

**CAT #1KAF-MPF
6" FRESNEL Die-Cast**

Specifications:

The luminaire shall be a 1000-watt Fresnel lens spotlight. For strength and heat dissipation, the housing shall be constructed of die-cast aluminum with exterior finish in Epoxy Sandtex black, electrostatic application. Convection cooling of lamp, socket and housing shall be provided by fully baffled ventilation holes to prevent light leaks.

The luminaire shall be supplied with a medium pre-focus socket to accept high-intensity tungsten halogen lamps. The socket shall be mounted on an adjustable burner in front of a specular spherical Alzak aluminum reflector. The burner shall be constructed to allow slide focus of the assembly from narrow spot to full flood without over-travel. Each unit shall be provided with a 6" diameter heat-resistant Fresnel lens with special back pattern for tungsten halogen lamp and float-mounted to aid in convection cooling. The die-cast lens holder/lamp access door shall be provided with four cast-aluminum accessory holder clips with spring-loaded top lock.

Re-lamping shall be easily accomplished by releasing the cam-lock latch and swinging the hinged lens assembly to the side. Re-lamping shall be accomplished without disturbing the pre-focused lamp alignment.

Luminaires shall include color frame, a rigid-strap aluminum yoke with locking dog tilt handle, and a three-foot, three-wire Teflon lead encased in black fiberglass tubing.

The light output of the luminaire, catalog #1KAF-MPF, shall have a variable beam angle from 6.4° to 69.2° dependent on focus adjustment. The luminaire shall produce 268 foot-candles at center beam in spot focus and 19 foot-candles at center beam in flood focus with Q1000 T7/4CL/2P BTR lamp at rated lumens at a distance of 25 feet. Beam zoom ratio shall be 11:1; flood zoom ratio shall be 5.9:1.

Finish shall be Epoxy Sandtex black, electrostatic application.

Luminaire shall be U.L., c.U.L. Listed and CE Certified and labeled for use up to 1000-watt lamps. Luminaire shall have a New York City Calendar Number.

The luminaire shall be #1KAF-MPF, 6" Fresnel Series as manufactured by Altman Lighting, Inc., Yonkers, NY.