

1. 1 1.01 Phoenix Ellipsoidal Reflector Spotlight

A. A) General

- 1) The fixture shall be a Phoenix ellipsoidal spotlight by Altman Lighting, Inc., or approved equal.

B. B) Physical

- 1) The fixture shall be constructed of die cast aluminum free of defects such as burrs, pits and malformations. Normal operation of the fixture shall not require tools.
- 2) The fixture shall be a 575 or 750-watt ellipsoidal reflector spotlight available with a G9.5, medium two pin socket to accept an axially mounted tungsten lamp, housed inside a dichroic coated glass reflector. Reflector shall be designed for use with Bi-plane filaments (GLA, GLC or HPL).
- 3) The unit shall have four tool free heavy gauge stainless steel shutters equipped with oversized insulated handles.
- 4) Fixture shall be provided with an interchangeable tool free lens barrel.
- 5) The heat resisting 4.5" plano-convex lenses for 19, 26, 36, & 50-degree shall be housed in an adjustable die-cast lens tube complete with insulated locking knob for beam definition.
- 6) Lens tubes shall incorporate a fully enclosed color filter and front accessory holder with locking accessory slot cover. Fixtures not including the feature will not be acceptable.
- 7) Fixture shall incorporate lockable, 360-degree 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. Fixtures not offering 360 degree rotation shall not be acceptable.
- 8) Fixture shall include a lever located on each side to facilitate locking the shutters into position. Fixtures not including this option will not be acceptable.
- 9) Fixture shall be supplied with a cast iron C-clamp Altman #510 suitable for use on up to 2" O.D. pipe. Clamp must incorporate a 360-degree rotational "Safety Stud" with locking bolt. Any clamp not offering this safety feature will not be acceptable.
- 10) Fixture shall be supplied with an 18 inch safety cable.
- 11) Fixture shall be supplied with a color frame.
- 12) Finish shall be Epoxy Sandtex black, electrostatic application.