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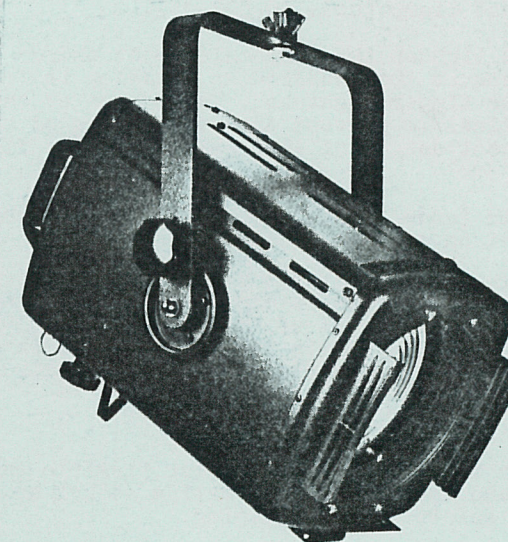
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INSTRUCTION LEAFLET



MODEL

828

2000W TUNGSTEN HALOGEN

FRESNEL SPOT

MOUNTING

This luminaire is supplied with a $\frac{1}{2}$ -in. Whitworth bolt, two washers and a wingnut for compact suspension by a Hook Clamp (order code 26 483 07). One washer should be assembled between the bolt head and the tapped hole in the suspension fork. The other washer should be placed between the Hook Clamp and the wingnut. If mounting on a Telescopic Stand (order code 26 896 09) is required then the fork must be reversed so that the lamp-holder 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 $\frac{1}{2}$ -in. Whit. thread (code 26 487 09) 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 $\frac{1}{2}$ -in. Whit. stem and locknut (code 26 593 09) 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. Do not mount on a combustible surface.

A small-mesh wire lens guard is available as an accessory (code 27 884 07) to fit into the internal set of runners close to the lens. Access to these runners is by temporary removal of the top cover. A lens guard may be required by local regulations and is recommended as a sensible safety precaution wherever a lens failure would constitute a hazard.

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.

Connect the brown conductor to the Live pin of the plugtop, the blue conductor to the Neutral pin and the green/yellow conductor to the Earth pin of the plugtop.

LAMPS

GY.16 (unequal pin) base down
70mm light centre length with 40mm max. dia. quartz envelope.

2000 watt, 220v, 240v, Class CP/43 Halogen
54,000 nominal lumens, objective life 400 hr.

2000W 240v CP/43 order code 34 224 0T

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

Turn the two toggle fasteners at the bottom rear of the luminaire to allow the whole lamp tray assembly to hinge downwards. When re-lamping this method of access ensures that there is no necessity to remove colour frame or attachments, or to alter the focus knob.

Do not directly handle the envelope of the 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, insert the unequal pins of the lamp into the mating sockets of the lampholder and press firmly home. Remember to reconnect after lamphouse has been closed.

If local regulations require that internal access must require the use of a tool, the toggle rings can be removed by prising apart with a pair of pliers. Subsequently a screwdriver will be necessary to operate the fasteners.

Quartz envelope tungsten halogen lamps all 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.

ADJUSTMENT

Ensure the suspension bolt is vertical, then light up and direct the unit to the area to be lit. Adjust the geared, lead-screw focusing knob underneath the unit to provide the beam spread required - turn anti-clockwise for greater spread or clockwise for higher intensity over a smaller area.

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). The backplate of this barndoor slides into the front colour frame runners and is retained by a sprung safety catch which engages in an internal notch in the runner casting. The attachment cannot be removed until the sprung lever at the left hand side (when facing the lens) is released.

COLOUR FRAME

One 215 x 240mm ($8\frac{1}{2}$ x $9\frac{1}{2}$ -in.) metal colour frame for thin-film, high temperature 'Chromoid' colour filter is supplied.

'Chromoid' thin-film should be cut to be retained in the fixed guides at the sides but overlong so that it can be folded over the fixed members at the top and bottom and then clamped by the pivoted guides.

This colour frame will accept 'Cinemoid' sheet but with this high power luminaire 'Cinemoid' cannot be recommended for any but the palest tints and then not at full flood focus. If used 'Cinemoid' should be cut so that it is retained by the fixed sides guides and by the pivoted guides at the top and bottom of the colour frame.

Additional colour frames can be purchased (code 27 884 07).

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.

For spares see current Spares Schedule.