HADCO® WIDE REFRACTIVE GLOBE SERIES LUMINAIRE

Maximum height - 50 lbs
Maximum effective projected area - 2.20 sq. ft.

16-1/2"

ACORN ROOF

34-13/16"

POLYACRYL "TYPE III WIDE GLOBE"

ROUND POD WITH SCALLOPED PETALS

3" MAX O.D.

SPECIFICATIONS (CONT.)

FITTER UTILIZES FOUR 5/16-18 BLACK CADMIUM STAINLESS STEEL SET SCREWS (HEX HEAD OR ALLEN HEAD AS SPECIFIED) FOR MOUNTING TO 3" O.D. POST TENON. GLOBE HOLDER HAS AN INTERNAL WATER TRAP TO PREVENT WATER FROM ENTERING BALLAST COMPARTMENT. GLOBE IS HELD BY UTILIZING FOUR 5/16-18 BLACK CADMIUM STAINLESS STEEL FASTENERS (HEX HEAD OR ALLEN HEAD AS SPECIFIED), ALL HARDWARE TO BE STAINLESS STEEL AND CAPTIVE. POD HEIGHT IS 12-1/4" AND WIDTH IS 11-1/2". FINISH IS POLYESTER THERMOSET POWDERCOAT.

ROOF
ACORN STYLE ROOF IS CLEAR INJECTION MOLDED U.V. STABILIZED ACRYLIC WITH 74 HORIZONTAL PRISMS FOR A SOFT, EVEN GLOW. 9-1/2" HEIGHT AND 16-3/4" WIDTH. THE ROOF AND BOTTOM GLOBE SECTIONS ARE SECURED IN A SLIP-FIT, 1/2" OVERLAP DESIGN AND USE FOUR #10-24 STAINLESS STEEL PAN HEAD SCREWS WITH FOUR ALUMINUM NUTsertS PROVIDING A MECHANICAL LOCK AND ENABLING FUTURE REPLACEMENT OF EITHER THE ROOF OR BOTTOM GLOBE SECTION IF REQUIRED.

FASTENERS
HEX HEAD BOLTS; BLACK CADMIUM STAINLESS STEEL.
FINISH
THERMOSET POLYESTER POWDERCOAT IS ELECTROSTATICALLY APPLIED AFTER A FIVE-STAGE CONVERSION CLEANING PROCESS AND BONDED BY HEAT FUSION THERMOSETTING, LABORATORY TESTED FOR SUPERIOR WEATHERABILITY AND FADE RESISTANCE IN ACCORDANCE WITH ASTM B-117-64 AND ANSI/ASTM G53-77 SPECIFICATIONS.

OPTICAL ASSEMBLY
TYPE III WIDE BODY GLOBE IS CONSTRUCTED OF CLEAR INJECTION-MOLDED U.V. STABILIZED ACRYLIC, A TWO-PIECE (GLOBE AND ROOF) SLIP-FIT, 1/2" OVERLAP. DESIGN UTILIZES NUTsertS AND STAINLESS STEEL FASTENERS, WHICH ELIMINATES A "BUTT-GLUE" SEAM APPEARANCE. THE OPTICAL SECTION OF THE GLOBE HAS A NECK OPENING OF 7-3/8" AND AN OUTSIDE NECK DIAMETER OF 8". GLOBE (LESS THE ROOF) HAS A 12-7/8" HEIGHT AND 16-3/4" WIDTH AT THE TOP WITH 98 HORIZONTAL PRISMS AND 360 HIGHLY POLISHED VERTICAL PRISMS.

REFLECTOR
TOP REFLECTOR IS 0.04" THICK HYDROFORMED ALUMINUM WITH A CLEAR ANODIZED HIGHLY SPECULAR FINISH. DIAMETER IS 14-1/4" AND HEIGHT IS 6-1/4". REFLECTOR RESTS ON TOP INTERNAL PRISM WALL OF THE BOTTOM GLOBE SECTION TO CONTROL UPLIGHT.

ELECTRICAL ASSEMBLY
TWISTLOCK BALLAST ASSEMBLY WITH QUICK DISCONNECTS FOR EASY MAINTENANCE. BALLASTS ARE HFP CORE AND COIL. 4KV RATED MOGUL BASE PORCELAIN SOCKET. NICKEL-PLATED SCREW SHELL WITH CENTER CONTACT. 4KV RATED MEDIUM BASE PORCELAIN SOCKET. NICKEL-PLATED SCREW SHELL WITH CENTER CONTACT.

BALLAST
ALL HID BALLASTS ARE CORE AND COIL AND REGULATED WITH POWER FACTORS BETTER THAN 90% (HFP). BALLAST PROVIDES +/- 5% LAMP POWER REGULATION WITH +/- 10% INPUT VOLTAGE REGULATION. BALLASTS ARE FACTORY PRE-WIRED AND TESTED, METAL HALIDE BALLASTS ARE CAPABLE OF STARTING AT -20°F OR -30°C AND HPS AT -40°F OR -40°C.

CERTIFICATION
UL LISTED TO U.S. SAFETY STANDARDS FOR WET LOCATIONS. MANUFACTURED TO ISO 9001:2000 STANDARDS

WATTAGE
150 S = 150 W HPS

VOLTAGE
E = 120 VOLT

FINISH
A = BLACK

FASTENER
T = HEX HEAD BOLT

REFLECTOR
T = FULL TOP

PHOTOCONTROL
N = NONE

SOCKET
G = MOGUL

FULL PRODUCT NO:
R33BBNN14ATN150SE

SPECIFICATIONS

GENERAL DESCRIPTION
POD
ROUND FITTER WITH SCALLOPED PETALS IS CONSTRUCTED OF DIE-CAST 360 ALUMINUM ALLOY WITH SIDE-HINGED DOOR PROVIDING 180° ENTRY INTO THE FITTER ASSEMBLY FOR ACCESS TO THE ELECTRICAL COMPONENTS. ACCEPTS STANDARD HADCO TWISTLOCK BALLAST ASSEMBLIES UP TO 310W HPS OR 320W MH. WIRING BLOCK TO ACCEPT THREE #8 SOLID OR STRANDED WIRE. INTERNAL TWIST-LOCK PHOTO EYE RECEPTACLE. ACCESS TO PHOTO EYE THROUGH THE DOOR ON THE POD. HEAVY CAST ALUMINUM POST

DATE:
09/04/2007
NOT TO SCALE

REVISION BY APPROVED DATE

CITY OF ELK GROVE · PUBLIC WORKS

LAGUNA WEST LUMINAIRE
(DUAL ARM / SERIES 'B')

APPROVED BY:

CITY ENGINEER

DRAWING NUMBER
SL - 43