

225XL Architectural Specification

The device shall be 225XL ‘ELECTRARAY’ LED Beacon, Series C, visual signal warning light for use in hazardous and arduous locations. The device shall utilize a solid state LED array consisting of an orbit of high intensity LEDs encapsulated in optically efficient material such as the Federal Signal ‘XLT’ light source (output equivalent to a 100W incandescent lamp) as its source of illumination. The product is available for operation on 24VDC or voltage self detecting 100-265VAC, 50/60 Hz. The operating current shall not exceed 500 mA at any voltage, and the in-rush current is not to exceed 2A. The operating temperature shall be -50°C to +66°C. The product shall be suitable for outdoor use in areas where the relative humidity reaches 95%. The product enclosure shall be rated IP66/NEMA 4X and as outdoor type (saltwater) enclosure, marine rated.

The equipment shall be suitable for use in Class I, Division 2, Groups A, B, C and D; Class II, Division 1, Groups F & G; Class III OR non-hazardous locations only as defined by Underwriters Laboratories for equipment used in Hazardous Area Locations. Refer to product nameplates for appropriate temperature code ratings. These devices are intended for permanent installation and operation in accordance with Title 46, Code of Federal Regulations, Parts 110-113, or Title 33, Code of Federal Regulations, Part 183, Sub-part I, Section 183.410.

The LED is to operate in a flashing mode (60FPM) as standard or a steady on mode is optional, mode is field selectable via an internal electrical jumper. The equipment shall be equipped with a ground terminal for earth ground termination. The equipment shall be provided with 24” flying leads for field wiring of all units. The equipment shall be mounted dome up or horizontally using the integrated ½ -14 NPT pendant mount.

