NOTIFIER® by Honeywell

ENscape CWSS Series
Conventional Sounder Beacons
Visual Alarm Devices (VAD's)



General

Enscape Conventional Sounder Beacon is ideal for applications where a dual purpose audible and visual alarm device is required.

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 AS ISO 7240.3 and AS ISO 7240.23. 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

- Omni 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 AS ISO 7240.23 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 AS ISO 7240.3 and AS ISO 7240.23 C, W & O categories
- 32 tones all approved to AS ISO 7240.3
- Advanced optics ensures superior light coverage .
- Synchronised flash exceeds AS ISO 7240.23 standard.
- Choice of white or red light flash options.
- Soft start feature reduces power surges during system start-up.

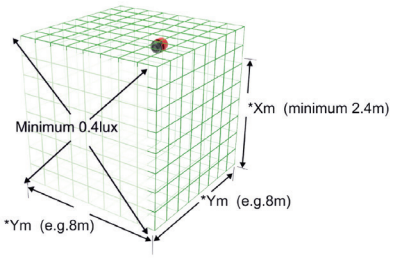
Quality & Reliability

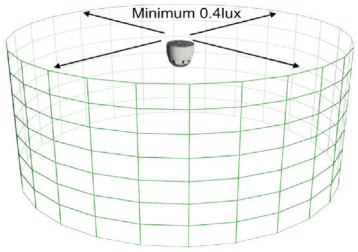
- Independently approved to all required standards:
  - Manufacturing: Construction Products Regulation (CPR)
  - Product performance:
    Light output: AS ISO 7240.23 C, W & O categories
    Sound output: AS ISO 7240.3
    AS ISO 7240.23
  - Environmental: RoHS, WEEE.

The Requirements of AS ISO 7240.23

A Cube or cylinder of light with a minimum of 0.4 lumens/m^2

* X & Y dimensons are defined by the device manufacturer





Product Range

DEVICE	ENscape Sounder Beacon	ENscape Sounder Beacon
APPROVALS	AS ISO 7240.23 W & C Category AS ISO 7240.3	AS ISO 7240.23 O Category AS ISO 7240.3
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

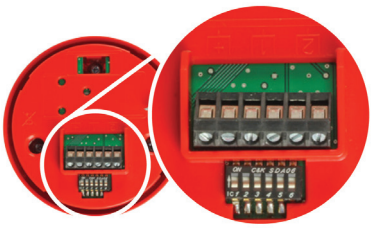
OPERATING VOLTAGE	12 - 29 VDC
OPERATING VOLTAGE APPROVED	AS ISO 7240.3 @ 9-14 VDC & 18-29 VDC AS ISO 7240.23 @ 12 - 29 VDC (C & W) AS ISO 7240.23 @ 24 - 29 VDC (O Category)
AVERAGE CURRENT COMSUMPTION	49mA @ 29 VDC (W Category) Tone 7 22mA @ 29 VDC (O Category) Tone 7

Environmental Specifications

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

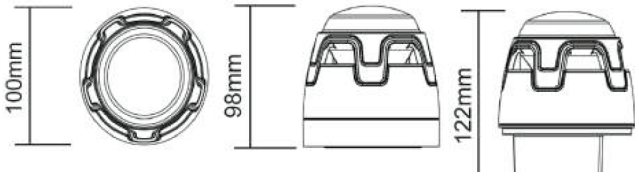
Mechanial Specifications

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



Standard Device Connections

Wiring and Dimension



Product Performance

ENSCAPE 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
AS ISO 7240.23 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
AS ISO 7240.23 COVERAGE (Y)	Cube YY = 8.9m	Cube YY = 6.0m	Cylinder Ø=10m	Cylinder Ø=8.9m & 8.2m		
AS ISO 7240.23 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 29 V	12 to 29 V	12 to 29 V	24 to 29 V	24 to 29 V
SYNCHRONIZATION	Automatically on power up, meets AS ISO 7240.3 and AS ISO 7240.23 standard					

Ordering

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

Agency Listings and Approvals

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

- AS ISO 7240.3:2014; SAI Global certificate # SMK40640-4
- AS ISO 7240.23:2014; SAI Global certificate # SMK40640-4

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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Certified Product Australian Standard

BSI ISO9001 FS 520324 ENGINEERING & MANUFACTURING QUALITY SYSTEMS