beam Spread : Tenth peak angle: 15° spot to 80° flood, soft-edged.

$\frac{1}{2}$ peak angle: 8° spot to 60° flood, soft-edged.

Lamphouse: Steel pressings with diagonally-hinged, die-cast lens front.

Fork: Mild steel, reversible, with friction-disc tilt clamp and three-eighths inch Whitworth bolt and wingnut for suspension and swivel clamp.

Lens: 200mm diameter short focus Fresnel, recessed mounted.

Lampholder :

GX9.5 for Patt. 743

P.28 medium prefocus for Patt. 223

fitted with 1m external length of 3-conductor, sheathed heat resisting cable.

Reflector : 150mm diameter spherical, polished anodised aluminium.

Adjustment : Lead-screw focus from front and rear.

Colour Frame : Double die-cast runners fitted, one 215mm square metal frame for Cinemoid supplied.

Lamps :

Patt. 743 : 1000W max, GX 9.5 base. 55 l.c.l. Class T/9 recommended for stage use.

Patt. 223 : 1000W max. P28 base. 55.5mm l.c.l. Class T/6 recommended for stage use.

Accessories :



Four door rotatable barndoor, 23 633 00
 Additional metal colour frame, 27 632 00
 320mm length, 345mm max width. 6.8kg

Lamp change: Undo screw at the top right of the lens - the lens 'door' will open allowing easy access to the lamp, and to the rear of the lens for cleaning.

Lamp type: T/11 1000W

Colour frame: 215mm square

Quantity manufactured: Not known.

Original Prices:

HIRE

- **Jan 1969** (Strand Electric):
 Patt.223 42/- (Barndoor 4/-)
- **Nov 1974** (AJS Theatre Lights):
 Patt. 223 £2.50 per week, Patt. 743
 £2.75 per week

SALES

- **January 1969** (Strand Electric):
 Patt 223 £17 18s
- **January 1978** (Strand Electric):
 Patt 743 £60.00 (Barndoor £16)
- **February 1980** (Strand): Patt. 743:
 £74 (Barndoor £20)

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Anecdotes:

- A lensless 1000W Patt.743 was used in the London production of *Lord of the Rings* as a backlight (to cast shadows) on the Last Battle sequence. (2006-2008)

Many of these classic lanterns are still in use. To bring them up to date in terms of health and safety, the wiring should be completely replaced, a safety bond should be used between the barndoor and the main lantern, and ideally a microswitch should be used to isolate the power when the front lens is opened. Because of the easy access to live terminals when the lens is opened, this lantern

should not be used in schools unless it's been
modified to isolate power.
