

# SL15 status lights range

Hazardous location, ordinary locations



## Overview

These status lights have been designed for use in potentially explosive atmospheres and harsh environmental conditions. They are suitable for use offshore or onshore, where a high degree of corrosion resistance is required. The housings are manufactured from a U.V. stable, glass reinforced polyester (GRP) fitted to a stainless steel mounting plate for ease of installation.

Stainless steel fixings are also used, ensuring a corrosion free product.

Units can be painted to customer specification and supplied with identification labels.

Units can be supplied as 2, 3 or 4 way in any combination of xenon strobe or filament lamp. 5 way available by special order.

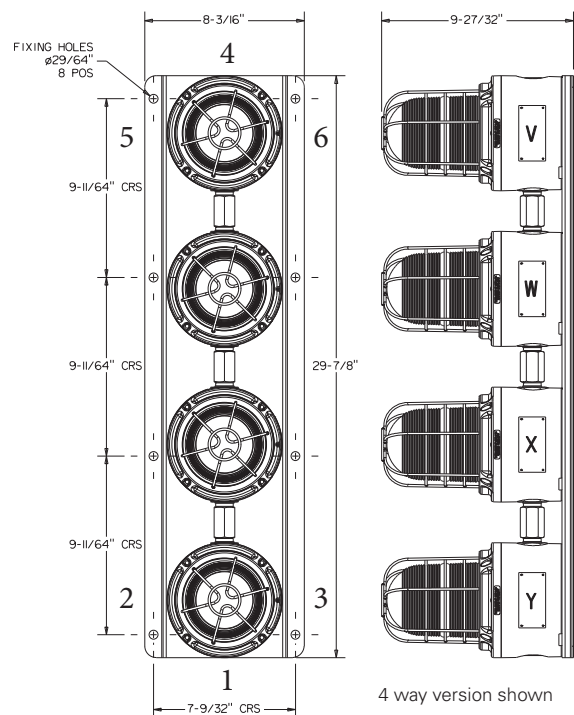
## Features

- UL certified for USA and Canada
  - Hazardous locations:
    - Class I, Div. 2, Groups A, B, C & D
    - Class I, Zone 1, AExd IIC T3/T4/T5/T6
  - Ordinary locations
  - Visual signal device
  - Marine listed
- ATEX and IECEx certified
- IP66 and IP67
- Certified temperature:
  - 67°F to +158°F
  - 55°C to +70°C
- Corrosion free GRP
- Filament 60W
- High powered LED flashing or steady
- Various flash rates available for xenon units
- Various lens colours
- Optional cast or wire lens guard



Certifications	
UL Haz Locs	Cert. no. E187894
UL Ord Locs	Cert. no. E187894. Visual signal device
UL certified	Class I, Div 2 Groups A,B,C & D Class I, Zone 1 AEx d IIC
Specifications	
Material	Body: glass reinforced polyester Lens: glass Back plate & fixings: stainless steel 316 Wire guard (optional): stainless steel wire Cast guard (optional): aluminium LM25M
Finish	Natural black or painted to customer specification
Voltage	24, 48V d.c. - 110, 120, 230, 240V a.c
Xenon	Tube energy: 5, 10 or 15 joules Tube life: >1 x 10 <sup>6</sup> flashes Flash rate: 60, 80, 120fpm Certified temp: 15J: -67°F to +158°F (-55°C to +70°C) T4 -67°F to +104°F (-55°C to +40°C) T5 10J: -67°F to +158°F (-55°C to +70°C) T4 -67°F to +131°F (-55°C to +55°C) T5 -67°F to +104°F (-55°C to +40°C) T6 5J: -67°F to +158°F (-55°C to +70°C) T5 -67°F to +131°F (-55°C to +55°C) T6
Filament	Lamp type: 60W GLS filament Lamp holder: E27 as standard Certified temp: 60W -67°C to +131°F (T4) -67°C to +158°F (T3)
LED	Certified temp: -67°F to +131°F (T6) -67°C to +158°C (T5) LED life: up to 54,000 hours
Weight	2-Way: 15.6lb, 3-Way: 23.1lb, 4-Way: 30.8lb
Ingress protection	IP66 & 67
Terminals	14 AWG
Labels	Tag/duty label option
Entries	Available with up to 2 x ½" or 2 x ¾" entries in either bottom or top of unit Entries in both bottom and top of unit by special order only

## General arrangement drawing (all dimensions in inches)



## Current consumption per way (A):

Voltage	dc		ac (60Hz*)			
	24	48	110	120	230	240
5J Xenon	0.33	0.15	0.14	0.15	0.08	0.08
10J Xenon	0.65	0.32	0.23	0.25	0.12	0.13
15J Xenon	0.9	0.43	0.34	0.36	0.15	0.15
Filament - 60W	2.5	1.25	0.55	0.5	0.26	0.25
LED - steady	0.22	0.12	0.09	0.08	0.05	0.05
LED - flashing	0.42	0.22	0.1	0.1	0.06	0.06

\* For 50Hz please refer to the worldwide datasheet

## Multiplying factor for coloured lenses

	Red	Blue	Green	Amber	Clear	Yellow
Xenon/filament	0.12	0.11	0.29	0.22	1	0.74
LED	0.47	0.19	0.67	0.43	1	0.95

## Light output (effective Cd):

5J Xenon	10J xenon	15J xenon	Filament 60W	LED - steady	LED - flashing (60fpm)
107	280	382	64	86	128

## Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box

Model	Certification	Lamp type/positions	Voltage	Cable entries	Lens guard	Duty/tag label	Finish
SL15		V W X Y					
<b>Certification</b> UL UL (ordinary location) UL Marine		<b>Indicate light module type</b> Filament Xenon LED - 6* Xenon 60W - 1 15J 60fpm - 3 10J 60fpm - 7 15J 80fpm - 4 10J 80fpm - 8 15J 120fpm - 5 10J 120fpm - 9 5J 60fpm - 10 5J 80fpm - 11 5J 120fpm - 12		<b>Entry Size</b> ½" NPT *A ¾" NPT *B		<b>Label</b> Duty label D* Tag label T* None N	
<b>Lens colour</b> Red R Blue B Green G Amber A Yellow Y Clear C		<b>Guard</b> None N Cast C Wire W		<b>Finish</b> Natural black N Red R Blue B Yellow Y Green G White W Special S*			

\*15J Xenon only

Suffixed by colour required

\*User selectable function preset at 60fpm. Steady not available for Canada

\*Prefix with cable entry position (see diagram)  
Note: maximum 2 entries bottom OR top. Bottom AND top by special order only

\*Specify wording

\*Please specify