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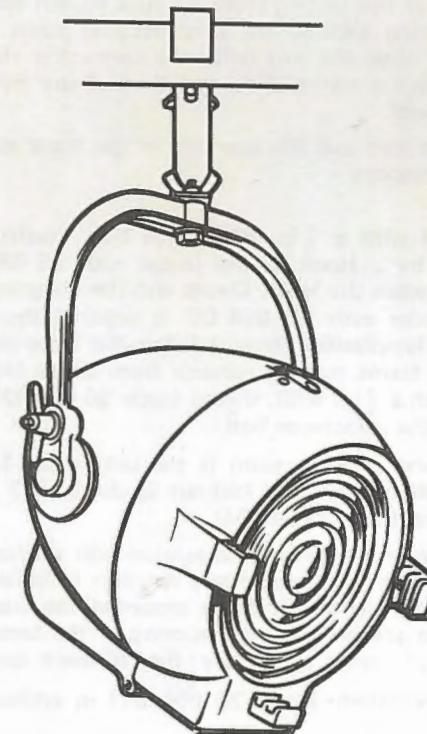
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## INSTRUCTION LEAFLET



# PATT.123

500W

# FRESNEL SPOT

(Order code: 20 06 00T)

## 1. BEAM SPREAD

$\frac{1}{10}$  peak angle: 26° spot to 51° flood, soft-edged.

$\frac{1}{2}$  peak angle: 16° spot to 42° flood.

## 2. PACKING & ASSEMBLY

To ensure that the Fresnel lens is not damaged by rough handling during transit, the lens is not fitted but is packed on a piece of resilient foam in the colour frame runners. To fit the lens, first discard the foam and place the lens on one side; then press the recessed thumb catch at the top of the spotlight and hinge open the front casting.

Inside the curvature of this casting there are four equally-spaced shaped bosses each with a flat spring secured by a self-tapping screw. Remove any two adjacent spring clips, slide the lens (with the concentric risers to the outside) under the two remaining spring clips and then secure by replacing the two clips previously removed.

The gap between the lens and the aperture in the front casting is intentional and essential for ventilation.

## 3. MOUNTING

This unit is supplied with a  $\frac{3}{8}$  in. Whitworth bolt, washer and wingnut for compact suspension by a Hook Clamp (order code 26 483 07). The washer should be placed between the Hook Clamp and the wingnut. If mounting on a Telescopic Stand (order code 26 626 09) is required then the fork must be reversed so that the lampholder remains below the lamp envelope and so that 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.

An alternative method of suspension is the use of an  $1\frac{1}{8}$  in. diameter TV Spigot with a  $\frac{3}{8}$  in. Whit. stem and locknut (code 26 592 03) in conjunction with a TV Hook Clamp (code 26 594 04).

Prior to mounting always tighten the suspension bolt and/or spigot to the fork with a spanner to ensure that subsequent rotation is limited to the one point where it can be finger-tightened. When mounted the suspension bolt must always be vertical to prevent edge-on burning of the lamp filament and the consequent danger of lamp failure by the filament coils short-circuiting.

Always use a Safety Chain (code 26 064 0T) in addition to the primary suspension.

## 4. CONNECTION

The short length of high temperature 3-conductor flexible cable should be connected to a plugtop and the supply to a mating socket so that the unit can be disconnected for safety when re-lamping.

## 5. LAMPS

Medium Prefocus (P. 28) base down. 55.5mm ( $2\frac{3}{16}$  in.) light centre length.

500-watt 240v Class T/1 (order code 34 111 1T)

500-watt Philips 559C, or equivalent

500-watt 240v Class T/7 (order code 34 112 15)

500-watt 120v N. American code 500T20/48, or BTL

Disconnect from supply before lamping, or re-lamping.

Insert lamp into holder with wide fin on base coinciding with wide slot on lampholder; press lamp down against centre spring contact and rotate clockwise through 90°. Remember to reconnect after lamphouse has been closed.

## 6. ADJUSTMENT

Ensure the suspension bolt is vertical, then light up and direct the unit to the area to be lit. Adjust the slide-focusing knob underneath the unit to provide the beam spread required — 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 23 132 02) which slides into the front colour frame runners. Clip the safety wire of the barndoor attachment around the fork.

## 7. COLOUR FRAME

One 165mm (6½ in) square metal colour frame for 'Cinemoid' is supplied. This has integral spring clips which engage under the side colour runners.

## 8. 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 relamping.

## 9. SPARES

Addition colour frame with spring clips

Spare 150mm (6 in.) dia. Fresnel lens

Spare 115mm (4½ in.) dia. reflector

Spare medium prefocus (P. 28) lampholder

## ORDER CODE

27 401 04

27 503 0T

27 435 08

27 493 00