

# ALARMS & INDICATION



## XTRA-BRITE LED FLASHING/STEADY FOR HAZARDOUS VISUAL BEACON 107XBR SERIES

### DESCRIPTION

The Edwards Signaling 107XBR Series hazardous location XTRA-BRITE™ LED visual signals are NEMA Type 3R and Type 4 heavy-duty visual signals designed for indoor or outdoor applications. The units are available in 24 VDC or 120 VAC and are field configurable for steady-on or flashing (65 fpm). The inner, double fresnel lens is made of a high grade polycarbonate and is designed to magnify the super-bright LEDs inside. A clear, outer, impact-resistant glass globe also covers the lens and an optional dome guard fits over the glass dome to protect it against accidental impacts with machinery or falling objects. The 107XBR has three different mounting configurations including the pendant mount, bracket mount and ceiling mount and can be mounted on 3/4" NPT threaded conduit. The 107XBR is designed for applications such as petroleum refineries, utility gas plants, dry cleaning plants, fuel servicing areas and other similar applications.

### FEATURES

- Available in 24VDC or 120VAC
- Five lens colors
- Steady-on or flashing in every unit
- 3/4" NPT threaded conduit
- High level of immunity to shock and vibration
- Three mounting options: pendant, bracket or ceiling
- UL Listed for Class I, Division 2, Groups A, B, C, D; Class II, Division 1, Groups E, F, G; Class II, Division 2, Groups F & G and Class III, Division 1 locations
- UL and cUL Listed for Marine environments (120VAC only)

### SPECIFICATIONS

<b>Supply Voltage</b>	
107XBRxMx24D	24 VDC, 220 mA
107XBRxMx120A	120 VAC, 60Hz, 115mA
<b>Color</b>	Amber, Blue, Green, Red, Clear
<b>Flash Mode</b>	Steady on or flashing (65 FPM) field configurable by wiring
<b>Project LED Life</b>	148,000 hours
<b>Mounting</b>	Bracket mount, pendant mount, ceiling mount
<b>Operating Temperature</b>	See Table on next page
<b>Enclosure Rating</b>	NEMA 3R and NEMA 4
<b>Dimensions</b>	7" X 10.13" (178 x 260 mm)
<b>Weight</b>	
107XBRBMx	10.87 lb (4.93 Kg)
107XBRCMx	9.87 lb (4.47 Kg)
107XBRPMx	8.97 lb (4.06 Kg)
<b>Approvals</b>	UL Listed
<b>Warranty</b>	1.5 years

\* Class II and Class III only apply to the pendant mount versions with clear globes.

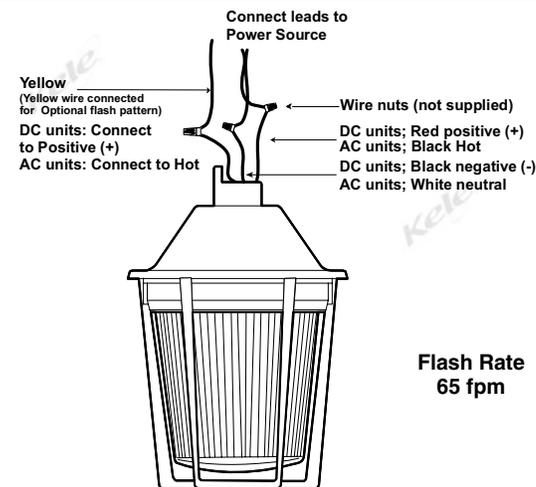
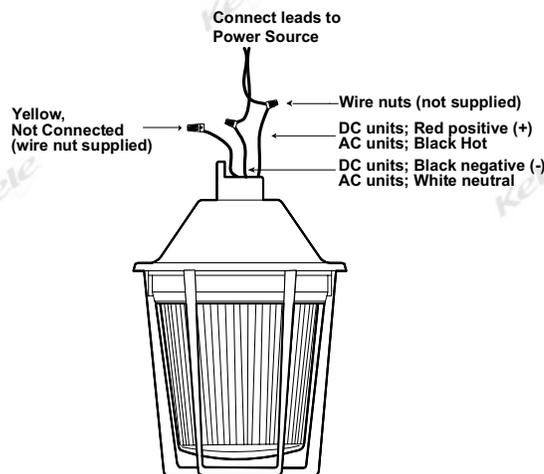
\*\* Marine Rating applies to UL listing only.

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### WIRING



Flash Rate  
65 fpm



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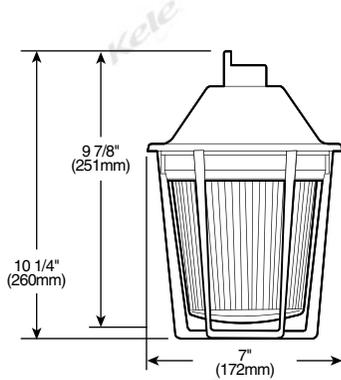
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### OPERATING TEMPERATURE CODES

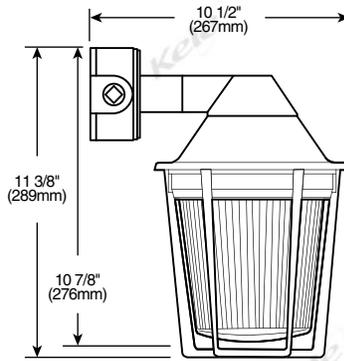
Ambient temperature	Class I, Div. 2 Groups A, B, C, D	Class II, Div. 2 Groups F, G; Class III, Div. 2	Class II, Div. 1 Groups E, F, G; Class III, Div. 1
40°C	135°C (T4)	85°C (T6)	85°C (T6)
55°C	135°C (T4)	85°C (T6)	85°C (T6)
65°C	135°C (T4)	85°C (T6)	85°C (T6)

Note: Class II and Class III only apply to the pendant mount versions with clear globes.

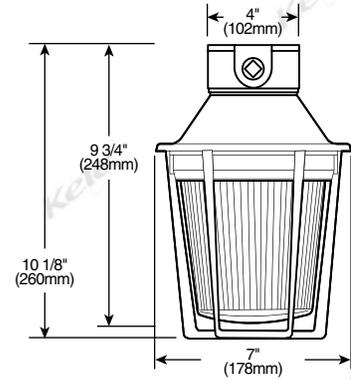
### DIMENSIONS



Pendant Mounting



Bracket Mounting



Ceiling Mounting

### ORDERING INFORMATION

MODEL	DESCRIPTION
107XBR	Hazardous Location LED Beacon with Clear Glass Globe (No Dome Guard)
	<b>MOUNTING</b>
<b>PM</b>	Pendant
<b>BM</b>	Bracket
<b>CM</b>	Ceiling
	<b>COLOR</b>
<b>A</b>	Amber
<b>B</b>	Blue
<b>G</b>	Green
<b>R</b>	Red
<b>W</b>	White
	<b>SUPPLY VOLTAGE</b>
<b>24D</b>	24V DC
<b>120A</b>	120V AC @ 60 Hz

107XBR - BM - W - 120A Example: 107XBRBMW120A Hazardous Location LED Beacon with bracket mounting, white LED, and 120V AC @ 60 Hz

### ACCESSORIES

EDVPGU1

Optional Dome Guard