Fircroft TECHNOLOGIES

NB100

EN54-23 approved High output LED VAD

This high output EN54 approved LED VAD provides a high efficiency, low power solution for alarm signalling in an easy to install design.

The alarm mode is monitored and the FPC circuit ensures flash brightness levels are consistent.

This VAD (visual alarm device) has a unique first fix installation method in the base enabling quick installation to provide a competitive solution.

The high quality and robust design ensures that the user has trouble free operation over the life of the product, even in tough environments.

With a range of selectable flash options, the product is suitable for a wide range of applications.
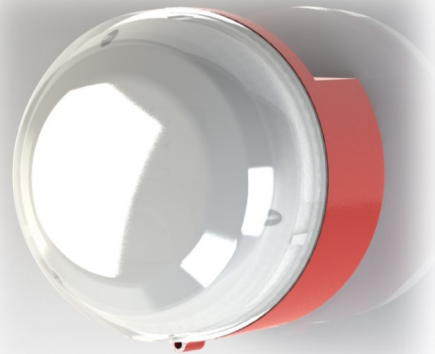
Key Features

Quick First fix installation
Wide operating voltage up to 56Vdc
Low power consumption
High output mode
Reverse polarity monitoring
Selectable flash options
Fully synchronised
IP65 and Type B approved with Deep base
Large 720m³ EN54-23 coverage volume

Key Benefits

Reduces costs where multiple VAD are required.

Full synchronisation across tones and flashes on all products in the range enabling very flexible system upgrades and changes.

Cover areas with fewer devices to reduce installation costs
Robust and reliable, lower maintenance costs

High specification and efficiency simplifies product selection

Applications

Hospitals, Shopping Malls, Commercial and Industrial sites, Power stations, Airports, Railway stations, Stadiums etc.. Where vandal resistant products are required.
Where low power consumption is required with a high light output

Product data

Specification

	Compliant operating range	
Supply voltage range	18—56 V dc	
Current consumption @ 24Vdc	20mA to 60mA dependent on setting	
Cable monitoring	Reverse polarity monitoring	
Terminal size	0.28 to 2.5mm² conductor	
LED Configuration	Red or White LED's	
Mounting	Wall	
EN54 –23 coverage	See table below (Greater than 5 Watt Xenon strobe output)	
EN54 –23 coverage	Up to 720m³	
Flash options	High and low output, 1s and 2s flash rates DIL switch selectable	
Material	V0 rated ABS base, V0 Polycarbonate lens	
Weight	251g	
Base colour	White or Red	
Lens colour	Clear or Red	
Fixing method	Body to base – Bayonet auto connect, Base to wall - Screw	
Operating temperature	–25°C to +75°C	
IP Rating	Type B ; IP65 (deep base)	

Dimensions
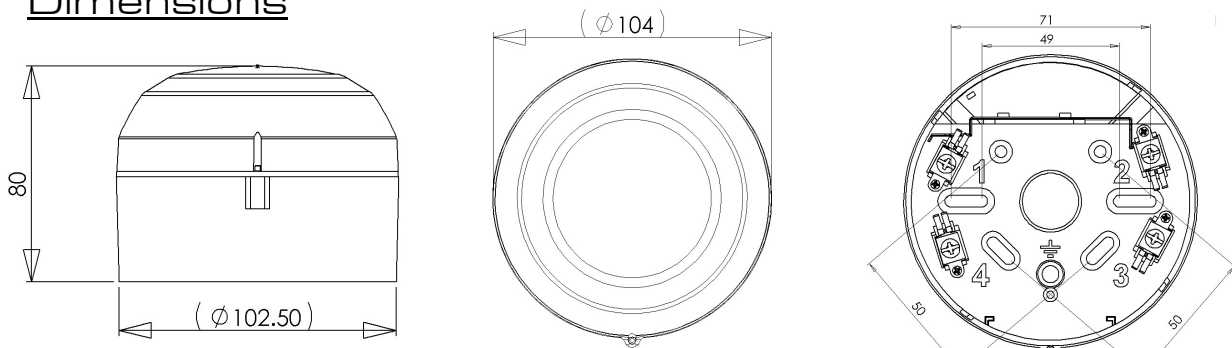
VAD coverage

Switch Number	Function	NB100 VAD EN54-23 code / coverage volume	
1 2 3		WHITE flash	RED flash
0 0 0	1s Low power	W-3-9/243m³	W-2.4-7/117m³
0 0 1	1s High power	W-5-12/720m³	W-2.4-9.5/216m³
0 1 0	2s Low power	W-3-9/243m³	W-2.4-7/117m³
0 1 1	2s High power	W-5-12/720m³	W-2.4-9.5/216m³

Order codes

NB100R-W-D	White high output strobe with red deep IP65 Type B base
NB100R-R-D	Red high output strobe with red deep IP65 Type B base
NB100R-W-S	White high output strobe with red shallow Type B base
NB100R-R-S	Red high output strobe with red shallow Type B base

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