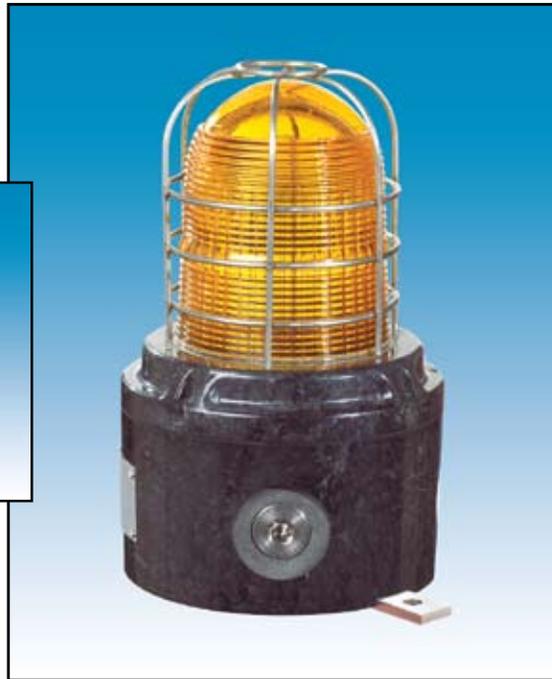


STEADY BEACONS EExd, Weatherproof FB15 Range



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 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.

- ★ 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.

MEDC Ltd, Colliery Road,
Pinxton, Nottingham NG16 6JF, UK.
Tel: +44 (0)1773 864100
Fax: +44 (0)1773 582800

MEDC International, 5829 West Sam Houston Parkway,
North, Suite 1005, Houston, Texas 77041, USA.
Tel: +1 (713) 937 9772
Fax: +1 (713) 937 9773

MEDC Norway, Auglaendsmyraa 6,
4016, Stavanger, Norge.
Tel: +47 913 92 289
Fax: +47 914 46 030

Sales Enq. Fax: +44 (0)1773 582830 Sales Orders Fax: +44 (0)1773 582832
E-Mail: sales@medc.com Web: www.medc.com



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.

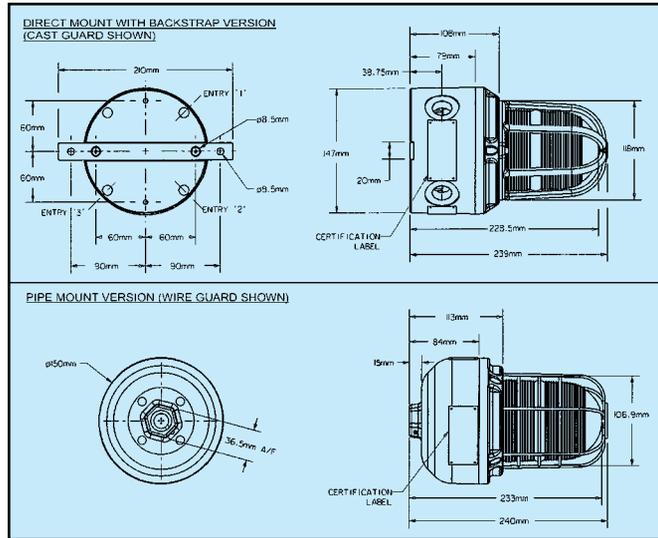
Lamp Holder: E27 as standard..

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																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Certification</th> <th>Code</th> </tr> </thead> <tbody> <tr><td>ATEX</td><td>B</td></tr> <tr><td>UL</td><td>UL</td></tr> <tr><td>UL (ordinary location)</td><td>UW</td></tr> <tr><td>GOST 'R'</td><td>G</td></tr> <tr><td>Inmetro</td><td>DM</td></tr> <tr><td>IEC-Ex</td><td>J</td></tr> </tbody> </table>		Certification	Code	ATEX	B	UL	UL	UL (ordinary location)	UW	GOST 'R'	G	Inmetro	DM	IEC-Ex	J	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Voltage</th> <th>Code</th> </tr> </thead> <tbody> <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>230V a.c.</td><td>230</td></tr> <tr><td>240V a.c.</td><td>240</td></tr> <tr><td>254Va.c.</td><td>254</td></tr> </tbody> </table>		Voltage	Code	24V d.c.	024	48V d.c.	048	110V a.c.	110	120V a.c.	120	230V a.c.	230	240V a.c.	240	254Va.c.	254	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Lamp Wattage</th> <th>Code</th> </tr> </thead> <tbody> <tr><td>60</td><td>60</td></tr> <tr><td>100</td><td>100</td></tr> </tbody> </table>		Lamp Wattage	Code	60	60	100	100	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Guard</th> <th>Code</th> </tr> </thead> <tbody> <tr><td>None</td><td>N</td></tr> <tr><td>Cast</td><td>C</td></tr> <tr><td>Wire</td><td>W</td></tr> </tbody> </table>		Guard	Code	None	N	Cast	C	Wire	W	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Option</th> <th>Code</th> </tr> </thead> <tbody> <tr><td>None</td><td>N</td></tr> <tr><td>Tag label</td><td>T</td></tr> <tr><td>Duty label</td><td>D</td></tr> <tr><td>Blanking Plug</td><td>P</td></tr> </tbody> </table>		Option	Code	None	N	Tag label	T	Duty label	D	Blanking Plug	P
Certification	Code																																																														
ATEX	B																																																														
UL	UL																																																														
UL (ordinary location)	UW																																																														
GOST 'R'	G																																																														
Inmetro	DM																																																														
IEC-Ex	J																																																														
Voltage	Code																																																														
24V d.c.	024																																																														
48V d.c.	048																																																														
110V a.c.	110																																																														
120V a.c.	120																																																														
230V a.c.	230																																																														
240V a.c.	240																																																														
254Va.c.	254																																																														
Lamp Wattage	Code																																																														
60	60																																																														
100	100																																																														
Guard	Code																																																														
None	N																																																														
Cast	C																																																														
Wire	W																																																														
Option	Code																																																														
None	N																																																														
Tag label	T																																																														
Duty label	D																																																														
Blanking Plug	P																																																														
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Color</th> <th>Code</th> </tr> </thead> <tbody> <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> </tbody> </table>		Color	Code	Red	R	Blue	B	Green	G	Amber	A	Yellow	Y	Clear	C	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Unit Fixing</th> <th>Code</th> </tr> </thead> <tbody> <tr><td>Pipe mount</td><td>P*†</td></tr> <tr><td>Direct mount</td><td>D†</td></tr> <tr><td>Direct w/backstrap</td><td>B†</td></tr> </tbody> </table> <p>*Only available on UL Listings. MEDC if ½" NPT is required for UL version.</p>		Unit Fixing	Code	Pipe mount	P*†	Direct mount	D†	Direct w/backstrap	B†	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <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>Green</td><td>G</td></tr> <tr><td>White</td><td>W</td></tr> <tr><td>Special Finish</td><td>S</td></tr> </tbody> </table>		Finish	Code	Natural Black	N	Red	R	Blue	B	Yellow	Y	Green	G	White	W	Special Finish	S																
Color	Code																																																														
Red	R																																																														
Blue	B																																																														
Green	G																																																														
Amber	A																																																														
Yellow	Y																																																														
Clear	C																																																														
Unit Fixing	Code																																																														
Pipe mount	P*†																																																														
Direct mount	D†																																																														
Direct w/backstrap	B†																																																														
Finish	Code																																																														
Natural Black	N																																																														
Red	R																																																														
Blue	B																																																														
Yellow	Y																																																														
Green	G																																																														
White	W																																																														
Special Finish	S																																																														



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.