

CAT # ME
MICRO ELLIPSE

Specifications:

The Luminaire shall be a 20-75 watt variable focus dichroic reflector spotlight with a push-on two pin ceramic socket to accommodate a MR-16 rim mount tungsten-halogen lamp. Four galvanized steel framing shutters equipped with thermoplastic handles, a pattern slot, lens assemblies, and color filter slot shall be enclosed in an extruded aluminum housing. Two 2.000" × 3.500" white plano convex lenses shall move independently to allow hard or soft edged definition of the beam. Beam spread adjustments shall not require Luminaire disassembly or handling of the lenses.

Adequate ventilation shall be provided through machined slots in the aluminum upper body with a baffle to prevent light leakage. To further reduce heat and improve lamp life, the entire upper and lower body assemblies shall incorporate heat-dissipating fins into the extrusions. Power to the lamp shall be supplied by a dimmable magnetic transformer accepting 115VAC as line voltage producing 11.5VAC to the lamp. The transformer shall be located outside the Luminaire by means of installation into a heat dissipating extruded aluminum enclosure attached to the luminaire strap yoke.

Lamp focusing shall be accomplished without the use of tools and shall be continuously variable within the confines of the lamphouse. Peak beam intensity or flat field adjustments shall be achieved by movement of the lamp heat sink supported on aluminum guides. Lamp centering shall be achieved by a rotational movement of the lamp mount subassembly on the center axis in relationship to the aperture center. Both actions shall be independent of each other. Heat sink and subassembly shall be removable for relamping without the use of tools.

The Luminaire shall be supplied with a color frame, pattern holder, circle templates, a rigid aluminum strap yoke, and a six-foot 3-wire cordset with a model U-ground edison plug. Exterior shall be anodized aluminum.

Finish shall be Epoxy Sandtex black, electrostatic application.

The Luminaire shall be U.L., c.U.L. Listed and CE Certified and labeled for use with up to a 75 watt 12 volt lamp, and shall be available with a 220 VAC, 50/60 HZ. transformer upon request. Luminaire shall have a New York City Calendar Number.