



GUIDE FORM SPECIFICATIONS DIMENSION™ LUMINAIRE

GENERAL DESCRIPTION

The luminaire designated _____ (identify) shall be a GE DIMENSION™ luminaire ordering number _____ (specify DMA, DMY or DMS, plus ordering number logic from catalog) or approved equal, to operate one _____ specify [70, 100, 150 (55V), 250, 400 and 750] watt high pressure sodium [HPS] or [175, 250, 400, or 1000] watt metal halide) lamp from a nominal _____ (specify 120, 208, 220, 240, 277, 347 or 480 volt, 60 Hz or 220 or 240 volt, 50 Hz) power source and shall be capable of starting and operating the specified lamp within the limits specified by the lamp manufacturer. The luminaire shall contain a completely prewired integral ballast and an optical assembly that shall provide a Distribution Type _____ (specify MC2, MC3, HTV, VT5, VT3 or FWT according to photometric selection table in the catalog). The luminaire shall be UL/cUL Listed SUITABLE FOR WET LOCATIONS. Ballast, housing, optical and luminaire assembly shall all be from the same manufacturer.

MECHANICAL CONSTRUCTION

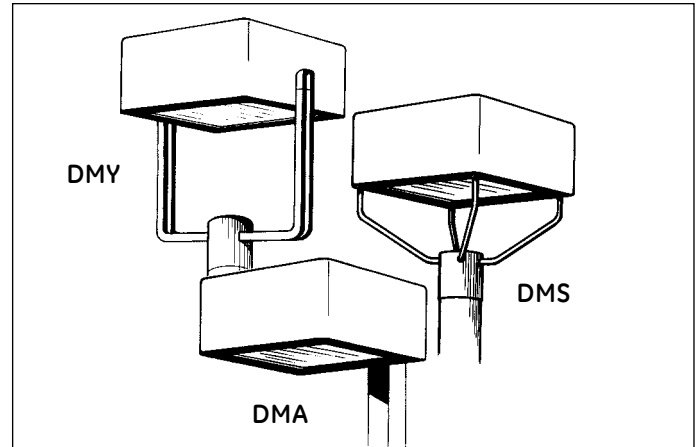
The luminaire shall have a precision engineered, sealed and gasketed, all-aluminum housing and one-piece die-cast aluminum door. The door shall be hinged with two stainless steel butt type hinges, and shall be held shut with two stainless steel thumb latches for no-tool access to optical compartment.

There shall be a decorative mounting arm of _____ (specify 4 or 12 inches or not supplied). All exposed aluminum surfaces shall have a _____ (specify dark bronze, black, white, charcoal gray or aluminum) polyester powder paint finish.

There shall be a prewired photoelectric control receptacle available or a photoelectric control receptacle with shorting cap.

BALLAST OPERATION

The luminaire shall have a _____ (specify) type ballast* with an electrical quick disconnect. The plug-in type ignitor (for HPS only) and ballast shall be prewired to the lamp socket requiring connection of power supply leads only. The ballast shall be in full compliance with lamp-ballast specifications available to the fixture manufacturer from the lamp manufacturers at the time of fixture manufacture. The ballast shall reliably start and operate the lamp in ambient temperatures down to -20°F for metal halide and -40°F for HPS.



OPTICAL ASSEMBLY

The optical assembly shall be rotatable 90° in either direction and have a heat/ impact resistant tempered glass lens.

The optical assembly shall contain a mogul base E39 socket with superior lamp gripping. The socket shall have added insulation, giving it the ability to handle the higher pulse ratings of newer HID systems. The optical shall be sealed by a standard EPDM rubber gasket.

*REFER TO PRODUCT PAGE FOR BALLAST SELECTIONS. FOR MORE DEFINITIVE INFORMATION, REFER TO BALLAST SPECIFICATIONS IN TECHNICAL DATA SECTION.



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