The 2000 Series Model LED is a visual signal warning light for use in hazardous locations requiring ATEX approval. The beacon can produce three light patterns: steady-on, slow flash or rapid flash.

The 2000 Series LED beacon is sealed from dust and water by a nitrile rubber o-ring. All exterior cast aluminum surfaces are finished in powder coat paint and external hardware is manufactured from stainless steel to resist corrosion. Available signal colors are Amber, Blue, Clear, Green, Red and Yellow.

The 2000 Series LED beacon is externally powered by 24VDC or 110-240VAC source. All AC powered units feature a switch mode power supply that accommodates a wide input voltage range without requiring any additional configuration from the user. PLC initiation is compatible without the use of an external relay. Screw type terminal blocks are provided for field wiring on all units.

All variations of the 2000 Series LED beacon feature a four entry fixture to allow cable looping. These cable entries are metric (M20 X 1.5) but other configurations are available upon request.

- 3 remotely selectable flash patterns
- 50,000 hour lamp life
- Six lamp/lens colors: Amber, Blue, Clear, Green, Red and Yellow
- Ex ’e’ terminal chamber available
- AC and DC voltage ranges

<table>
<thead>
<tr>
<th>MODEL</th>
<th>VOLTAGE</th>
<th>OPERATING CURRENT</th>
<th>FLASH RATE/ MINUTE</th>
<th>MAXIMUM IN-RUSH CURRENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000 Series LED</td>
<td>24VDC</td>
<td>0.50 amps</td>
<td>60-80</td>
<td>1.75A for 5.00mS</td>
</tr>
<tr>
<td></td>
<td>110VAC</td>
<td>0.22 amps</td>
<td>60-80</td>
<td>2.00A for 0.25mS</td>
</tr>
<tr>
<td></td>
<td>240VAC</td>
<td>0.13 amps</td>
<td>60-80</td>
<td>2.00A for 0.25mS</td>
</tr>
</tbody>
</table>
Flameproof LED Warning Light (2000 Series LED)

**SPECIFICATIONS**

- **Lamp Life:** 50,000 Hours
- **Light Source:** LED
- **Light Output:**
  - Amber: 113 cd
  - Blue: 12 cd
  - Clear: 90 cd
  - Green: 66 cd
  - Yellow: 60 cd
  - Red: 63 cd
- **Operating Temperature:** -40°F to 131°F / -40°C to 55°C
- **Net Weight:**
  - Ex d: 13.23 lbs / 6.0 kg
  - Ex de: 15.43 lbs / 7.0 kg
- **Shipping Weight:** 16.5 lbs / 7.5 kg
- **Dimensions:**
  - Height: 9.84” / 249.9 mm
  - Width: 10.04” / 255.0 mm
  - Length: 8.23” / 209.0 mm

**HOW TO ORDER**

- **TYPE:** LED
- **DE:** Ex de
- **U:** None
- **N:** None
- **A:** None
- **COLOR:**
  - A: Amber
  - B: Blue
  - C: Clear
  - G: Green
  - R: Red
  - Y: Yellow
- **VOLTAGES ±10%:**
  - B (24VDC)
  - U (110-240VAC 50/60 Hz)
- **Terminals:**
  - Ex d IIB T4 Ex tD A21
  - Ex de IIB T4 Ex tD A21
  - 4 way block mounted PCB
  - 12 way block in terminal chamber
  - 4 entries - M20 x 1.5
  - 4 entries - M20 x 1.5
- **Body:** Marine Grade Alloy painted Regal Red
- **Exterior dome:** Toughened glass
- **Guard:** 316 stainless steel
- **Ingress Protection:** IP66

**ATEX Certificate Number:** Baseefa 07ATEX0150

**IECEx Certificate Number:** IECEx BAS 07.0038

**Certification Marking:**

- Ex d IIB T4 Ex tD A21
- Ex de IIB T4 Ex tD A21

**Terminals:**

- Ex d: 4 way block mounted PCB
- Ex de: 12 way block in terminal chamber
- Ex d: 4 entries - M20 x 1.5
- Ex de: 4 entries - M20 x 1.5

**Mounting:**

- Via fixed cast lugs at two mounting points

**Body:** Marine Grade Alloy painted Regal Red

**Exterior dome:** Toughened glass

**Guard:** 316 stainless steel

**Ingress Protection:** IP66