

ZFL33X

HAZARDOUS AREA FLASHING BEACON



DS-379 Issue 02

Thank you for your interest in Ziztel - we are a UK based manufacturer of CCTV, PAGA and Intercom products. Our systems are mainly designed for use in the Military, Marine, Hazardous Oil, Gas and Petrochemical industries.

ZFL33X is a rugged, explosion proof, high intensity visual alarm unit designed for signaling in noisy areas.

The unit features DUAL flash tubes for ultimate security and is designed for service in mission critical applications including Fire and Gas detection systems, Public Address and General Alarm systems.

ZIZTEL ZFL33X XENON DISCHARGE TUBE EXPLOSION PROOF BEACON

Duplicated Xenon Discharge Tubes – *Suitable for Critical Life Safety Applications*

Fresnel optical lens – *excellent light dispersion*

Very heavy-duty corrosion / Ultra Violet Light Proof Construction – *suitable for operation in aggressive environments*

The Ziztel ZFL33X industrial flashing beacon is designed to provide safe visual warnings in a hostile climatic environment and potentially explosive atmosphere with optional enclosure type 'A' light weight Alloy or type 'S' Stainless Steel 316L. The unit comprises of a rugged IP66 rot proof, corrosion resistant enclosure which is fitted with a robust toughened well glass, Fresnel optic lens dome and control electronics module. ZFL33X can be located in a Zone 1 or 2 IIA, B, C T4 hazardous area and is ATEX / IECEX certified accordingly.

The light source is based on dual xenon discharge tubes which produce a brilliant pulse of light at regular intervals. Cable entry is via up to four 20 mm isometric gland penetration and the integral termination compartment accepts ferruled cable conductors up to 2.5mm.

Colour is given by selection of a Fresnel lens cap which provides controlled light output to ensure maximum efficiency and visibility in external areas. This arrangement enables the possibility to field exchange colour filters without complete unit replacement and eliminates the requirement for a painted well glass which deteriorates over time.



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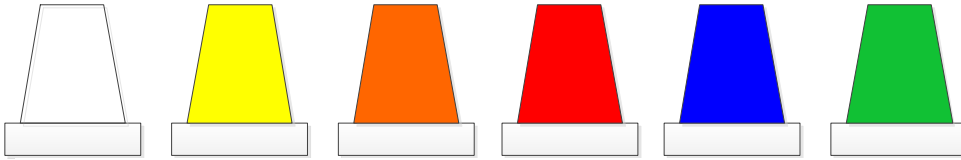
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The unit is certified for use without a lens guard however where there is known risk of damage to the lens dome an optional well glass wire cage can be fitted to provide additional protection.

Lens options:

Clear C, Yellow Y, Amber A, Red R, Blue B, Violet V, Green G



Technical Specification	
Power Supply Voltage – must be specified	AC 110/120V; AC 220/240V 50/60Hz
Consumption	30 Watts Maximum
Light source	Dual xenon gas discharge tubes
Duty Cycle	Continuous
Flash Rate	1 flash per second
Voltage input tolerance	+10% / -20%
Power	21 Joule
Telephone coupler option	‘T’ enables initiation from telephone ringing voltage
Enclosure – A	High grade aluminium
Enclosure – S	316 L Stainless steel
Enclosure – A colour	Signal red finish
Enclosure – S colour	Natural finish
Fresnel optic lens Colours	Amber – A Yellow – Y Blue – B Green – G Red – R Clear – C Violet - V
Temperature Range	-40C to +60C ambient
Environmental Rating	IP66
Cable Entry	2 x 20mm entry with third / fourth entry as option
Cable Conductor size	Up to 2.5mm ferruled
Weight A type enclosure	3Kg
Weight S type enclosure	4.2 Kg
Dimensions no well glass guard	200 high x 106 wide mm
Dimensions with well glass guard	210 high x 106 wide mm
Mounting attitude	Vertical or horizontal
Certification	Zone 1 / 2 IIC T4

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