

## Hazardous Location, Weatherproof



### Features

- UL listed for USA and Canada:
  - Class I, Div 2, Groups C & D.
  - Class I, Zone 1, AExd IIB T4/T5.
- ATEX approved.
- NEMA 4x and 6, IP66 and IP67.
- Certified temperature:  $-67^{\circ}\text{F}$  to  $+131^{\circ}\text{F}$ \*,  
 $-55^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ .
- Filament: FB11 – 10W.  
FB12 – 60W.
- Corrosion resistant GRP.
- Optional stainless steel backstrap.
- Various lens colours.
- Optional lens guard.

\*Model dependent.

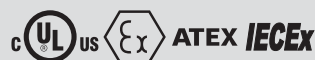
### Introduction

These certified steady lights have been designed for use in potentially explosive atmospheres and harsh environmental conditions. The enclosures are suitable for use offshore or onshore, where lightweight combined with corrosion resistance is required.

The housing is manufactured completely from a U.V. stable, glass reinforced polyester. Stainless steel screws and mounting bracket are available ensuring a totally corrosion free product.

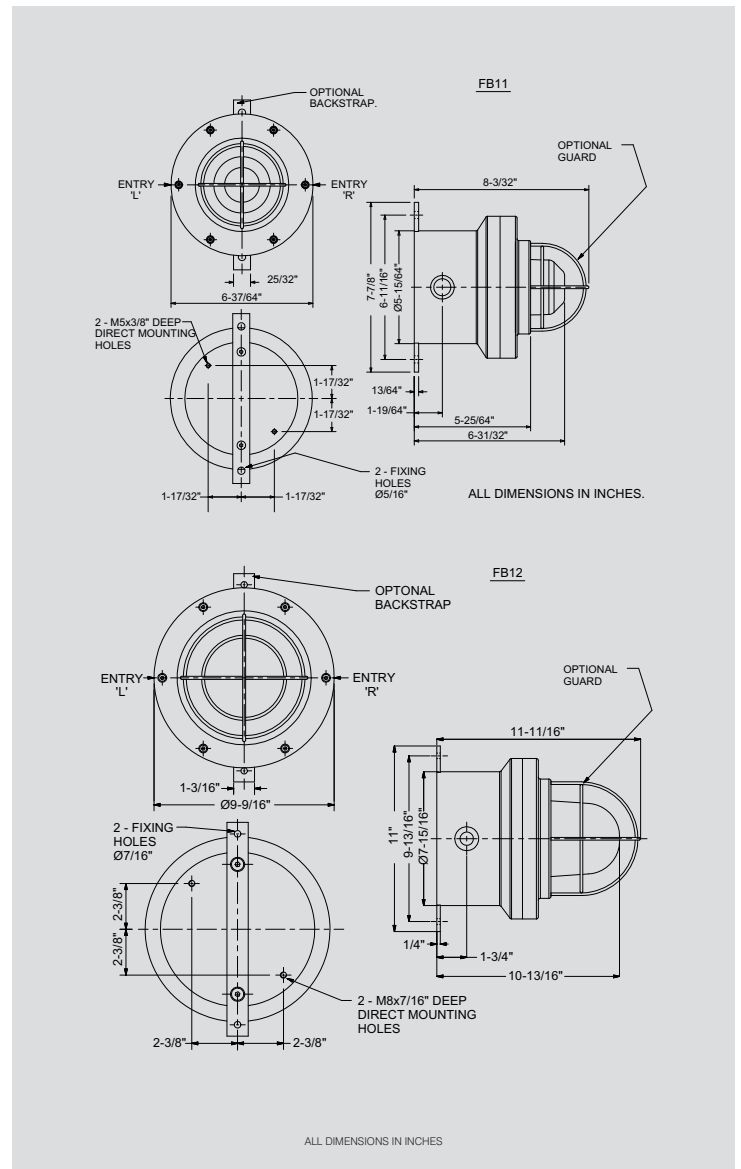
Units can be painted to customer specification and supplied with identification labels.

*European and other world wide approvals are available, refer to main section of catalogue.*



# Certification and Specification

<b>Model:</b>	FB11 & FB12 – Filament.
<b>Certification:</b>	UL listed for USA and Canada. – Class I, Div 2, Groups C & D. – Class I, Zone 1, AExd IIB T4/T5. UL listing No. E187894.
<b>Material:</b>	Body: – Glass reinforced polyester. Lens: – Glass. Cover screws + backstrap: – stainless steel 316.
<b>Finish:</b>	Natural black or painted to customer specification.
<b>Voltage:</b>	FB11 – 24, 48V d.c. 110, 220, 240, 250V a.c. FB12 – 120V a.c., 24V d.c.
<b>Filament:</b>	FB11 – 10W filament fitted as standard. FB12 – 60W filament fitted as standard.
<b>Certified Temp:</b>	FB11: –67°F to +131°F (–55°C to +55°C) T4. –67°F to +104°F (–55°C to +40°C) T5. FB12: –67°F to +131°F (–55°C to +55°C) T4. –67°F to +104°F (–55°C to +40°C) T5.
<b>Weight:</b>	FB11: 6.2lb/2.8kg. FB12: 16.7lb/7.6kg.
<b>Ingress Protection:</b>	NEMA 4x & 6, IP66 & IP67.
<b>Entries:</b>	2 x 1/2" NPT.
<b>Terminals:</b>	FB11 – 6 x 14 AWG. FB12 – 6 x 10 AWG.



## Ordering Requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.

<b>Model</b>	<b>Voltage</b>	<b>Lamp Wattage</b>	<b>Lens Colour</b>	<b>Lens Guard</b>	<b>Fixing</b>	<b>Earth Continuity</b>	<b>Tag/Duty</b>	<b>Finish</b>																																																																					
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<b>FB11UL</b> <b>FB12UL</b>	<table border="1"> <tr><th>Voltage</th><th>Code</th></tr> <tr><td>24V d.c.</td><td>024</td></tr> <tr><td>48V d.c.</td><td>048*</td></tr> <tr><td>110V a.c.</td><td>110*</td></tr> <tr><td>120V a.c.</td><td>120†</td></tr> <tr><td>220V a.c.</td><td>220*</td></tr> <tr><td>240V a.c.</td><td>240*</td></tr> <tr><td>254V a.c.</td><td>254*</td></tr> </table>	Voltage	Code	24V d.c.	024	48V d.c.	048*	110V a.c.	110*	120V a.c.	120†	220V a.c.	220*	240V a.c.	240*	254V a.c.	254*	<table border="1"> <tr><th>Wattage</th><th>Code</th></tr> <tr><td>FB11 10W</td><td>10</td></tr> <tr><td>FB12 60W</td><td>60</td></tr> <tr><td>FB12 100W</td><td>100</td></tr> </table>	Wattage	Code	FB11 10W	10	FB12 60W	60	FB12 100W	100	<table border="1"> <tr><th>Colour</th><th>Code</th></tr> <tr><td>Red</td><td>R</td></tr> <tr><td>Blue</td><td>B</td></tr> <tr><td>Green</td><td>G</td></tr> <tr><td>Amber</td><td>A</td></tr> <tr><td>Yellow</td><td>Y</td></tr> <tr><td>Clear</td><td>C</td></tr> </table>	Colour	Code	Red	R	Blue	B	Green	G	Amber	A	Yellow	Y	Clear	C	<table border="1"> <tr><th>Guard</th><th>Code</th></tr> <tr><td>None</td><td>N</td></tr> <tr><td>Yes</td><td>Y</td></tr> </table>	Guard	Code	None	N	Yes	Y	<table border="1"> <tr><th>Fixing</th><th>Code</th></tr> <tr><td>Direct Mounting with Backstrap</td><td>B</td></tr> </table>	Fixing	Code	Direct Mounting with Backstrap	B	<table border="1"> <tr><th>Label</th><th>Code</th></tr> <tr><td>None</td><td>N</td></tr> <tr><td>Yes</td><td>Y*</td></tr> </table>	Label	Code	None	N	Yes	Y*	<table border="1"> <tr><th>Finish</th><th>Code</th></tr> <tr><td>Natural Black</td><td>N</td></tr> <tr><td>Red</td><td>R</td></tr> <tr><td>Blue</td><td>B</td></tr> <tr><td>Yellow</td><td>Y</td></tr> <tr><td>Gray</td><td>G</td></tr> <tr><td>White</td><td>W</td></tr> <tr><td>Special</td><td>S*</td></tr> </table>	Finish	Code	Natural Black	N	Red	R	Blue	B	Yellow	Y	Gray	G	White	W	Special	S*
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To order ATEX approved version, see European data sheet.