



7120BEP STROBE

Super Explosion Proof Warning Lights

- Double flash high intensity
- NEMA 4X
- Meets UL1203 & UL1638
- 24,000 hour strobe lamp
- Two year warranty on power supply
- One year warranty on lamp
- UL listed
- Marine rated
- Mount styles available – Pendant, Flange (Ceiling), or Wall mount

The model 7120BEP family is designed, tested, and certified for use in hazardous locations and hostile environments classified by the NEC as Class I, Div. 1 & 2, Groups C & D, Class II, Div. 1 & 2, Groups E, F, G, and Class III, Div. 1 & 2. They also meet NEMA standards 3, 4, 4X, 7CD, and 9EFG 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 a baked powder epoxy finish, stainless steel hardware, o-ring sealed pre-stressed glass globe with double pitch acme threads for smooth assembly and ease of maintenance, and an optional guard which need not be removed for re-lamping.

Lens Colors

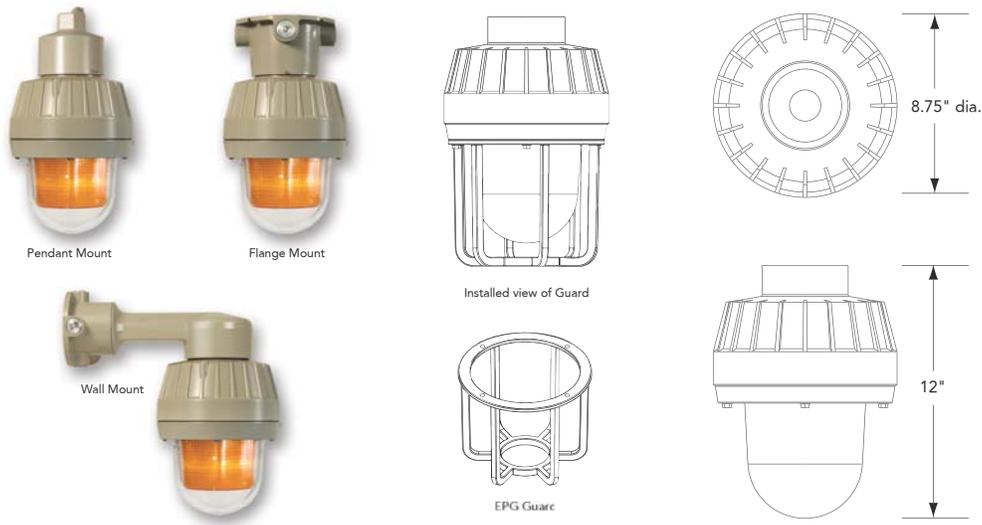


Ordering Information

Please specify lens colors and model number when ordering. Available colors are Amber, Blue, Clear, Green, Purple and Red.

Model No.	Description	Voltage
7120BEP-FM	flange mount, 3/4" hubs	120VAC
7120BEP-PM	pendant mount, 3/4" hubs	120VAC
7120BEP-WM	wall mount, 3/4" hubs	120VAC

7120BEP STROBE



Specifications

Item	Description
Lamp Type	6001 Xenon strobe lamp
Light Output	890 effective candlepower (ECP)*
Flash Rate	80 flashes per minute
Voltage and Amperage	120VAC 60 Hz draws 1.0A (1.7A max)
Power Supply Output 26 Watts	20 joules per flash. 2,000,000 Peak Candlepower**
Operating Temperature	-40° C to +65° C
Temperature Code	T6 - All voltage and temperature ranges
Size and Weight	12" tall x 8.75" dia. x 13 lbs

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
EPG	Guard

Architect and Engineer Specifications

Visual signaling beacon shall be TOMAR model number series 7120 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. The warning beacon shall have a 26 watt power supply and generate 20 joules per flash. Light intensity shall be 890 effective candlepower, and the light source shall be a plug-in field replaceable double-flash xenon strobe lamp operating at 80 flashes per minute. The warning signal must have built-in RFI filters to protect against radio interference and spike voltages. Beacon must have a voltage ranges shall be 120VAC. Strobe beacon must meet UL 1203, UL 1638 standards. 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. Must include a Lexan® inner lens and tempered glass outer dome. The housing must be designed to accommodate a dome guard.

*ECP (Effective Candlepower) is the intensity that would appear to an observer if the light were burning steadily.

**Peak Candlepower is the maximum light intensity generated by a flashing light during its light pulse.