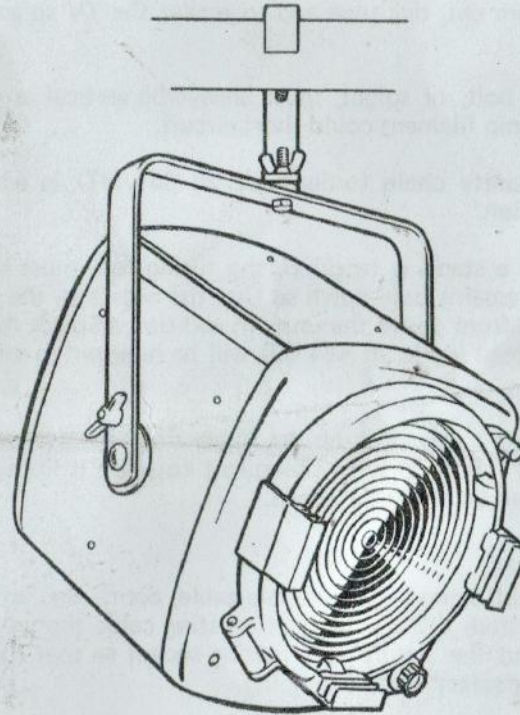




INSTRUCTION LEAFLET



FRESNEL SPOTS

PATT 743 1000w

TUNGSTEN HALOGEN (Order Code 21 00 002)

PATT 223 1000w

(Order Code 20 11 008)

These two luminaires are identical except that the Patt. 743 has a GX9.5 lampholder and the Patt. 223 has a P.28s (medium prefocus) lampholder

1. MOUNTING

This spotlight is supplied with a $\frac{3}{8}$ -in. Whit. bolt, washer and wingnut for suspension by a Hook Clamp (order code 26 483 07). The washer should be placed between the wingnut and Hook Clamp. Alternatively the bolt can be discarded and a $1\frac{1}{8}$ -in. dia TV spigot with a $\frac{3}{8}$ -in. Whit. stem (order code 26 592 03) can be substituted. The stem of this TV spigot should be screwed into the tapped hole in the fork and firmly locked by the nut provided. A TV Hook Clamp (order code 26 594 04) to fix to a horizontal 48 mm ext. dia. pipe and to accept the TV spigot is then required.

The suspension bolt, or spigot, must always be vertical as otherwise the strands of the lamp filament could short-circuit.

Always use a safety chain (order code 26 064 OT) in addition to the primary suspension.

If mounting on a stand is required, the tilting fork must be reversed so that the lamp remains base down so that the access to the colour frame runners remains from above the unit. In addition a Spigot Adaptor with a $\frac{3}{8}$ -in. Whit. thread (code 26 484 02) will be required to screw over what was the suspension bolt.

Prior to mounting always tighten the suspension bolt and/or spigot to the fork with a spanner to ensure subsequent rotation is limited to the one point where it can be finger-tightened.

2. CONNECTION

A short length of 3-conductor flexible cable, containing an earth/ground conductor, is fitted; this special heat resisting cable should be connected to a plugtop and the supply to a mating socket so that the unit can be disconnected for safety when relamping.

3. LAMPS

Patt. 743 only

GX9.5 base down. 55mm light centre length

1000-watt 240v Halogen Class T/11 (order code 34 206 14)

Patt. 223 only

P.28s (medium prefocus) base down. 55.5 mm light centre length

1000-watt 240v Class T/6 (order code 34 115 11)

Before lamping, or re-lamping, always separate the local connectors in the flexible cable to personally ensure that the supply is disconnected.

The colour frame and/or barndoor attachment must be removed from the front runners before releasing the catch at the top of the lens front which will then hinge diagonally downwards to provide access to the lampholder.

Do not directly handle the envelope of a tungsten halogen lamp as finger prints may cause de-vitrification of the quartz and cause premature lamp failure. Use the protective cover supplied by the lamp manufacturer and insert the pins into the socket and press firmly home. Remove the lamp protective cover and secure the lens front. Only then should the local connectors be joined together.

Quartz envelope tungsten halogen lamps remain hot for a considerable period after switching off, or failure, and are dangerous to handle in this condition. Allow to cool for at least five minutes before removing, using a dry cloth.

4. ADJUSTMENT

Ensure that the suspension bolt is vertical, then light up and direct the unit to the area to be lit. Adjust the leadscrew focussing knob, at the front or at the back, to provide the beam spread required – the lamp and reflector towards the lens for greater spread, away from the lens for higher intensity over a smaller area.

If necessary the soft edges of the beam can be contained and roughly shaped by the addition of a four-door rotatable Barndoor Attachment (code 23 633 00) which slides into the front colour frame runners. This Barndoor incorporates a safety catch which engages under the right-hand side runners. To remove the barndoor it is necessary to release the sprung lever.

5. COLOUR FRAME

One 215mm ($8\frac{1}{2}$ -in.) square metal colour frame for 'Cinemoid' is supplied.

6. MAINTENANCE

The lens, when cold, should be cleaned with a damp cloth, especially the concentric risers on the front of the lens. The reflector should be polished with a dry, soft cloth prior to re-lamping.

7. SPARES

Additional 215 mm ($8\frac{1}{2}$ -in.) square colour frame	27 632 00
200 mm (8-in.) diameter Fresnel lens	27 634 01
GX9.5 2-pin lampholder (Patt. 743 only)	27 734 06
P.28s (medium prefocus) lampholder (Patt. 223 only)	27 493 00



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