

Prismasphere[®] Series Luminaire

Prismatic Outer Sphere With Simple Style Housing
 Maximum weight - 35 lbs
 Maximum effective projected area - 2.16 sq. ft.

Specifications

GENERAL DESCRIPTION

The luminaire consists of two main components, a ballast housing with reflector and socket, and a prismatic outer sphere.

OPTICS

The optical component consists of an 18 inch injection molded acrylic or polycarbonate prismatic sphere mechanically attached and sealed to a mounting ring cast of #356 copper free aluminum. Light from a vertical lamp is distributed by precisely molded refracting prisms to control brightness and to maximize utilization, uniformity and luminaire spacing. A soft upward glow is allowed to gently illuminate foliage and building facades creating a fully luminous environment.

BALLAST HOUSING

The ballast housing contains the ballast and other electrical components. The housing is cast of 356 copper free aluminum alloy. The slipfitter will accept a 3" high, 2-7/8" to 3-1/8" O.D. tenon and is secured by four hex head stainless steel 1/4-20 x 1/2" set screws. Four uniquely designed stainless steel spring clips enclosed in a clear polyvinyl chloride sleeve and adjusted by hex head stainless steel 1/4-20 bolts securely cradle the optical assembly. The housing is finished with polyester powder paint applied after a seven stage pretreatment process to insure maximum durability.

BALLAST

(Refer to Ballast Data Sheet for specific operating characteristics)

35 - 100 watt 120 volt High Pressure Sodium (HPS) ballasts are High Power Factor Reactor type. All other HPS ballasts are High Power Factor Autotransformer type.

175 watt Metal Halide (MH) ballasts are Peak Lead Autotransformer type. 70 and 100 watt MH units are available only with (120V, 208V, 240V, 277V) multitap High Power Factor High Reactance type ballast.

REFLECTOR / SOCKET ASSEMBLY

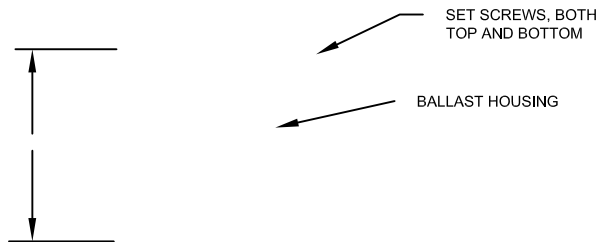
The reflector/socket assembly is designed to position the specified light source at the light center of the reflector.

UL LISTING

The luminaire is UL listed as suitable for wet locations at a maximum 25 degree C ambient temperature.

INSTALLATION

Refer to the instruction manual provided with each luminaire as to the specific method of wiring and mounting the luminaire.



ORDERING INFORMATION

EXAMPLE: PR 050HP 12 S B N P1 A

BALLAST TYPE (MOGUL BASE) 050HP = 50W HPS 070HP = 70W HPS 100HP = 100W HPS 15AHP = 150W 55VHPS 150MH = 150W MH (MT ONLY) **175MH = 175W MH 175PM = 175W PM (120-277V) BALLAST TYPE (MEDIUM BASE) 35DHP = 35W HPS (120V ONLY) 50DHP = 50W HPS 70DHP = 70W HPS 10DHP = 100W HPS 15DHP = 150W 55V HPS 70DMH = 70W MH (MT ONLY) 10DMH = 100W MH (MT ONLY) 15DMH = 150W MH (MT ONLY) **17DMH = 175W MH 20DIN = 200W INCANDESCENT **NOT AVAILABLE FOR SHIPMENT IN US AFTER 12/31/08 DUE TO EISA 2007 LEGISLATION.	VOLTAGE 12 = 120 VOLT 20 = 208 VOLT 24 = 240 VOLT 27 = 277 VOLT 34 = 347 VOLT 48 = 480 VOLT MT = 120/208/240/277 VOLT MULTITAP (NOT AVIAL. WITH 35W HPS)	SIMPLE STYLE CASTING FOR USE WITH A 3" DIAMETER TENON	FINISH B = BLACK Z = BRONZE N = DARK GREEN A = AS SPECIFIED	INNER REFRACTOR N = NO REFRACTOR USED
<p>OPTIONS</p> <p>PS - PROTECTIVE STARTER, FOR HPS UNITS ONLY</p> <p>ACCESSORIES</p> <p>F1 - SINGLE FUSING FOR 120, 240, 277 VOLT, FIELD INSTALLED (NOT UL LISTED)</p> <p>F2 - DOUBLE FUSING FOR 208, 240 VOLT, FIELD INSTALLED (NOT UL LISTED)</p> <p>DTLPR12X - PHOTOCONTROL FOR 120 VOLT, LOCATED IN ACCESS COVER. FIELD INSTALLED. NOT UL LISTED</p> <p>DTLPR20/24/27X - PHOTOCONTROL FOR 208/240/277 VOLT, LOCATED IN ACCESS COVER. FIELD INSTALLED. NOT UL LISTED.</p> <p>BP18RBX - BUFFALO PLACE RIBS AND BAND (FOR X INSERT B, Z, N, OR A COLOR)</p>				

ARCHITECTURAL OUTDOOR ORDER #:

TYPE:

DRAWING NO: US-1099

SCALE: N/A
 DRAWN: RAF
 APP'D:
 DATE: 12/15/09