

STEADY LIGHTS

Hazardous Location, Weatherproof FB11 & FB12 Ranges



FB11



FB12

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 light weight 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 worldwide approvals are available, refer to main section of catalog.

- ★ 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°F to $+131^{\circ}\text{F}^*$.
 -55°C to $+55^{\circ}\text{C}$.
- ★ Filament: FB11 – 10W.
FB12 – 60W.
- ★ Corrosion resistant GRP.
- ★ Optional stainless steel backstrap.
- ★ Various lens colors.
- ★ Optional lens guard.
- *Model dependent.

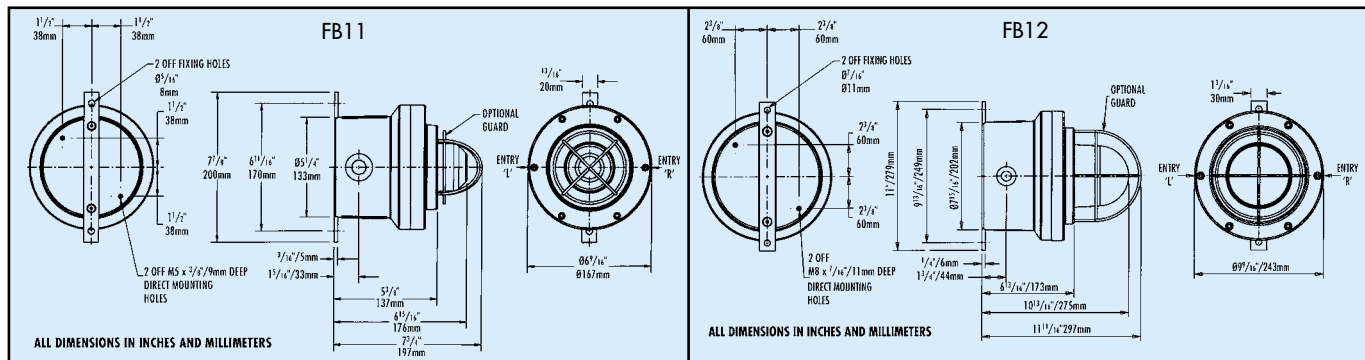
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Specification

Models:	FB11 & FB12 – Filament.
Certification:	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. ATEX approved: CENELEC EN50014 and EN50018. FB11 Cert. No. 99 ATEX 2195X. FB12 Cert. No. 99 ATEX 2196.
Voltage:	FB11 – 24, 48V d.c. 110, 220, 240, 250V a.c. FB12 – 120V a.c., 24V d.c.
Filament:	FB11 – 10W filament fitted as standard. FB12 – 60W filament fitted as standard.
Material:	Body: – Glass reinforced polyester. Lens: – Glass Cover screws + backstrap: – stainless steel 316.

Finish:	Natural black or painted to customer specification.
Ingress Protection:	NEMA 4x & 6, IP66 & IP67.
Terminals:	FB11 – 6 x 14 AWG. FB12 – 6 x 10 AWG.
Labels:	Duty/Tag Label optional.
Entries:	2 x 1/2" NPT.
Certified Temperature:	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.
Weight:	FB11: 6.2lb / 2.8kg. FB12: 16.7lb / 7.6kg.

Ordering Requirements

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

Model	Voltage	Lamp Wattage	Lens Color	Lens Guard	Unit Fixing	Earth Continuity	Tag/Duty Label	Unit Finish
FB11UL FB12UL		Wattage Code FB11 10W 10 FB12 60W 60 FB12 100W 100	Color Code Red R Blue B Green G Amber A Yellow Y Clear C	Guard Code None N Yes Y	Unit Fixing Code Direct Mounting D Backstrap B	Continuity Code None N	Label Code None N Yes Y (Please specify)	Finish Code Natural Black N Red R Blue B Yellow Y Grey G White W Special Finish S

*FB11 only
†FB12 only

To order ATEX approved version, see European data sheet.



All the above specifications, dimensions, weights and tolerances are nominal (typical) and MEDC reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.