



INTRINSICALLY SAFE FLASHDOME LED BEACON



I.S. FlashDome is an Intrinsically Safe signalling beacon for use as a visual fire, security or other incident alert within a hazardous area. The product is part of a range of intrinsically safe sounders and beacons manufactured by Hosiden Besson Ltd of Hove, England.

Certified to ATEX and IEC Ex, the I.S. FlashDome is designed for use in Zones 0, 1 and 2 at ambient temperatures between -40°C and 70°C with a T4 rating (-40°C to +40°C with a T5 rating) when supplied via an approved 28v 300Ω Zener barrier or galvanic isolator.

Up to three I.S. FlashDomes may be connected to a single 28v 300Ω barrier.

I.S. FlashDomes flash once a second and when connected to a common barrier will remain in synchronisation for more than 30 minutes.

- LED Design for durability
- Easy install
- Polycarbonate housing
- Atex Certified: ITS06ATEX25407X
- IEC Ex Certified: IEC Ex ITS06.0018X
- IP66 Weatherproof
- Low Current
- Up to 3 I.S Flashdomes on a 28v 300Ω Zener Barrier





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On Line IEC Ex Certificates – www.iecex.com

TECHNICAL SPECIFICATION

Voltage Range:	12 – 28v dc – must be supplied via a 28v 300Ω Zener Safety Barrier or equivalent.
Current Consumption:	5mA
Flash Rate:	1Hz
Operating Temperature Range:	-40°C to +40°C (T5 Rating).
Dimensions:	92mm diameter x 90mm high (including base).
Connection:	4-way terminal block: 2 x positive, 2 x negative for loop in-loop out wiring.
Cabling:	3 off 20mm cable gland entries.
Materials:	The I.S. FlashDome lens is made from fire retardant Polycarbonate. The base, external IP66 mounting and the internal chassis are made from fire retardant ABS. Both materials are fully recyclable and the product is fully RoHS and WEEE compliant.

