

**CAT #S6- (1535Z, 3055Z)
SHAKESPEARE ZOOM ELLIPSOIDAL**

Specifications:

The luminaires shall be a 575 or 750-watt ellipsoidal reflector spotlight with a G9.5, medium two pin socket with heat sink to accept an axially mounted tungsten lamp, housed inside a dichroic coated glass reflector with secondary “efficiency reflector”. Reflector shall be designed for use with Bi-plane filaments (GLA or GLC).

The fixture shall be constructed of rugged die-cast aluminum lamp housing, lens barrel and cap.

The unit shall have four tool free “quick-release” heavy gauge stainless steel shutters equipped with oversized insulate. Luminaires not offering this feature will not be acceptable.

The heat resisting 6” plano-convex lenses shall be housed in an adjustable die-cast lens tube complete with insulated locking knob for beam definition. Two plano white plate convex lenses shall be separately mounted on nylon guide bearings within the housing to allow soft or hard definition of the beam pattern between 15°-35° and 30°-55°, eliminating light leak. Beam spread adjustments shall not require luminaire disassembly or handling of the lenses. Lens shall incorporate a color-coded lens identification system. The lens assembly housing shall be equipped with a replaceable two-slot accessory holder with self-closing and self-locking accessory retaining latch, and a maintenance slot provided with locking cover.

Luminaires shall incorporate lockable, 180-degree (360 optional) indexed rotation of the shutter assembly and lens barrel. Accessory slot provided with locking cover and will accept rotating gobo accessories, glass pattern holder and drop-in iris.

Luminaires shall be supplied with safety cable, rigid strap yoke, and a three-foot, three-wire lead encased in a black fiberglass sleeve.

Finish shall be Epoxy Sandtex black, electrostatic application.

The light output of the luminaires, with socket adjusted for maximum performance with a cosine distribution using the GLC 575-watt lamp operated at rated lumens, shall have the following minimum results:

UNIT	DISTANCE	NARROW SPOT	FOOT-CANDLES
S6-1535Z	30'	7'	390
S6-3055Z	30'	15'	184

UNIT	DISTANCE	WIDE SPOT	FOOT-CANDLES
S6-1535Z	30'	18'	132

S6-3055Z

30'

30'

60

The luminaire shall be U.L., c.U.L. Listed and CE Certified and labeled for use with up to a 750-watt lamp. Luminaire shall have a New York City Calendar Number.

The Luminaire shall be #S6-Series Ellipsoidal as manufactured by Altman Stage Lighting Co., Inc., Yonkers, NY.