

# Conventional Audible Visual Devices

## Beacons EN54-23 Approved VAD's

### > Product Overview

KAC's conventional beacons feature high output LEDs, advanced optics and an innovative lens design, providing outstanding Omni-directional light coverage at low current draw. Specifically designed for, and approved to meet EN54-23, the ENscape beacon delivers outstanding quality, reliability and long operational life.

### > Certification



### > Product Benefits

#### Simple, Fast, Flexible Installation

- Omni directional light coverage eliminates need for device orientation.
- First fix option, allowing electrical continuity testing prior to device fitting.
- 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

- Suitable for wall and ceiling mount applications.
- Available in red or white body colours.
- Range of installation and base options, for indoor and applications up to IP65.
- Operates on 12V and 24V systems, making the range suitable for fire & security applications.

#### Outstanding Performance

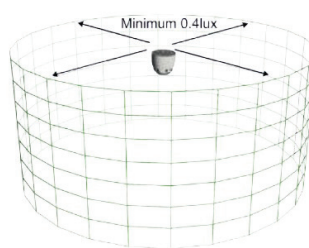
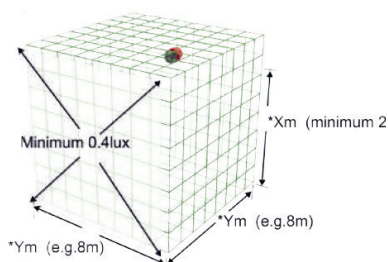
- Approved to EN54-23, C and W categories.
- Advanced optics ensure superior light coverage at low current draw.
- Synchronised flash exceeds EN54-23 standard.
- Choice of white or red light flash options.
- Soft start feature reduces power surges during system start-up.

#### Quality & Reliability

- Independently approved to all required standards:
  - Manufacturing: Construction Products Regulation (CPR).
  - Product performance: EN54-23 C & W Categories.
  - Environmental: RoHS, WEEE.
- Product range supports system approval.

### > The requirements of EN54-23

A cube or cylinder of light with a minimum of 0.4 Lumens/m<sup>2</sup>.



\* X & Y dimensions are defined by the device manufacturer

### > Introducing the Range

Device	Approvals	Body Colour		Flash Colour		Installation Options		Lens Colour	Environmental Compliance
ENscape Beacon	EN54-23 C & W Class	Red	White	Red	White	Standard device	First Fix	Clear	RoHS/ WEEE

## Technical Specification

### Electrical Specification

Operating Voltage EN54-23:	12 to 29VDC
Average Current Consumption:	26mA @ 29VDC

### Mechanical Specification

Body Colour:	Red / White
Cable Terminal Size:	0.5-2.5mm <sup>2</sup>
Material:	Lens: PC Body: PC/ABS
Gross Weight: Standard device:	164g (low profile) 171g (deep / IP65)
First Fix option:	174g (low profile) 181g (deep / IP65)

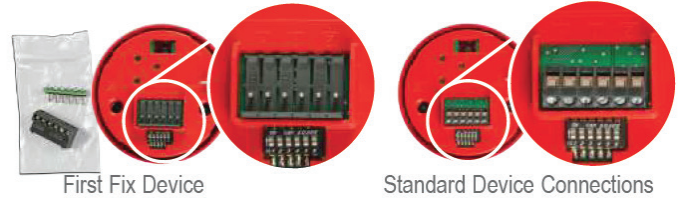
### Environmental Specification

Operating Temperature:	-25°C to 70°C
Relative Humidity:	93% ±3%, non condensing
Ingress Protection:	IP21C (low profile base) IP65 (deep base)
For RoHS & WEEE	Please visit <a href="#">KAC website</a>

### Dimensions



### Wiring Options



### Product Performance

ENscape Beacon	Wall mount W Class	Wall mount W Class	Ceiling mount C Class	Ceiling mount C Class
Flash Colour	White	Red	White	Red
EN54-23 coverage volume code	W-2.4- 9.0	W-2.4- 6.2	C-3-9.5 / C-6-9.5 / C-9-9.5	C-3-9.4 / C-6-8.2
Installation height (X)	2.4m	2.4m	3m / 6m / 9m	3m / 6m
EN54-23 coverage (Y)	Cube YY = 9.0m	Cube YY = 6.2m	Cylinder Ø = 9.5m	Cylinder Ø = 9.4m & 8.6m
EN54-23 coverage volume	194m <sup>3</sup>	92m <sup>3</sup>	213m <sup>3</sup> / 425m <sup>3</sup> / 638m <sup>3</sup>	208m <sup>3</sup> / 348m <sup>3</sup>
Flash rate	0.5 Hz	0.5 Hz	0.5 Hz	0.5 Hz
Operating voltage range	12 to 29 V	12 to 29 V	12 to 29 V	12 to 29 V
Synchronisation	Automatically on power up, exceeds EN54-23 standard			

### Out of Box Contents

ENscape Sounder Beacon	Standard Device	First Fix Option	Deep / IP 65 Option	Deep / IP 65 & First Fix Option
Beacon including selected base	✓	✓	✓	✓
P pack (includes terminal block & continuity link)	✗	✓	✗	✓
O Ring for IP65 Sealing	✗	✗	✓	✓
Installation data sheet	✓	✓	✓	✓

### Accessories

Low Profile Bases	Deep Bases	IP and Earthing Kits
CSR – Red low profile base, pack of 5	CWR – Red deep / IP 65, pack of 5	PS 189 – Deep base gasket, pack of 5
CSW – White low profile base, pack of 5	CWW – White deep / IP 65 base, pack of 5	PS 188 – Deep base O Ring, pack of 5
		SC076 – Earth strap, pack of 5

### Ordering Information

Code	Body Colour	Flash Colour	Base Option	Install Option	Lens Colour	Example Part No.
CWST	R=Red	R=Red	S=Low Profile	5=Standard Fix	(all lenses - Clear)	CWST-RR-S5
	W=White	W=White	W=IP65/Deep	6=First Fix		CWST-WW-W6

### > Learn More:

For further information, please scan the QR code to access the Document Center on KAC Website.



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