

RANK STRAND ELECTRIC

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INSTRUCTION LEAFLET

PATT.264,264W 750/1000W BI-FOCAL SPOTS

1. CONNECTION

A short length of 3-conductor flexible cable, containing an earth/ground conductor, is fitted; this special heat-resisting cable is essential and therefore a pair of plug and socket connectors are necessary for connection to the supply. The live line of the supply **must** be connected to the **red-labelled** line conductor of the special cable and therefore to the centre contact of the lampholder. The outer shell of the lamp base will then be at neutral potential.

2. LAMPS

Base-up burning projection lamp. P.28 base.

Specify voltage when ordering.

1000-watt (not 120V), British Lamp Ref. T/4 or International Philips 6291C

1000-watt (120V only), tungsten-halogen, N.American Code Q1000T12/4CL

1000-watt (120V only), N. American Code 1M/T12/2

750-watt (120V only), tungsten-halogen, N. American Code Q750T12/CL

750-watt (120V only), N. American Code 750T12/9

Access for lamping is from the top. **Disconnect from the supply;** then open, by a half turn, each of the two wing fasteners near the cable grip and then lift lampholder assembly. Withdraw only the lamp base from the carton and, by gripping the lamp envelope through the carton, insert lamp base into the lampholder with the wide fin of the lamp base coinciding with the wide slot of the lampholder; press lamp firmly against the sprung centre-contact and turn clockwise through 90°. Remove lamp carton and replace lampholder assembly with the cable grip towards the lens, then secure with the two fasteners (there is a locating peg to prevent reversal). **Do not reconnect the supply until** the lampholder assembly has been replaced and the spotlight has been mounted with the lamp base-up.

3. MOUNTING

This spotlight is supplied with a 3/8" Whitworth bolt, washer and wingnut for suspension by a Ref. 483 Hook Clamp. The washer should be placed between the wingnut and the Hook Clamp. If required, the bolt can be discarded and be replaced by a Ref. 592 1 1/8" dia. TV spigot for a Ref. 594 TV hook clamp.

If mounting on a telescopic stand is required, the tilting fork must be

reversed so that the lamp remains **base-up**. A Ref. 484 $\frac{3}{8}$ " spigot adaptor will also be required to screw over the bolt.

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

4. ADJUSTMENT

Ensure all four rear masking shutters with the red knobs are withdrawn to the limits of their movement. Light up and adjust the four forward shutters with black knobs to form the maximum-sized square; then focus this aperture by adjusting the front lens tube with the lens as far forward as is practical for hard edges. To obtain even beam distribution, turn the coin-slot adjusting screw provided on top of the lampholder assembly. If there is a 'bright spot' in the centre of the beam, turn the screw clockwise; if there is a 'dead spot' in the centre of the beam, turn the screw anti-clockwise. Set the forward masking shutters with black knobs to the shape required. Re-focus if necessary. To soften one or more edges of the beam, withdraw the appropriate shutter with the black knob and push in the corresponding rear shutter with the red knob.

5. COLOUR FRAME

One metal colour frame for 'Cinemoid' colour filter is supplied. Additional frames (Ref. 661) can be purchased if required.

6. MAINTENANCE

The reflector should be polished with a soft cloth prior to re-lamping. Access to the reflector is by hinging down the gate and lens tube assembly by unscrewing the two captive milled-head bolts. Access to the back of the lens for dusting is through the fixed diaphragm within the lens tube. (On Patt. 264W the additional lens mounted on this diaphragm will have to be temporarily removed). To withdraw the front lens for washing in warm water, or for replacement, the screws holding the lens tube to the front colour runner castings will need to be removed.