

CCT

theatre lighting



Starlette 1000 Pebble Convex

4° ↔ 37°

An improved design of a popular spotlight giving a variable, striation free soft even beam of unique quality.

Mechanically it is similar to the Starlette 1000 Fresnel. The 150mm diameter lens is plano convex with an optically pebbled plano surface giving a smooth striation free beam variable between 4° and 37° with minimum halation. Designed as a primary spotlight for both theatre and television it's compact and rugged construction make it suitable for emphasis

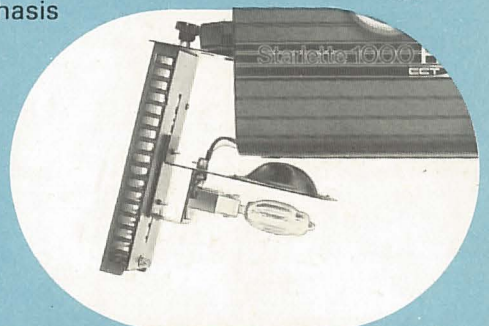
lighting of all kinds. Precise beam shaping can be achieved with the optional barn door accessory.

The standard design includes:-

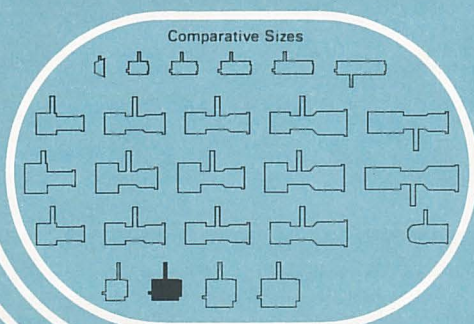
- Hinged bottom plate for 'intrim' lamp change
- External thread lead screw and PTFE mountings
- Cable with auto eject CEE 22 connector
- BVW or CYX lampholders
- Integral safety mesh
- Double colour runners adjustable for top or side entry
- Barn door retention flap
- Full width heat resistant handle
- Safety secondary support bracket



Full width rear handle, focussing knob, CEE22 auto eject connector and secondary safety bracket.



Hinged bottom gives easy access to lamp, reflector and lens



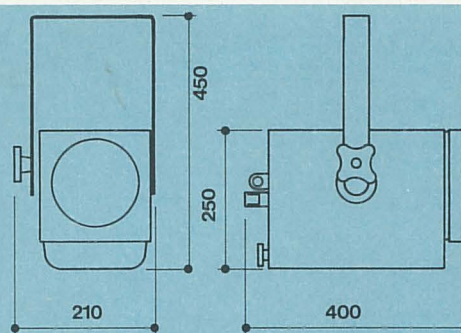
4 leaf rotatable barn door optional accessory



technical data

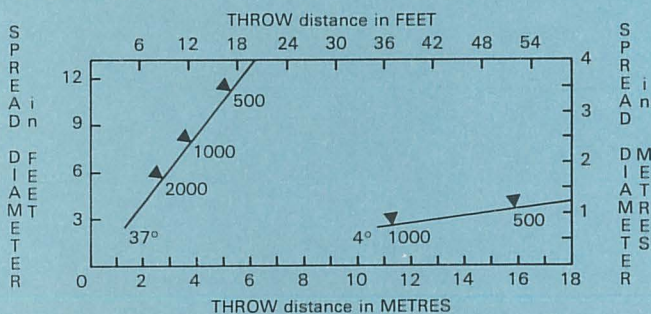
Order Code
Z0052

Weight 8.3kg

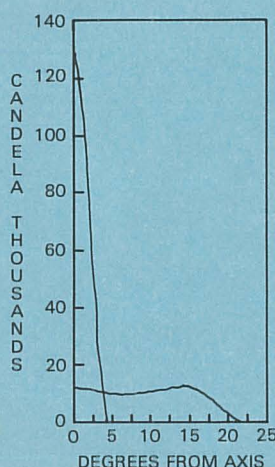


Photometric Data

SPREAD DISTRIBUTION



The figures on the diagonal lines indicate the maximum illumination value in LUX in the beam.



Typical performance based on calibrated 1000W 240V T19 lamp C13D biplane filament, 750 HOUR, 3050°K, 21,000 LUMEN.

HORIZONTAL BEAM SCAN, with integral 25mm mesh lens guard.

1/2 peak angle 4° SPOT to 37° FLOOD
1/10 peak angle 7.5° SPOT to 42° FLOOD

127,000 peak CANDELAS at SPOT, variable to 13,250 peak CANDELAS at FLOOD.

Specification

The luminaire shall be constructed from dedicated aluminium extrusions and castings ensuring good heat dissipation, strength and lightweight. The unit shall be finished in baked electrostatically applied high temperature black epoxy paint with high resistance to chipping and marking. Access for relamping, lens and reflector cleaning shall be easily obtained by releasing a catch securing the hinged, double skinned bottom plate supporting the lampholder and reflector. Internal access shall not necessitate disturbing any of the luminaire settings. A GX9.5 lampholder together with spherical anodised aluminium reflector and spill mask shall be supported on a the bottom plate. The lamp/reflector chassis shall be driven on PTFE bearings via an external thread lead screw located within the double bottom. A finger grip thermally insulated knob shall be attached to the rear end of the lead screw to give focussing control. The carriage shall move on non-stick PTFE runners allowing for rapid and precise setting. PTFE runners shall be adjustable for wear. The lens shall be high performance 152mm diameter x 228mm Pebble Convex in heat resisting boro-silicate glass. The lens shall be protected by a retained wire guard and be located in silicone rubber mountings. In front of the lens shall be triple channel fully enclosed accessory runners with hinged lid retained by a single spring clip. The colour frame magazine shall be attached to the front plate by four screws which can be user

adjusted to allow top or side entry of colour frames. There shall be a 1.5mm² long silicone 3 conductor cable connected to the luminaire via an auto eject CEE 22 connector. The luminaire shall have a heavy duty full width heat resistant rear handle and a clamp disc with a large diameter heat resistant knob shall positively lock the tilt setting. The yoke shall be 38mm x 4.75mm aluminium drilled 12mm clear or tapped and DIN Platte fixing holes. Passing through the rear plate and bolted to the side extrusion shall be a secondary support bracket designed to meet Draft European Safety Specification. The luminaire shall be complete with one book form zintec colour frame.

Accessories

| | |
|-------|-------------------------------------|
| Z0013 | Extra Colour Frame |
| Z0051 | 4 leaf Rotatable Barn Door |
| Z0083 | Hook Clamp |
| Z0122 | Colorsette motorised remote control |
| | Colour Change unit for four colours |

For Colour Change Controls see
Colour Change Brochure

CCT theatre lighting limited

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