

Exd, Weatherproof



Features

- Zone 1 and Zone 2 use.
- ATEX certified.
- II 2GD.
- IECEx certified Gb, Db.
- UL Listed (see US data sheet).
- IP66 and 67, NEMA 4X & 6.
- Certified temperature: -55°C to +70°C *
-67°F to +158°F
- Corrosion free GRP.
- Filament 60W or 100W*.
- Various flash rates available for xenon units.
Various lens colours.
- Optional cast or wire lens guard.

**Model dependent*

Introduction

These Status Lights have been designed for use in potentially explosive atmospheres and harsh environmental conditions. The indicators 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 beacon or filament lamp.

Authorized Distributor:
GasDetectorsUSA.com
Houston, TX USA
832-615-3588
sales@GasDetectorsUSA.com



Specification

Certification: Certified to IEC60079-0, IEC60079-1, IEC61241-1-1
 Certified to EN60079-0, EN60079-1, EN61241-1-1
 ATEX Cert. No. Baseefa04ATEX0009X
 Ex II 2 GD EEx d IIC T3/T4/T5/T6*
 IECEx Cert. No. IECEx BAS 05.0048X
 Ex d IIC T3/T4/T5/T6 DIP A21
 UL listed versions, see separate data sheet
 *Model dependent

Material: Body: Glass reinforced polyester
 Lens: Glass
 Back plate & fixings: stainless steel 316
 Wire Guard (optional): stainless steel wire
 Cast Guard (optional): aluminum LM25M

Finish: Natural black or painted to customer specification.

Voltage: 24, 48V d.c. - 110, 120, 230, 240, 254V a.c.

Xenon:	Filament:
Tube Energy: 15 Joules.	Lamp Type: 60W or 100W GLS filament
Tube Life: > 1x10 ⁶ flashes	Lamp Holder: E27 as standard
Flash rate: 60, 80 or 120 fpm	Certified Temp: 60W -55°C to +55°C (T4)
Certified Temp: -55°C to +40°C (T6)	-55°C to +70°C (T3)
-55°C to +55°C (T5)	100W -55°C to +40°C (T3)
-55°C to +70°C (T4)	

Weight: 2-Way: 6.5Kg, 3-Way: 9.8Kg, 4-Way: 13.1Kg.

Ingress Protection: IP66 & 67 NEMA 4X & 6

Entries: Available with up to 2 x M20 or 2 x M25 entries in either bottom or top of unit.
 Entries in both bottom and top of unit by special order only.

Terminals: Suitable for up to 2.5mm² cable max.

Labels: Tag/Duty label option.

Xenon electrical ratings (per way)

	d.c.		a.c.				
	24	48	110	120	230	240	254
Voltage	24	48	110	120	230	240	254
Current (A) - 60W lamp	0.78	0.67	0.40	0.40	0.20	0.20	0.17
Current (A) - 100W lamp							
Effective Candlepower (Cd) - 330 at 60 fpm							

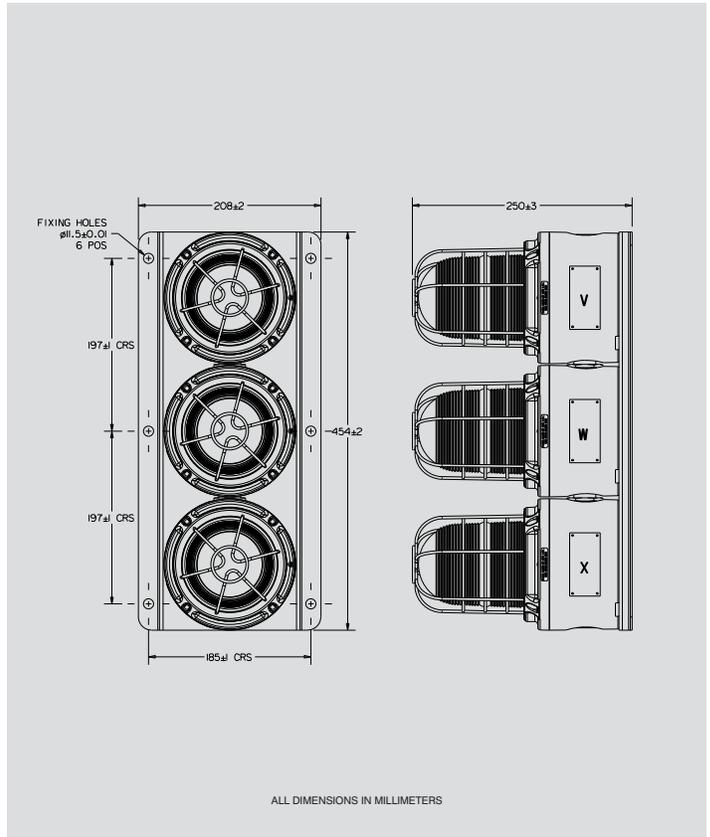
Ordering Requirements

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. **To order UL listed versions, see separate US datasheet.**

Model SL15	Certification <input type="text"/>	Lamp Type / Positions (see diagram) V <input type="text"/> W <input type="text"/> X <input type="text"/> Y <input type="text"/>				Voltage <input type="text"/>	Cable Entries <input type="text"/>	Lens Guard <input type="text"/>	Duty/Tag label <input type="text"/>	Finish <input type="text"/>																																																																																			
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Example: A two way ATEX approved unit with one 100W filament lamp with green lens for the top unit and one 60fpm xenon lamp with red lens for the bottom unit, rated 24V with 2 x M20 bottom entries, no guard, no labels, finished in red would be:

SL15BV2GW3R0242C3CNNR



ALL DIMENSIONS IN MILLIMETERS

Filament electrical ratings (per way)

	d.c.		a.c.				
	24	48	110	120	230	240	254
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

Multiplying Factor for Colored Lenses:

Red	Blue	Amber	Green	Yellow
0.15	0.12	0.51	0.49	0.86

eg. an amber lens gives 0.51 (approx half) of the intensity from a clear lens.