

CWSS Series

Conventional Sounder Strobes

Visual Alarm Devices(VAD's)

General

Notifier's conventional Sounder Strobe is ideal for applications where a sounder is required as the primary method of alarm, but a supplementary light indicator would also be of benefit.

The product features a new folded horn design, LED technology and advanced optics, providing outstanding sound output and supplementary light indication at very low current draw.

Specifically designed and approved to meet both AS7240.3 and AS7240.23. The ENScape sounder beacon delivers outstanding quality, reliability and extended operational life, making it the ideal choice for a wide range of applications.



Features

Simple, Fast, Flexible Installation

- Omi directional light coverage eliminates need for device orientation.
- Deep base option with multiple cable entries for flexible installation.
- Designed with full range of common fixing centres.
- Positive fit engagement and feedback of base with device for easy installation.

Universal Device

- Tailor made range, selection according to AS7240.23 C W & O categories
- Suitable for wall and ceiling mount applications.
- Global tone set: 32 tones including a new bell tone
- Range of installation and base options, for indoor and applications up to IP65.
- Optimised for 12V and 24V systems, making the range suitable for use in fire & security applications.

Outstanding Performance

- Approved to AS7240.3 and AS7240.23 C W & O categories.
- 32 tones all approved to AS7240.3
- Advanced optics ensures superior light coverage .
- Synchronised flash exceeds AS7240.23 standard.
- Choice of white or red light flash options.
- Soft start feature reduces power surges during system start-up.

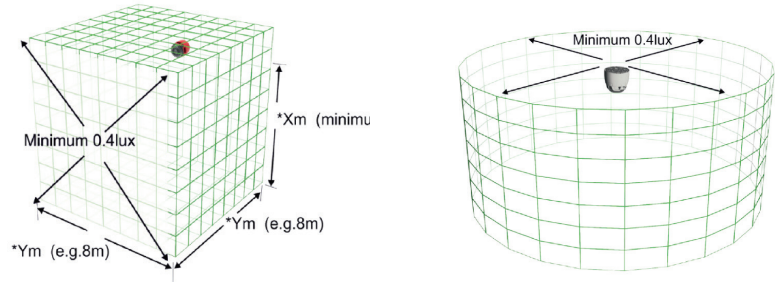
Quality & Reliability

- Independently approved to all required standards:
 - Manufacturing: Construction Products Regulation (CPR)
 - Product performance:
 - Light output: AS7240.23 C W & O categories.
 - Sound output: AS7240.3
 - Environmental: RoHS, WEEE.

The Requirements of AS7240.23

A Cube or cylinder of light with a minimum of 0.4 lumens/m²

* X & Y dimensions are defined by the device manufacturer



Product Range

DEVICE	Notifier Sounder Beacon	Notifier Sounder Beacon
APPROVALS	AS7240.23 W & C Category AS7240.3	AS7240.23 O Category AS7240.3
BODY COLOUR	Red/ White	Red/ White
FLASH COLOUR	Red/ White	Red
INSTALLATION OPTION	Standard Device	Standard Device
LENS COLOUR	Clear	Clear
ENVIRONMENTAL COMPLIANCE	RoHS/ WEEE	RoHS/ WEEE

Specifications

Electrical Specification

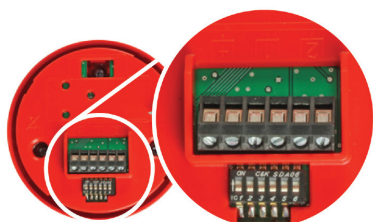
OPERATING VOLTAGE	12 to 29 VDC
OPERATING VOLTAGE APPROVED	AS7240.3 @ 9-14 VDC & 18-29 VDC AS7240.23 @ 12 to 29 VDC (C & W) AS7240.23 @ 24 to 29VDC (O Category)
AVERAGE CURRENT CONSUMPTION	49mA @ 29VDC (W Category) Tone 7 22mA @ 29VDC (O Category) Tone 7

Environmental Specifications

OPERATING TEMPERATURE	-25 °C to +70 °C
RELATIVE HUMIDITY	93% ±3% non condensing
INGRESS PROTECTION	IP21C low profile base IP65 deep base

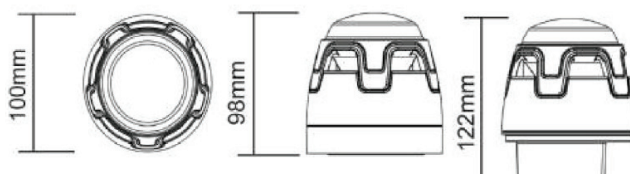
Mechanical Specifications

BODY COLOUR	Red/ White
SOUND OUTPUT MAXIMUM	107db(A) @1m (Tone 23)
NUMBER OF TONES	32 Includes bell tone Full tone table available on installation manual
CABLE TERMINAL SIZE	0.5-2.5 mm ²
VOLUME SETTING	Medium or High
MATERIAL LENS/ BODY	Flame retardant PC/ ABS
GROSS WEIGHT STANDARD DEVICE	Low profile base: 248g(W Category), 236g (O Category) Deep/ IP65 base: 255g(W Category), 242g (O Category)



Standard Device Connections

Wiring and Dimension



Product Performance

NOTIFIER BEACON	WALL MOUNT W CATEGORY	WALL MOUNT W CATEGORY	CEILING MOUNT C CATEGORY	CEILING MOUNT C CATEGORY	WALL MOUNT O CATEGORY	CEILING MOUNT O CATEGORY
FLASH COLOUR	White	Red	White	Red	Red	Red
AS7240.23 COVERAGE	W-2.4- 8.9	W- 2.4- 6.0	C-3-10 / C-6-10	C-3-8.9 / C-6-8.5	O- Wall	O- Ceiling
INSTALLATION HEIGHT (X)	2.4m max	2.4m max	3m / 6m	3m / 6m	2.4m	3m
AS7240.23 COVERAGE (Y)	Cube YY = 8.9m	Cube YY = 6.0m	Cylinder Ø=10m	Cylinder Ø=8.9m & 8.2m		
AS7240.23 COVERAGE	190 m ³	86 m ³	236m ³ / 471 m ³	187m ³ / 317 m ³	0.96 m ³	1.93 m ³
FLASH RATE	0.5 Hz	0.5 Hz	0.5 Hz	0.5 Hz	0.5 Hz	0.5 Hz
OPERATING VOLTAGE RANGE	12 to 29V	12 to 29V	12 to 29V	12 to 29V	24 to 29V	24 to 29V
Automatically on power up, meets AS7240.3 and AS7240.23 standard						



Ordering

CWSS-RR-S5	Surface mount Sounder/Strobe low profile base, red body, clear lens, red flash
CWSS-RW-S5	Surface mount Sounder/Strobe low profile base, red body, clear lens, white flash
CWSS-WR-S5	Surface mount Sounder/Strobe, low profile base, white body, clear lens, red flash
CWSS-WW-S5	Surface mount Sounder/Strobe low profile base, white body, clear lens, white flash
CWSS-RR-W5	Surface mount Sounder/Strobe deep/IP65 base, red body, clear lens, red flash
CWSS-RW-W5	Surface mount Sounder/Strobe deep/IP65 base, red body, clear lens, white flash
CWSS-WW-W5	Surface mount Sounder/Strobe deep/IP65 base, white body, clear lens, white flash

Agency Listings and Approvals

The listings and approvals below apply to the module specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

SAI Global certificate # SMK40640-4 (AS7240.23:2014, AS7240.3:2014)

This document is not intended for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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