

## VELOX 40340-C/40340-W & 40341-C/40341-W

Analogue Addressable Loop Powered Beacon  
Wall/Ceiling - Indoor/Outdoor



### Architectural & Engineering Specifications

Introducing our new range of sounder flashers with ground breaking technology superior to anything seen in this sector of the industry before. Each unit has its own microprocessor controlling the patented VERS (Velox Energy Recovery System) and additionally we have added LED status indication.

The loop powered 40340 beacon shall draw power directly from the analog loop; therefore, external power supply is not required.

Switch selectors for light intensity and flash rate are located within the device. Each parameter has two selectable levels—fast/high level and slow/low level. The beacon shall have two flash rates, 0.5Hz and 1Hz, and two light intensity levels, 75Cd and 140 cd.

The 40340 shall be automatically addressed by the fire alarm control panels or manually assigned an address by using the 40700 hand-held programming unit. ATEIS Velox Protocol enables secure data transmission over long distances. Advanced detection algorithms ensure thorough evaluation of the environments in which detectors are placed, and thus, fire signals are activated only when smoke is actually present preventing nuisance alarms. Actual alarms are visibly indicated with the Velox flasher, alerting occupants to the incident.

For the first time now, each flasher is equipped with status LED which will blink to present a healthy status on the flasher.

### Features

- Complies to EN 54-23:2010 & EN 54-17:2005
- World's lowest compliant flasher current consumption at only 2mA
- Heart beat status indicator
- 200 Flashers can be installed on a single loop
- In-built short circuit isolator
- Automatic & Manual addressing features
- Selectable flash rate & light output intensity
- Fully synchronized flashing
- Patented technology for the Micro power Velox Energy Recovery System (VERS)
- Deep base variants independently certified to IP655
- Years Manufacturer Guarantee
- Unique lens design giving 10m x 10m EN54 compliant coverage for wall mounted version.
- Body colour options available – Red and White

Each fire detection loop can accommodate up to 200 fire alarm flashers with in-built isolators, and the loop length can extend up to 2 km depending on load and loop length calculations.

Each beacon device is equipped with an in-built isolator to minimize loss of communication in case of short circuits. Hence there's no need for additional isolators or base isolators.

## Application

The 40340 is a light signaling device with adjustable light intensity and flash rates. The light intensity and flash rate selectors are located within the device. The beacon is activated by a specific command sent from the fire alarm control panels. Communication is established via the ATEIS Velox protocol.

## Physical Construction and Assembly

The 40340 is made of ABS-FR plastic, which provides the device with high strength and durability.

Light intensity and flash rate selection switches within the device allow two levels each for both the parameters. The devices are equipped with short-circuit isolators which monitor the detection loop.

## Technology

The beacon flashes in white with different settings for light intensity and flash rate. This offers flexibility in programming various combinations of 'cause & effect' functionalities for issuing visual alerts for evacuation.

## Approvals & Compliance with Standards

The 40340 is compliant with British-European standards for beacons. The entire VELOX range of fire detection and annunciation devices confirms EN54 part 23 and EN54 part 17 standards

## Technical Specifications

Item	Specification Details
Standards	EN 54-23:2010 & EN 54-17:2005
Protocol	ATEIS
Operating Temperature	-30°C to +70°C
Operating Humidity	95% non condensing
Ingress Protection	IP21C (for Indoor) ; IP33 (for outdoor)
Operating voltage range	15-40 V
Standby current @ 24V	70 µA
Wire gauge range for the terminals	0.5 - 2.5 mm <sup>2</sup>
Minimum alarm current consumption range @24V	2 mA
Light luminous intensity range	75 cd / 140 cd
Flash rate range	0.5 / 1 Hz

## Order Codes

Part No.	Description
40340-C	Analogue Addressable Flasher - Ceiling Mounted
40340-W	Analogue Addressable Flasher - Wall Mounted
40341-C	Weatherproof Analogue Addressable Flasher - Ceiling Mounted
40341-W	Weatherproof Analogue Addressable Flasher - Wall Mounted