



**LUMINAIRE: 100MH-L50-PCFC-SE3-120-SFO-BKTX-1-FN1**

1. Finalet: Decorative cast 356 aluminum, mechanically assembled.
2. Cupolet: Decorative spun aluminum 1100-0, mechanically mounted on hood.
3. Hood: Spun aluminum 1100-0 dome, mechanically assembled on the luminaire.
4. Globe: Made of one-piece roto-molded frosted clear polycarbonate. The globe is mechanically assembled on the access-mechanism.
5. Lamp: 175 watts metal halide, ED 17 bulb, mogul base.
6. Optical System: (SE3), I.E.S. type III (asymmetrical) with house shield. Cutt-off optical system. Multi-faceted hydroformed aluminum reflector brightened and anodized, mechanically assembled on the luminaire.
7. Ballast: High power factor of 90%. Primary voltage 120 volts. Lamp starting capacity -20F (-30C) degrees. Assembled on a unitized removable tray with quick disconnect plug.
8. Access-Mechanism: Rotomatic, die-cast A380 aluminum quarter-turn mechanism with constant-pressure spring-loaded points. The mechanism shall offer toolfree access to the inside of the luminaire, lamp and ballast tray. An embedded memory-retentive gasket shall ensure weatherproofing. A red key on the ballast tray shall indicate point of engagement.
9. Fitter: Cast 356 aluminum c/w 4 set screws 1/4-20 UNC. Slip-fits on a 4" (102mm) outside diameter x 4" (102mm) long tenon.

**POLE RTA906V-16-PH7/120-GFI-BXTX-BA**

10. Pole Shaft: Shall be made from a 5" (127mm) 16 fluted mandrell-formed, tapered aluminum shaft 6" round, having a 0.250" (6.4mm) wall thickness, welded to the pole base.
11. Joint Cover: One-piece round joint cover made from cast 356 aluminum, mechanically fastened with stainless steel screws.
12. Maintenance Opening: The pole shall have a 4" wide x 9" long (102mm x 229mm) maintenance opening centered 15 3/8" (397mm) from the bottom of the anchor plate, complete with a weatherproof cast 356 aluminum cover and a factory assembly copper ground lug.
13. Pole Base: Shall be made from a round fluted cast aluminum base complete with a cast-in anchor plate.
14. Pole Options: PH7 button type photocell, 120 volts.

**MISCELLANEOUS**

15. Wiring: Type TEW 14 ga. 6" (152mm) minimum exceeding from luminaire
16. Hardware: All exposed screws will be in stainless steel. Neoprene and/or silicone gasketing is applied.