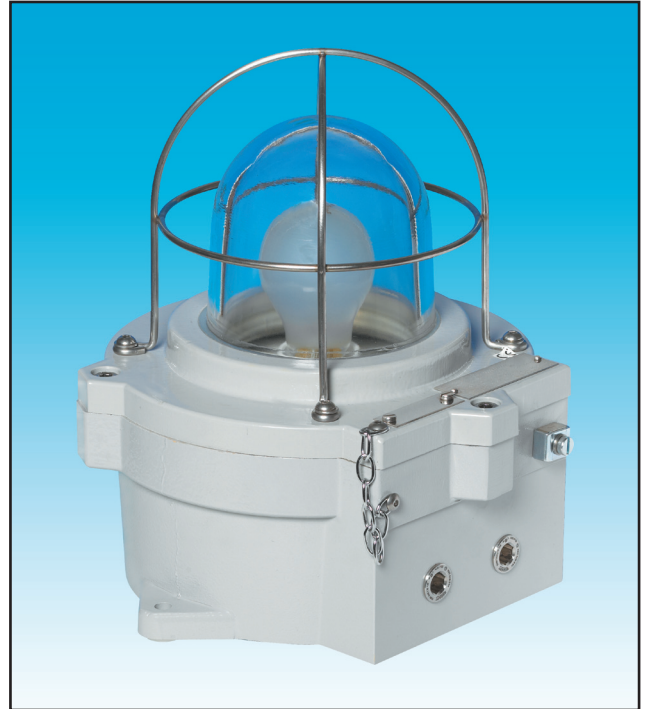


STEADY LIGHTS

Explosion-proof, Weatherproof FL4 & FB4 Range



FL4 - Fluorescent



FB4 - Filament

Introduction

These certified steady lights have been designed for use in flammable atmospheres and harsh environmental conditions. The marine grade alloy or stainless steel enclosures are suitable for use offshore or onshore, where light weight combined with corrosion resistance and strength is required. Units can be painted to customer specification and fitted with identification labels.

European and other worldwide approvals are available, refer to main section of catalog.

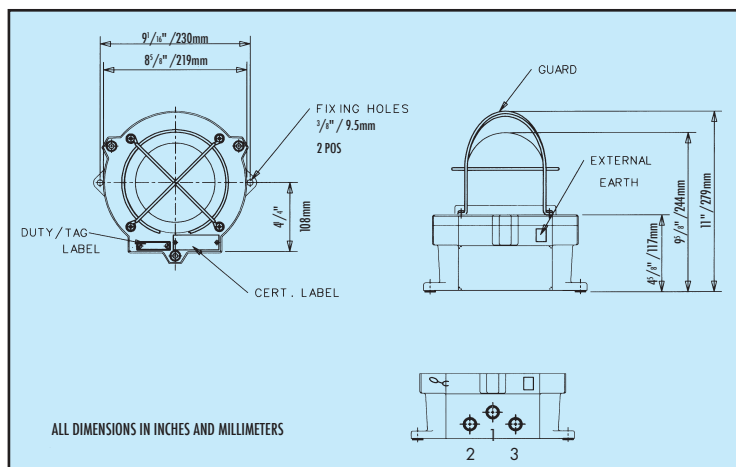
- ★ UL Listed for USA and Canada
 - Hazardous locations:
Class I, Div. 1, Groups C & D.
Class I, Zone 1, AExd IIB T4/T5.
 - Ordinary locations: Visual-Signal Device.
- ★ ATEX approved.
- ★ NEMA 4x & 6, IP66 & IP67.
- ★ *Certified temperature –67°F to +131°F.
–55°C to +55°C.
- ★ Fluorescent up to 39W.
- ★ Filament Lamps supplied.
- ★ Corrosion Resistant.
- ★ Optional lens guard.
- ★ Tapered spigot flamepath.
- ★ Relay initiate.
- ★ *Model dependent

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Specification

Certification:	UL Listed for USA and Canada – Hazardous locations: Class I, Div. 1, Groups C & D. Class I, Zone 1, AExd IIB T4/T5. UL Listing No. E187894. – Ordinary locations: Visual-Signal Device (FL4 only). UL Listing No. S8128. ATEX approved: EExd IIC. Certificate No. Baseefa 02ATEX0224X.
Material:	LM25TF Marine Grade Alloy body. Grade 316 ANC48 Stainless Steel body. Toughened Wellglass.
Models:	FL4 – Up to 3 x 13 Watt PL compact fluorescent lamps. FB4 – 100 watt GLS filament lamps. E27 holder as standard.
Finish:	Grey epoxy paint finish as standard or to customer's specification.
Voltage:	FL4 24V d.c., 120V a.c., 240V a.c. $\pm 10\%$ 50/60hz. FB4 110V a.c. $\pm 10\%$ 50/60hz.
Weight:	FL4 14 – 17lb/6.5 – 7.9kg (add 19lb/8.4kg for stainless steel). FB4 13lb/6.4 kg.
Certified Temperature:	FL4 -4°F to $+131^{\circ}\text{F}$ (-20°C to $+55^{\circ}\text{C}$). FB4 -67°F to $+131^{\circ}\text{F}$ (-55°C to $+55^{\circ}\text{C}$).
Ingress Protection:	NEMA 4x & 6. IP66 and IP67.
Lamps:	FB4 units are supplied with lamps.
Terminals:	8 off suitable for up to 10 AWG conductor size.
Entries:	Up to 3 x $1/2$ " NPT or 2 x $3/4$ " NPT.

FL4 LAMP DETAILS			
Unit Type	Lamp Type	Lamp Ref.	Holder Type
FL4 DC	Osram Dulux D/E 13W	DD/E 13/XX	G24q-1
	Philips PLC 13W	PLC 13 P4	G24q-1
FL4 AC	Osram Dulux D/E 13W	DD/E 13/XX	G24q-1
	Philips PLC 13W	PLC 13	G24d-1
Osram Colour XX = (21 = Cool white) (31 = Warm white) (41 = Interna)			

Temperature Ratings			
Type	Voltage/Wattage	T Class	Max. Amb.
FL4	DC units	T5	55°C
	AC units	T4	55°C
FB4	60W	T4 (UL T3)	55°C
	100W	T3	55°C

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	Certification	Terminals	Entries	Lamp Wattage	Lens Color	Lens Guard	Options	Material	Finish	
FL4 FB4			8U								
Voltage Code 24V d.c. B 110V a.c.* E 120V a.c.† F 240V a.c.† H †FL4 only *FB4 only		Certification Code UL UL †UL (ordinary locations) UW †UW only available FL4.		Entries Code 1/2" NPT *M 3/4" NPT *N *Prefix entry size (see diagram above) with entry position code e.g. 2D 3D		Color Code Clear C Red R Blue B Green G Yellow Y Amber A		Label Code Duty D* Tag T* 24V d.c. (relay init.) R None N *Please specify wording		Finish Code Grey G Red R Blue B Yellow Y White W Other – specify S	
				Lamp Wattage Code FL4 13W (1 x 13W tube) 13 26W (2 x 13W tubes) 26* 39W (3 x 13W tubes) 39* FB4 60W 60 100W 100		Guard Code None 0 Guard 1		Material Code Stainless Steel 0 Alloy 1			
		Terminals & Type Code 8 x 10 AWG 8U		*Only available in the following voltage: 26W – a.c. only 39W – H (240v a.c.)							

To order ATEX approved version, refer to 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.