

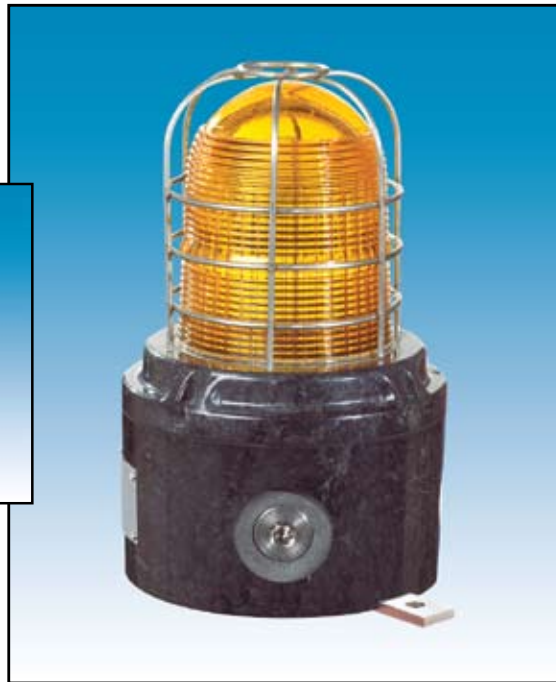
STEADY BEACONS

EExd, Weatherproof

FB15 Range



FB15
Pipe Mount
Note: UL only
(with cast guard)



FB15 Direct Mount (with backstrap & wire guard)

Introduction

These certified steady beacons 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 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.

- ★ Zone 1 and Zone 2 use.
- ★ EExd IIC T3/T4.
- ★ ATEX approved, Ex II 2GD.
- ★ 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.
- ★ GOST 'R' Certified.
- ★ Brazilian (Inmetro) certified.
- ★ IEC-Ex Approved.
- ★ Certified temperature -55°C to $+70^{\circ}\text{C}$.
- ★ Pipe mount or direct mount enclosure.
- ★ Corrosion-free GRP.
- ★ 60W or 100W filament bulb.
- ★ Optional stainless steel backstrap.
- ★ Various lens colours.
- ★ Optional cast or wire lens guard.
- ★ Up to 3 x M20 or 3 x M25 entries.

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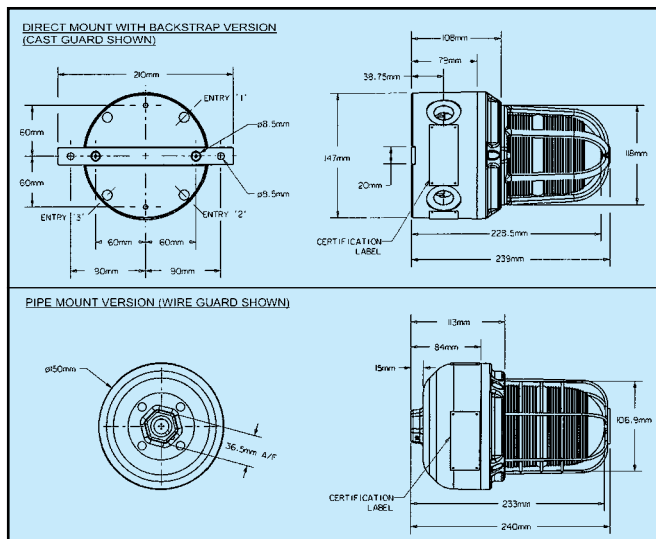


Specification

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 EN50014 & EN50018
 - Cert. No. Baseefa04ATEX0009X. BASEEFA EExd IIC T3/T4.
 - Brazilian (Inmetro) Certified: BR-Ex d IIC T3/T4/T5/T6
 - GOST 'R' Certification: 1 Exd IIC T3/T4/T5/T6
 - IEC-Ex Approved.

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.
Models:	FB15 ATEX – Available in direct mount version only. FB15 UL – Available in pipe and direct mount versions.
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: -55°C to +55°C (T4). -55°C to +70°C (T3). 100W: -55°C to +40°C (T3).
Weight:	Pipe mount: 2.6kg; Direct mount: 3.0kg.
Ingress Protection:	IP66 & IP67.
Entries:	ATEX version: Supplied as 2 x M20 entries as standard – Up to 3 x M20 or 3 x M25 entries. Contact sales office to order. UL version: 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 2.5mm².
Pipe mount: 8 x 2.5mm².

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
ATEX	B	24V d.c.	024	60	60	None	N	None	N
UL	UL	48V d.c.	048	100	100	Cast	C	Tag label	T
UL (ordinary location)	UW	110V a.c.	110			Wire	W	Duty label	D
GOST 'R'	G	120V a.c.	120					Blanking Plug	P
Inmetro	DM	230V a.c.	230						
IEC-Ex	J	240V a.c.	240						
		254V a.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

*Only available on UL Listings.
MEDC if ½" NPT is required for UL version.



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.