



3000 Series

Explosion-Proof LED Warning Light

- Super-Bright, high-power LED cluster for superior light output and greater lens fill
- Unique Thermal Management System utilizes internal cooling fins to draw heat away from the LED's. This allows for longer LED life and more consistent light output
- DIP switch selectable single-flash, double-flash, or steady-burn mode
- Order just the mounting style you need – Pendant, Flange (Ceiling), or Wall mount
- 5 year warranty
- NEMA 4X
- Marine Rated
- Low in-rush current

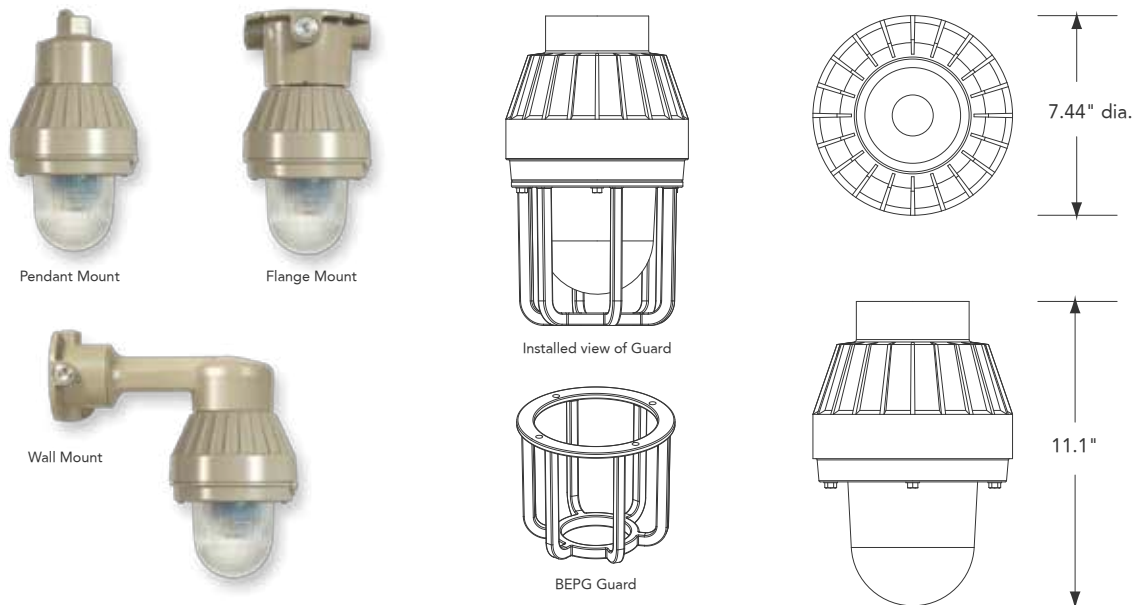


Tomar Electronics introduces the Model 3000 family of LED explosion proof lights. These warning lights are UL listed for Class I, Division 1, Groups C & D; Class II, Division 1, Groups E, F & G; Class I, Division 2, Groups A, B; and Class 3. They are available in five LED colors (Amber, Blue, Green, Red, and White).

Tomar's explosion proof LED lights feature a unique thermal management system that utilizes internal cooling fins to draw heat away from the LED's. This allows for longer lamp life and more consistent light output. All electronics and LED's are guaranteed against manufacturing defects for a full 5 years.

An internal switch allows for easy selection among steady-burning, single or double flash mode. Each light will operate over a wide AC and DC input voltage range. The DC version is designed to operate from 10-36 VDC; the AC version from 85-265 VAC.

The compact 3000 family series are constructed to NEMA 4X standards and are marine-rated for use in salt water environments. Design features include housing made of die cast high strength copper-free aluminum alloy with baked powder epoxy finish, stainless steel hardware, o-ring sealed prestressed glass dome with double pitch acme threads for smooth assembly and ease of maintenance.



Ordering Information

Please specify LED colors and model number when ordering. Available colors are Amber, Blue, Green, Red, and White.

Model No.	Description	Voltage
3024XLF	flange mount, 3/4" hubs	12-36 VDC
3124XLF	flange mount, 3/4" hubs	120-240 VAC
3024XLP	pendant mount, 3/4" hubs	12-36 VDC
3124XLP	pendant mount, 3/4" hubs	120-240 VAC
3024XLW	wall mount, 3/4" hubs	12-36 VDC
3124XLW	wall mount, 3/4" hubs	120-240 VAC

Specifications

Item	Description
Lamp Type	LED
Flash Rate	80 Single Flash per minute 40 Double Flash per minute
Voltage and Amperage	170 mA @ 24 VDC Flashing; 500 mA Steady-burn 035 mA @ 120 VAC Flashing; 100 mA Steady-burn 020 mA @ 240 VAC Flashing; 050 mA Steady-burn
In-rush Current	1.5 Amps @ 24 VDC Flashing and Steady-burn 065 mA @ 120 VAC 125 mA @ 240 VAC
Operating Temperature	-55° C to 85° C
Temperature Code	T6 - All voltage and temperature ranges
Size and Weight	11.1" tall x 7.44" dia. x 12 lbs

Architect and Engineer Specifications

LED visual signaling beacon shall be Tomar model number series 3024 or 3124 or approved equal. The beacon shall be UL Listed Class I, Division 1, Groups C and D; Class II, Division 1, Groups E, F and G; and Class III for use in specified hazardous locations and /or combustible atmospheres as classified by the National Electric Code.

Operating voltage ranges shall be 10-36 VDC or 85-265 VAC. Operating temperature range shall be from -40 C to 85 C. Beacon shall have built-in selector switch to allow operation in Steady On, Single Flash, or Double Flash modes. Beacon must be rated NEMA 4X, with housing made of die cast high-strength copper-free aluminum alloy with baked powder epoxy finish, stainless steel hardware, O-ring sealed pre-stressed globe with double pitch acme threads for smooth assembly and ease of maintenance. The housing must be designed to accommodate a dome guard.

Available Options

Model No.	Description
EP-FM-1	Splice box with 1" hubs
EP-PM-1	Splice box with 1" hubs
EP-WM-1	Splice box with 1" hubs
BEPG	Guard