



7024BEP STROBE

Super Explosion Proof Warning Lights

- Double flash high intensity
- NEMA 3R & 4
- Meets UL1203 & UL1638
- Built in Synchronizable flash
- Xenon strobe lamp
- Available in amber, blue, clear, green, and red
- Two year warranty on power supply
- One year warranty on lamp

The model 7024BEP 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, Hazardous Location Outdoors (NEMA 3R & 4). 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 prestressed glass globe with double pitch acme threads for smooth assembly and ease of maintenance, a flash synchronizing circuit, and an optional guard which need not be removed for re-lamping.

Lens Colors

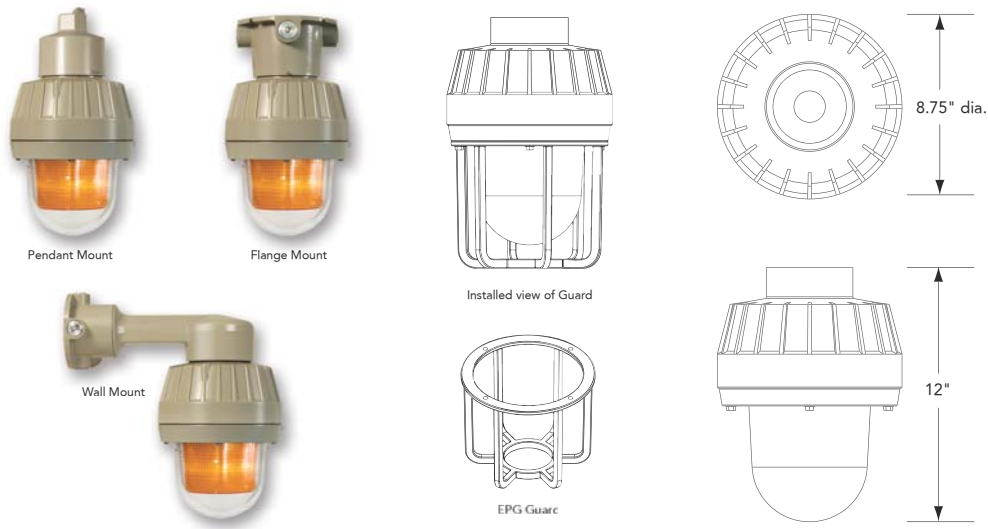


Ordering Information

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

Model No.	Description	Voltage
7024BEP-PM-X	pendant mount, 3/4" hubs	24VDC
7024BEP-FM-X	flange mount, 3/4" hubs	24VDC
7024BEP-WM-X	wall mount, 3/4" hubs	24VDC

7024XS STROBE



Synchronizing Specifications

Synchronizing Circuit Connection:

This is a low voltage, low power customer connection which requires one 22ga twisted pair run between each light. Max length between furthest lights 3000 feet. Up to 100 lights of different voltages can be synchronized.

Synchronizing Circuit Features:

Each light contains its own flash rate timing circuit which operates the lamp automatically and a bi-directional synchronizing circuit which overrides the internal timing circuit when connected to another light. When two or more lamps are synchronized together, failure of any lamp will not prevent other lamps from operating. Lights may be operated from different power sources, that is, a 120AC unit may be synchronized with a 24VDC unit.

Specifications

Item	Description
Lamp Type	6001 Xenon strobe lamp
Light Output	890 effective candlepower (ECP)*
Flash Rate	60 flashes per minute
Voltage and Amperage	24VDC draws 1.5A average and 9A max
Inrush Current	3A max
Power Supply Output	20 joules
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 7024BEP 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 60 flashes per minute. The warning signal must have built-in RFI filters to protect against radio interference and spike voltages. Beacon must have a built-in flash synchronizing circuit, and voltage range shall be 24VDC. Strobe beacon must meet UL 1203, and 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.