



GUIDE FORM SPECIFICATIONS DECASHIELD® 175 LUMINAIRE

GENERAL DESCRIPTION

The luminaire designated _____ (identify) shall be a GE DECASHIELD® 175 luminaire, ordering number _____ (specify SPMM or SYMM, plus ordering number logic from catalog), or approved equal, for operation of one _____ (specify [50, 70, 100 or 150(55V)] watt high pressure sodium [HPS] or [70, 100 or 175] watt metal halide or mercury) medium-base lamp from a nominal _____ (specify 120, 208, 220, 240, 277, 347 or 480 volt, 60 Hz or 220 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 optical assembly that shall provide an IES Distribution Type _____ (specify MC3 or SC5 according to photometric selection table in the catalog). The luminaire shall be UL/cUL Listed SUITABLE FOR WET LOCATIONS. Standard construction is IP55. Ballast, housing, optical and luminaire assembly shall all be from the same manufacturer.

MECHANICAL CONSTRUCTION

For convenience, the luminaire is shipped assembled with medium base E26 lamp installed in socket, ready for installation.

The luminaire shall include a heavy-duty die-cast aluminum housing with a _____ (specify dark bronze, black, charcoal gray, aluminum or white) paint finish, _____ (specify acrylic 2-inch [51 mm] drop lens, polycarbonate 2-inch [51 mm] drop lens or flat tempered glass), medium base socket and lamp, and choice of _____ (specify square pole, pole-top yoke or wall) mount. There shall be a prewired photoelectric control receptacle available.

SPMM

There shall be a mounting bracket with removable cover, nut plate hole and strain relief assembly for easy access wiring or optional wall mounting plate.

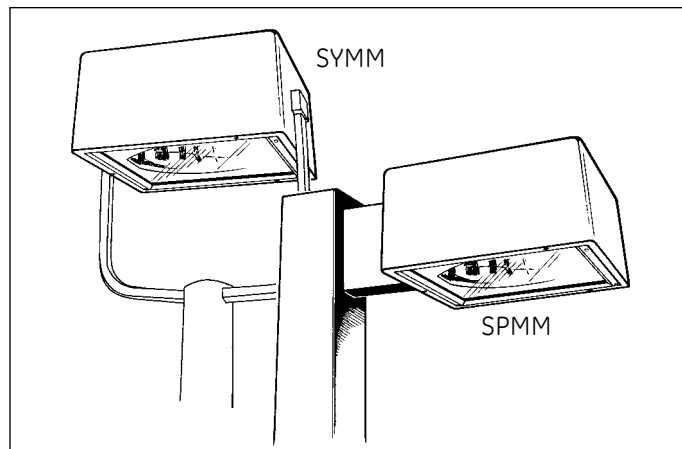
SYMM

There shall be an integral yolk arm assembly for mounting on 3-inch (76 mm) OD pole tenon.

BALLAST OPERATION

The luminaire shall contain a _____ (specify) type ballast* in full compliance with lamp-ballast specifications available to the fixture manufacturers from the lamp manufacturers at the time of fixture manufacture. 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 reliably start and operate the lamp in ambient temperatures down to -20°F for metal halide or mercury and -40°F for HPS.



OPTICAL ASSEMBLY

The optical assembly shall be enclosed, sealed and gasketed with a standard heat and impact-resistant tempered flat glass or optional _____ (specify UV stabilized polycarbonate or acrylic prismatic 2-inch [51 mm] drop lens).

The optical assembly shall have a one-piece hydroformed aluminum reflector with a _____ (specify chemically bonded lightweight non-breakable ALGLAS® finish providing corrosion-resistance, durability and easy cleaning [MC3] or an Alzak® finish [SC5]) on inside and outside surfaces.

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



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