

# Beacons

## Multi-Mode LED

### 48XBR Series



Edwards 48XBR Series XTRA-BRITE™ LED beacons are multi-mode signaling devices, available in steady-on with the built-in option of switching to flashing mode via dipswitch. These signals are suitable for use in indoor and outdoor applications or applications where a NEMA Type 4X enclosure is required. The base is manufactured from a polycarbonate/ABS blend, and the lens is made of shatter resistant polycarbonate. The unit can be panel or conduit mounted.

### Features and Specifications

- Multi-mode (flashing or steady-on)
- LED light source
- Flash rate 65 fpm
- Available in gray
- Suitable for use in indoor and outdoor applications
- Option for panel or conduit mounting
- NEMA Type 4X enclosure
- Operating temperature range: -31°F to 150°F (-35°C to 66°C)



4.28"



### Ordering Information

| Description                    | Cat. No. <sup>1</sup> | Operating Voltage <sup>2</sup> | Current | LED Colors | Projected LED Life (L70) <sup>3</sup> | Replacement Lens |
|--------------------------------|-----------------------|--------------------------------|---------|------------|---------------------------------------|------------------|
| Multi-mode Beacon<br>LED<br>AC | 48XBRMA120A           | 120V AC                        | 0.108 A | Amber      | 148,000 hours                         | 96-LA            |
|                                | 48XBRMB120A           | 120V AC                        | 0.108 A | Blue       | 148,000 hours                         | 96-LB            |
|                                | 48XB RMG120A          | 120V AC                        | 0.108 A | Green      | 148,000 hours                         | 96-LG            |
|                                | 48XB RMR120A          | 120V AC                        | 0.108 A | Red        | 148,000 hours                         | 96-LR            |
|                                | 48XB RMW120A          | 120V AC                        | 0.108 A | White      | 148,000 hours                         | 96-LC            |
| Multi-mode Beacon<br>LED<br>DC | 48XBRMA24D            | 24V DC                         | 0.215 A | Amber      | 148,000 hours                         | 96-LA            |
|                                | 48XBRMB24D            | 24V DC                         | 0.215 A | Blue       | 148,000 hours                         | 96-LB            |
|                                | 48XB RMG24D           | 24V DC                         | 0.215 A | Green      | 148,000 hours                         | 96-LG            |
|                                | 48XB RMR24D           | 24V DC                         | 0.215 A | Red        | 148,000 hours                         | 96-LR            |
|                                | 48XB RMW24D           | 24V DC                         | 0.215 A | White      | 148,000 hours                         | 96-LC            |

<sup>1</sup>DC models provided w/surface mount kit

<sup>2</sup>AC voltage frequency is 50/60 Hz

<sup>3</sup>LED Manufacturer's Median Projected LED Life for LUXEON Rebel LEDs (L70 at 85°C and T<sub>junction</sub> 98°C). Actual LED life will vary inversely with ambient temperature, voltage, driver current, junction temperature and duty-cycle at which the signaling device is operated. Please refer to <http://www.philipslumileds.com/pdfs/WP15.pdf>.

### Accessories

| Description  | Cat. No. |
|--|----------|
| Gasket Kit suitable for outdoor surface installation – AC models | GSK-KIT  |
| Corner Mount Bracket   | CBR      |
| Wall Mount Bracket   | WBR      |



GSK-KIT  
Gasket Kit



CBR  
Corner Mount Bracket



WBR  
Wall Mount Bracket



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#### Signal Input Load Characteristics

These devices may be operated by PLCs with output characteristics that match the input load requirements of the signal.

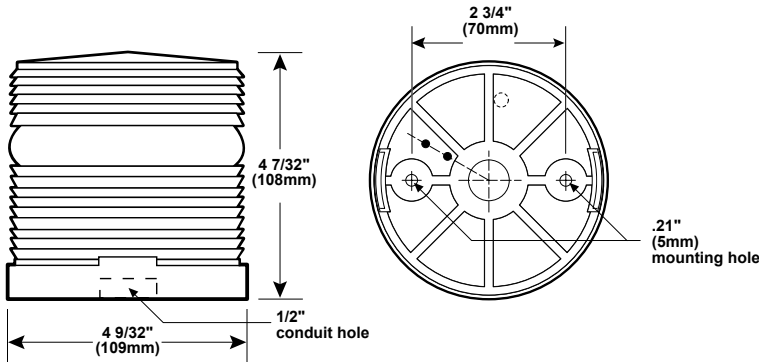
| Cat. No.    | Operating Voltage | Max. Off State Leakage Current (A) | Continuous On Current (A) | Surge (inrush / duration) |
|-------------|-------------------|------------------------------------|---------------------------|---------------------------|
| 48XBRM*24D  | 24V DC            | 0.005                              | 0.215                     | 34.5 A / 52 microseconds  |
| 48XBRM*120A | 120V AC 60 Hz     | 0.005                              | 0.108                     | 37.5 A / 164 microseconds |

\*Letter in this position designates LED color: A - amber, B - blue, G - green, R - red, or W - white

#### Weights and Dimensions

| Cat. No.    | Approx. Net Weight (lb.) | Approx. Shipping Weight (lb.) |
|-------------|--------------------------|-------------------------------|
| 48XBRM*120A | 1.20                     | 1.40                          |
| 48XBRM*24D  | 1.20                     | 1.40                          |
| GSK-KIT     | 0.70                     | 1.00                          |
| CBR         | 4.00                     | 4.20                          |
| WBR         | 2.30                     | 2.50                          |

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Use Cat. No. GSK-KIT gasket kit suitable for outdoor surface mount installation on AC units