



L50-100MH-ACDR-FC-SE3-QTA/120-SFO-COLT
 L51-100MH-ACDR-FC-SE3-QTA/120-SFO-COLT
 L29-100MH-ACDR-FC-RR3MD-DTA/120-SFR-COLT

COMPONENTS:

- FINIAL:** DECORATIVE CAST 356 ALUMINUM, MECHANICALLY ASSEMBLED.
- CUPOLA:** DECORATIVE SPUN ALUMINUM 1100-0, MECHANICALLY MOUNTED ON HOOD.
- HOOD:** SPUN ALUMINUM 1100-0 DOME, PERMANENTLY ASSEMBLED TO THE GLOBE.
- GLOBE:** (ACDR-FC) MADE OF ONE PIECE ROTO MOLDED FROSTED CLEAR IMPACT-RESISTANT (DR) ACRYLIC. THE GLOBE IS MECHANICALLY ASSEMBLED ON THE ACCESS MECHANISM.
- LAMP:** 70, 100, 150 OR 175 WATT METAL HALIDE (ANSI CODE M57), ED 28 BULB, MEDIUM BASE (100 WATT) MOGUL BASE (175 WATT).

OPTICAL SYSTEM:

(SE3), I.E.S. TYPE III (ASYMMETRICAL) OR RACE 3D CUTOFF OPTICAL SYSTEM. MULTI-FACETED HYDROFORMED ALUMINUM REFLECTOR BRIGHTENED AND ANODIZED, MECHANICALLY ASSEMBLED ON THE LUMINAIRE.

BALLAST: HIGH POWER FACTOR OF 90%. PRIMARY VOLTAGE 120/208/240/277 VOLTS, CONNECTED TO 120 VOLTS. LAMP STARTING CAPACITY -20°F(-30°C) DEGREES. ASSEMBLED ON A UNITIZED REMOVABLE TRAY WITH QUICK DISCONNECT PLUG.

ACCESS-MECHANISM:

ROTOMATIC, DIE-CAST A360 ALUMINUM QUARTER-TURN MECHANISM WITH CONSTANT-PRESSURE SPRING LOADED POINTS. THE MECHANISM SHALL OFFER TOOLFREE ACCESS TO THE INSIDE OF THE LUMINAIRE. AN EMBEDDED MEMORY-RETENTIVE GASKET SHALL ENSURE WEATHERPROOFING. A RED KEY ON THE UNIT SHALL INDICATE POINT OF ENGAGEMENT.

FITTER: (SFO), CAST 356 ALUMINUM C/W 4 SET SCREWS 3/8-16 UNC. SLIP FITS ON A 4"(102mm) OUTSIDE DIAMETER X 4"(102mm) LONG TENON.

WIRING: GAUGE (#14) TEW WIRES, 6"(152mm) MINIMUM EXTENDING FROM LUMINAIRE.

HARDWARE:

ALL EXPOSED SCREWS SHALL BE STAINLESS STEEL. ALL SEALS AND SEALING DEVICES ARE MADE AND/OR LINED WITH EPDM AND/OR SILICONE.

FINISH: TEXTURED COLOR SHALL BE POLYESTER POWDER COAT PAINT (4 mils/100 microns). THE CHEMICAL COMPOSITION PROVIDES A HIGHLY DURABLE UV AND SALT SPRAY RESISTANT FINISH IN ACCORDANCE TO THE ASTM-B117-73 STANDARD AND HUMIDITY PROOF IN ACCORDANCE TO THE ASTM-D2247-68 STANDARD.

NOTE:

COLOR OPTIONS: BLACK TEXTURED (BKTX), DARK GREEN TEXTURED (GN8TX) OR OTHER, BY CITY APPROVAL.

REVISED: SEPT-2009	STREET LIGHTING - FIXTURES or APPROVED EQUAL	STANDARD DETAIL
ISSUED: SEPT - 2009	CITY OF WEST PALM BEACH ENGINEERING SERVICES DEPT.	SL-5