

# EN54-23

## Intelligent Detector Base Strobe EN54-23 C Category

Honeywell Morley-IAS's Detector Base Strobe is a modular, high-output loop powered device intended to alert all building occupants of a potential fire.

Approved to EN54-23 & EN54-17, it enables a complete, fully compliant and cost-effective fire alarm system by reducing installation and commissioning costs through fewer wiring points.

The Honeywell Morley-IAS solution enables easy system extensions in legacy and new projects, thereby providing the highest level of protection for all building occupants – from a trusted brand.

*Important Note: To achieve an IP21C rating, the provided seal must be fitted to the product.*



Detector purchased separately

## FEATURES AND BENEFITS

- Efficient light output and power consumption enables more devices on a loop
- Single point of installation - saves time, cost & inventory
- Red flash - industry preferred colour for evacuation
- Single point of installation means fewer wiring points and simplified system maintenance
- Modular design allows individual components to be replaced separately
- Backwards compatibility with red flash, B501 base
- Large cable access, rear or surface cable entry
- Simple twist fit onto universal B501AP base
- Rotary wheels & address tags for clear address indication
- Loop continuity spring supports first fix installation
- Independently approved to all required standards:
  - Manufacturing: Construction Products Regulation (CPR).
  - Product performance: Approved to EN54-23, EN54-17
- Environmental: RoHS, WEEE, REACH

## APPLICATIONS



OFFICE  
BUILDINGS



PUBLIC  
BUILDINGS



BATHROOMS



HOTELS



NOISY  
ENVIRONMENTS

## CERTIFICATIONS



VdS (pending)

## TECHNICAL OVERVIEW

Honeywell Morley-IAS's EN54-23 approved Detector Base Strobe is a loop powered, 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 System Sensor Advanced or CLIP Protocol. The device is installed simply by a twist fit onto the universal B501AP base.

## ELECTRICAL SPECIFICATION

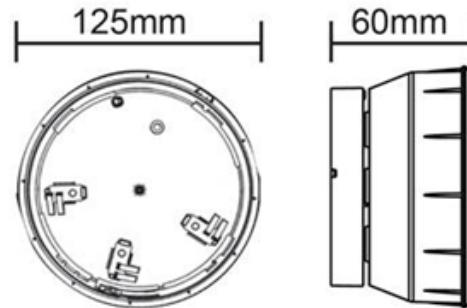
- Supply Voltage: 15 to 29 VDC (Isolation)
- Standby Current: 150 uA maximum
- Current consumption, typical strobe in alarm: 15mA @ 24V
- Strobe Flash Rate: 0.5 Hz / 1 Hz

## ENVIRONMENTAL SPECIFICATION

- Operating Temp: -10°C to 55°C
- Relative Humidity: 93% ± 3%, non-condensing
- Ingress protection: IP21C (with low profile B501AP base and IP Seal)

## MECHANICAL SPECIFICATION

- Colour: Pure white
- Lens Colour: Clear
- Weight net/ gross: 271g / 291g
- Cable Terminal Size: 1.5 - 2.5mm<sup>2</sup> max
- Mountin Options: Low profile



### APPROVALS

EN54-23 Light

EN54-17 Short circuit Isolator

For RoHS, WEEE & REACH information  
please visit [www.morley-ias.co.uk](http://www.morley-ias.co.uk)

### EN54-23 VAD PERFORMANCE

DETECTOR BASE STROBE	MI-BGL-PC-I / BGL-PC-100
EN 54-23 Coverage volume code	C-3-8.5
Installation height (X)	3m
EN 54-23 Coverage (Y)	Cylinder Ø = 8.5m
EN54-23 Coverage Volume	170 m <sup>3</sup>
Flash rate	0.5 Hz
Operating volatetg range	15 to 29V
Flash Colour	Red
Mounting	Ceiling Mount: C-Category

### Morley-IAS Protocol

### ORDERING INFORMATION

Product Code MI-BGL-PC-I

### System Sensor Protocol

### ORDERING INFORMATION

Product Code BGL-PC-100

### BASES

B501AP - Low profile base

### Honeywell Morley-IAS

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We reserve the right to amend the content of this  
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FIRE SYSTEMS