NOTIFIER® by Honeywell

Intelligent Beacons

Visual Alarm Devices (VAD)



General

NOTIFIER's NFX VAD-series AS ISO 7240.23 Visual Alarm Device is a high quality loop powered beacon intended to alert all building occupants of an emergency. Designed and approved to meet AS ISO 7240.23, the device generates 360° light coverage making it suitable for both wall and ceiling mount applications. It utilizes a B501AP base for enhanced installation flexibility and reduced inventory.

Features

Simple, Fast, Flexible Installation

- Large cable access
- Rear or surface cable entry
- Loop continuity spring

Quality & Reliability

- High quality robust materials for longer life
- UV stable materials
- Robust construction for added impact resistance

Reduced Install Error & Easy Diagnosis

- Positive "poke yoke" engagement
- Anti-tamper feature
- In-built loop isolator

Excellent System Performance

- High output LED technology ensures optimum light output
- Automatic synchronization of beacon flash

Flexible System Design

- 360° light output makes device suitable for wall & ceiling mount applications
- Rotary wheels for clear address indication
- Low profile & deep base options

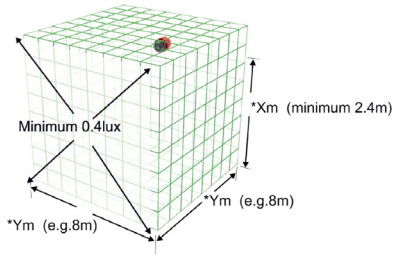
Reduced Inventory Count

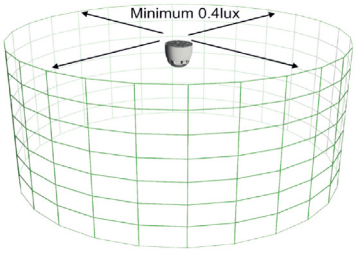
- Backward compatible CLIP Protocol

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





Technical Overview

NOTIFIER's AS ISO 7240.23 approved VAD is a high quality device designed for fast and simple installation and control. It is powered by the fire panel via the loop wiring. Operation and control of the device is via CLIP Protocol. The device is installed simply by a twist fit onto the B501AP base.

Approved to AS ISO 7240.23 C & W Category

Specifications

Electrical Specification

OPERATING VOLTAGE	15 - 29 VDC
STANDBY CURRENT	450 µA
TYPICAL CURRENT CONSUMPTION	31 mA @ 24VDC
MAXIMUM CURRENT CONSUMPTION	40 mA @ 20VDC
VAD FLASH RATE	0.5 Hz
MAXIMUM DEVICES PER LOOP	99

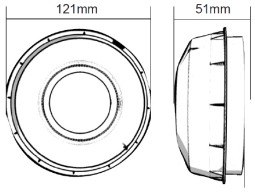
Environmental Specifications

OPERATING TEMPERATURE	-25 °C to +70 °C
RELATIVE HUMIDITY	93% ±3% non condensing
INGRESS PROTECTION	IP21C (with low profile base + IP21 seal) IP65 (deep base + seal kit)

Mechanial Specifications

BODY COLOUR	Pure White
LENS COLOUR	Clear
WEIGHT	210 g
CABLE TERMINAL SIZE	0.5-2.5 mm^2 max

Wiring and Dimension



Product Performance

INTELLIGENT VAD	CEILING MOUNT C -CATEGORY	CEILING MOUNT W- CATEGORY
FLASH COLOUR	White	White
AS ISO 7240.23 COVERAGE VOLUME	C- 3- 5.1 / C- 6- 5.1 / C- 9- 5.1	W- 2.4- 2.7
INSTALLATION HEIGHT (X)	3m / 6m/ 9m	2.4m
AS ISO 7240.23 COVERAGE	Cylinder Ø= 5.1 m	Cube= 2.7 m
AS ISO 7240.23 COVERAGE VOLUME	61 m^3 / 122 m^3/ 183 m^3	18 m^3
FLASH RATE	0.5 Hz	0.5 Hz
OPERATING VOLTAGE RANGE	15 - 29 VDC	15 - 29 VDC

Ordering

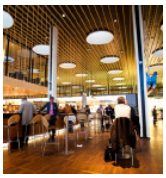
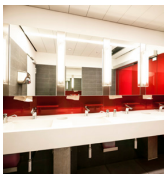
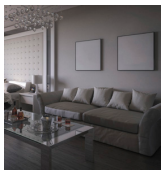
VAD-PC-102	Notifier CLIP pure white Beacon, white flash, clear lens, with Isolator
B501-AP	Low profile base, pure white
WPW	Waterproof AV-device base, pure white for Intelligent range

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 7240.23:2014 C & W Category; SAI Global certificate # SMK40640-4

Applications


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