

EN54-23 VAD (Visual Alarm Device)



Product Overview

Elmdene's VAD (Visual Alarm Device) for Fire systems is an LPC approved EN54-23 compliant product that is capable of C-3-15 performance (ceiling mounted beacon). With its universal mounting plate it can accommodate any detector base, providing a coverage area of 3m height and 15m diameter. This coverage matches the allowable coverage of smoke detectors enabling customers a simple method of specifying and installing the devices.

The new standard presents a challenge to specifiers and installers in the early days as the question arises of how many strobes they will need to fit to comply with the minimum light coverage requirements. The positioning of smoke detectors is well established as it has been standard for many years; matching the beacon coverage to allowable smoke detector position and coverage should enable simple choices and costings.

Each VAD is supplied with a fixing plate and a blanking plate. An approved detector and standard base should be attached to the fixing plate or, if not required, the blanking plate must be inserted.

Features

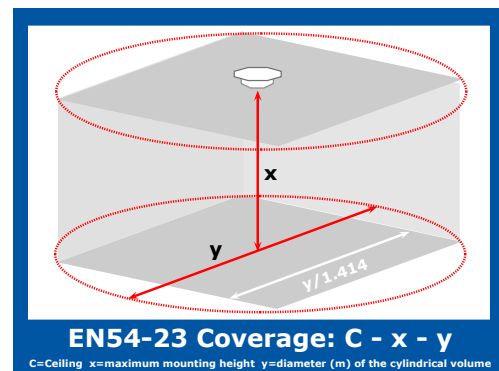
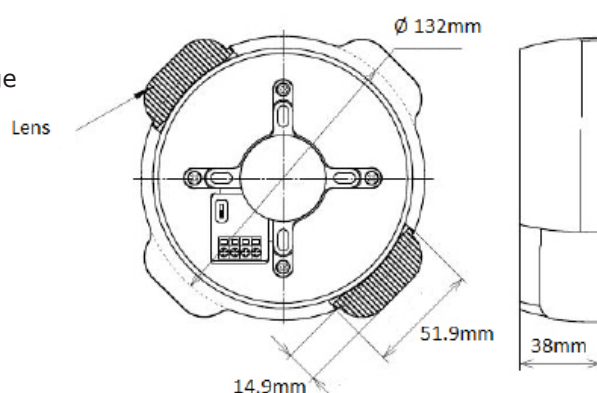
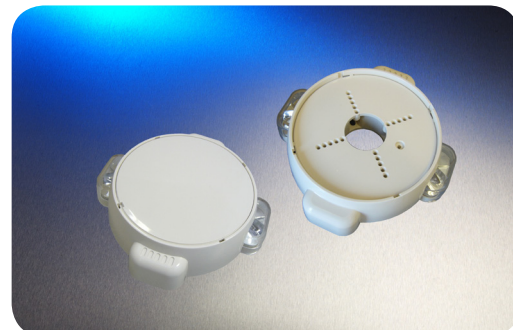
- Universal detector base mounting
- LPC Approved to EN54-23:2010
- Provides coverage of C-3-15 area
- Low power LED technology
- Simple to design and install
- Wide range of power input: 18-30V dc

Benefits

- Unique universal base design for all detector bases
- Switchable to C-3-12 coverage if power saving required
- Simple C-3-15 solution makes designing a compliant solution easy
- Powered and synchronized from 24V dc PSU, therefore no need for central synchronisation

Specification

Product rating: Switchable C-3-15 / C-3-12
Operating voltage: Nominal 24V dc (18V to 30V dc)
Operating current: 36mA @ C-3-12 / 46mA @ C-3-15
Flash rate: 0.5 Hz
Emitter: LED x 8
Size: 147 x 132 x 38 mm
Colour: White
Installation environment: Indoor Type A VAD
Installation mounting pitch: 52.5 to 62.5 mm
Cable connection: 2.5mm² cross sectional area
Terminal connection: 4 terminals ++ / --
Synchronisation: Accuracy within 50mS over a 30 minute period



Warranty

3 Years

Part Number

FBC100-3-15

Approvals

ROHS Compliant
CE marked
LPC Approved EN54-23:2010 Compliant

