

# STEADY LIGHTS

## Explosion-proof, Weatherproof

### SM87 LU1/3 Range



SM87 LU1 – Fluorescent



SM87 LU3 – Filament

## Introduction

These certified steady lights have been designed for use in harsh environmental conditions. The marine grade **stainless steel** or **alloy** 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, Russian, Chinese and other worldwide approvals are available, refer to main section of catalog.**

- ★ UL listed for USA and Canada
  - Class I, Div. 1, Groups C & D.
  - Class I, Zone 1, AExd IIB.
- ★ CSA certified.
- ★ ATEX approved.
- ★ NEMA 4x and 6, IP66 & 67.
- ★ Certified temperature –67°F to +131°F.  
–55°C to +55°C.
- ★ Fluorescent.
- ★ Filament.
- ★ Corrosion resistant.
- ★ Fluorescent version suitable for obstruction or warning lighting.
- ★ Optional lens guard.

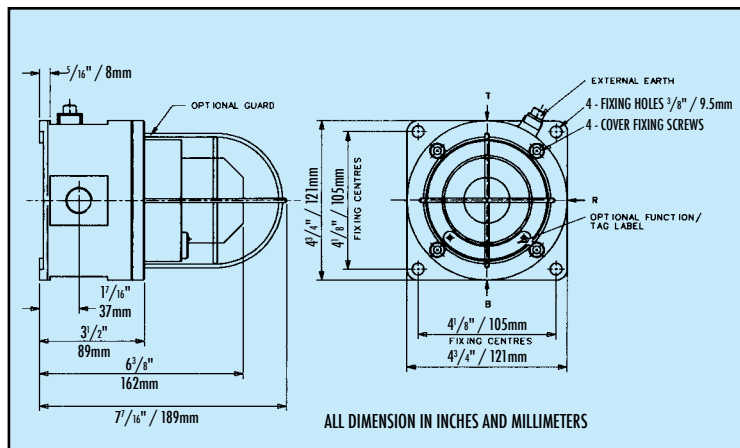
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## Specification

Models:	SM87 LU1 – Fluorescent. SM87 LU3 – Filament.
Certification:	UL Listed for USA and Canada: Class I, Div 1, Groups C & D and Class I, Zone 1. Listing No: E187894. CSA Certified for Class I, Div 1 & 2, Group D. Certificate No. 96406. <b>ATEX approved:</b> EExd IIC T3-T6 (model dependent). Certificate No. 03ATEX0222X
Ingress Protection:	NEMA 4x and 6 IP66 & 67.
Material:	Grade 316 ANC4B Stainless Steel or Marine Grade Aluminium Alloy LM25TF with glass lens.
Finish:	Epoxy paint finish as standard or to customer's specification.
Fluorescent:	10 Watt tube light output 600 Lumens (240V & 254V a.c. versions). 5 Watt tube max. light output 250 Lumens (d.c. versions).
Filament:	Single filament fitted as standard 10 watts. Others may be available, please contact MEDC with your requirements.
Weight:	Alloy - 4.4lb/2.0kg approx. Stainless Steel - 8.4lb/3.8kg approx.
Certified Temperature:	SM87 LU1/3 -67°F to +131°F -55°C to +55°C.
Voltage:	12, 24, 48V d.c., 110V (LU3 only), 220V, 240V, 254V a.c. 50Hz as standard. 60Hz available if required.
Terminals:	SM87 – 4 off for up to 14 AWG cable.
Entries:	SM87 LU1 & 3 – 2 x 1/2" or 3/4" NPT
Power Consumption:	<b>LU1-</b> 7 Watts for 12V d.c., 24V d.c., 48V d.c., 220V a.c. 14 Watts for 240V a.c., 15 Watts for 254V a.c. <b>LU3-</b> Single filament fitted as standard 10W. Other options are available - please contact MEDC with your requirements.

## 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.

Unit Type	Model	Certification	Voltage	Lens Colour	Lens Guard	Entries	Tag/Duty Label	Unit Finish
<b>SM87</b>								

Type	Code
Fluorescent (Alloy) T	LU1A
Fluorescent (S/Steel)*	LU1S
Filament (Alloy) T	LU3A
Filament (S/Steel)*	LU3S

Color	Code
Red	R
Blue	B
Green	G
Amber	A
Yellow	Y
Clear	C

Entries	Code
1/2" NPT	3
3/4" NPT	4
Other please specify	
Top	*T
Bottom	*B
RHS (not on LU1)	*R
LHS	*L
*prefix position with entry size code. e.g. 3R3B= 1/2" Right and Bottom entries.	

Label	Code
None	N
Yes	Y
(Please specify)	

Finish	Code
Red	R
Blue	B
Yellow	Y
Grey	G
White	W
Special Finish	S

Certification	Code
UL Listed	UL
CSA Certified	C

\*Not available UL Listed  
T Not available  
CSA Certified

To order ATEX approved version, see European data sheet.

Voltage	Code
24V d.c.	024
48V d.c.	048
110V a.c. (LU3 only)	110
220V a.c.	220
240V a.c.	240
254Va.c.	254

Guard	Code
None	N
Yes	Y

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.

