

1.01 WASH LIGHTING

A. General

1. The fixture shall be an Altman Q-LITE as manufactured by Altman Stage Lighting, or approved equal. Fixtures that do not meet the following performance criteria in this specification will not be acceptable.
2. The fixture shall be a tungsten halogen based wash light, designed as a compact, broad beam flood light for stage, studio, and location lighting.
3. The fixture shall utilize a 300 to 1000 Watt maximum tungsten halogen linear lamp.
4. Unit shall be IP20 rated for indoor use.
5. The fixture shall be cETLus listed, and shall be so labeled when delivered to site. The fixture shall be cETLus listed under the UL1598 standard.
6. Ambient operating temperature of 32°F to 104°F (-0°C to 40°C).
7. Normal operation of optical and control functions of the fixture shall not require tools.

B. Physical

1. The fixture shall have a sheet steel housing and major components, free of defects such as burrs, pits and malformations.
2. Finish shall be Epoxy Sandtex black, electrostatic application.
3. Fixture shall not weigh more than 7 lbs. (3.18 Kgs.).
4. Physical dimensions of the luminaire shall be 6.75-inches (171.5mm) [H] x 11.5-inches (292.1mm) [W] x 6.75-inches (171.5mm) [D] (when barn doors installed, barn doors are optional and sold separately)
5. Fixture shall be supplied with two (2) accessory mounting screws on the face of the unit.
6. Fixture shall have dual-locking-dog tilt handles – one on each side of the housing.

7. The recessed single contact socket shall be easily accessible for re-lamping of double-ended tungsten halogen lamps.
 8. Fixture shall feature a front end accessory slot with a latching lock. Gel slot shall accept the following accessories:
 - a. Barn doors
 - b. Snoot
 - c. Color frame
 - d. Safety screen
 9. Fixture shall be supplied with:
 - a. Steel yoke constructed from rigid flat steel
 - b. 18-inch safety cable
 - c. Color frame/snoot
 - d. Safety screen
- C. Electrical
1. The fixture shall be equipped with 120VAC or 230VAC leads and sockets for operation, lamp dependent.
- D. Optical
1. The optical assembly shall consist of a peened reflector, formed to provide broad uniform horizontal and vertical illumination.
 2. The light output of the luminaire shall have a horizontal beam angle of 102° and a vertical beam angle of 130° . Horizontal field angle shall be 132° . Vertical field angle shall be 140° and shall produce 56 foot-candles center beam at 10 feet with FCM lamp at rated lumens.

END SPECIFICATION

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