

STEADY BURNING LIGHTS

Hazardous Locations, Weatherproof

FB15 Range



FB15
Direct Mount
(with backstrap
& wire guard)



FB15 Pipe Mount (with cast guard)

Introduction

These listed 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 housings are 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
 - Hazardous locations:
 - Class I, Div. 2, Groups A, B, C & D.
 - Class I, Zone 1, AExd IIC T3/T4*.
 - Ordinary locations: Visual-Signal Device.
- ★ CSFM approved.
- ★ ATEX approved.
- ★ NEMA 4x and 6, IP66 & 67.
- ★ Certified temperature –67°F to +158°F.
–55°C to +70°C*.
- ★ Pipe mount or direct mount enclosure.
- ★ Corrosion-free GRP.
- ★ 60W or 100W filament lamp.
- ★ Optional stainless steel backstrap (direct mount version only).
- ★ Various lens colors.
- ★ Optional cast or wire lens guard.
- ★ Up to 3 x 3/4" NPT entries.

*Version dependent.

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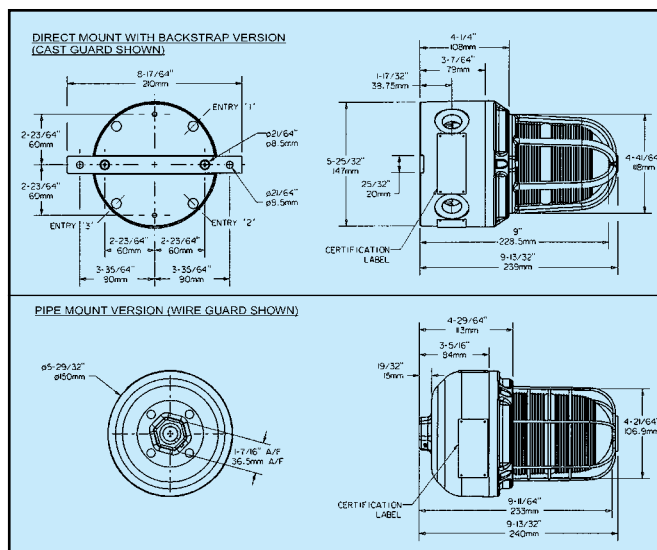


Specification

Certification: UL Listed for USA and Canada:

- Hazardous locations
 - Class I, Div 2, groups A, B, C & D.
 - Class 1, Zone 1, AExd IIC T3/T4.
- UL listing No. E187894.
- Ordinary locations: Visual Signal Device.
- UL listing No. S8128
- CENELEC/ATEX approved.
- CENELEC EN50014 & EN50018
- ATEX Cert. No. Baseefa 04ATEX0009X.

Material:	Body: Glass reinforced polyester. Lens: Glass. Backstrap: stainless steel 316. Wire Guard (optional): Stainless steel wire. Cast Guard (optional): Aluminium LM25M.
Finish:	Natural black or epoxy painted to customer specification.
Voltage:	24, 48V d.c. 110, 120, 230, 240, 254V a.c.
Lamp Type:	60W or 100W GLS filament.
Lamp Holder:	E27 as standard..
Certified Temperature:	60W: -67°F to +131°F (-55°C to +55°C) T4. -67°F to +158°F (-55°C to +70°C) T3. 100W: -67°F to +104°F (-55°C to +40°C) T3.
Weight:	Pipe mount: 5¾lb/2.6kg; Direct mount: 6½lb/3.0kg.
Ingress Protection:	NEMA 4x & 6, IP66 & IP67.
Entries:	Supplied as 2 x ¾" NPT (direct mount) or ¾" (pipe mount) as standard. Other options available: Up to 3 x ½" NPT or 3 x ¾" NPT (direct mount); ½" NPT (pipe mount) – contact sales office to order.
Terminals:	Direct mount: 12 x 14AWG. Pipe mount: 8 x 14AWG.
Labels:	Tag/Duty label option.



Electrical Ratings:

	d.c		a.c				
Voltage	24	48	110	120	230	240	254
Current (A) – 60W lamp	2.5	1.25	0.55	0.50	0.26	0.25	0.24
Current (A) - 100W lamp	4.2	2.1	0.91	0.83	0.43	0.42	0.39

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. **Standard products available for immediate shipping – contact sales office for details.**

Model	Certification	Voltage	Lamp Wattage	Lens Color	Unit Guard	Fixing	Unit Options	Finish
FB15								

Certification	Code	Voltage	Code	Lamp Wattage	Code	Guard	Code	Option	Code
UL	UL	24V d.c.	024	60	60	None	N	None	N
UL (ordinary location)	UW	48V d.c.	048	100	100	Cast	C	Tag label	T
		110V a.c.	110			Wire	W	Duty label	D
		120V a.c.	120					Blanking Plug	P
		230V a.c.	230						
		240V a.c.	240						
		254Va.c.	254						

Color	Code	Unit Fixing	Code	Finish	Code
Red	R	Pipe mount	P†	Natural Black	N
Blue	B	Direct mount	D†	Red	R
Green	G	Direct w/backstrap	B†	Blue	B
Amber	A			Yellow	Y
Yellow	Y			Green	G
Clear	C			White	W
				Special Finish	S

†For ½" NPT version contact MEDC.



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.