

# KAC Visible Range

## Intelligent Detector Base Strobe EN54-23 "C" Category

### > Product Overview

KAC'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 KAC 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.



### > Certification



VdS (pending)

### > Product Benefits

#### Fully compliant & efficient fire system

- 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
- Advanced Protocol enables device function control & group polling

#### Flexible, simplified & fast installation

- 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

#### Reduced inventory count, lower cost of ownership

- Single point of installation means fewer wiring points & simplified system maintenance
- Modular design allows individual components to be replaced separately
- Backwards compatibility with red flash, B501 base, Advanced Protocol ensures devices can work on the same loop

#### Quality & reliability from a trusted supplier

- Independently approved to all required standards:
  - Manufacturing: Construction Products Regulation (CPR).
  - Product performance: Approved to EN54-23 and EN54-17
- Environmental: RoHS, WEEE, REACH

### > Applications



Office buildings



Public buildings



Bathrooms



Hotels



Noisy environments

# KAC

BGL  
Rev. No. 2

## Technical Overview

KAC'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

## Mechanical Specification

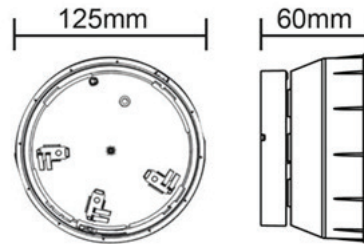
Colour:	Pure white
Lens Colour:	Clear
Flash colour:	Red
Weight net/ gross:	271g / 291g
Cable Terminal Size:	1.5 - 2.5mm <sup>2</sup> max
Mounting Options:	Low profile

## 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)

## Approvals

Approved To:	EN54-23 Light EN54-17 Short circuit Isolator For RoHS, WEEE & REACH information please visit <a href="http://www.kac.co.uk">www.kac.co.uk</a> visit <a href="http://www.kac.co.uk">www.kac.co.uk</a>
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## EN54-23 VAD Performance

Detector Base Strobe	BGL-PC-lxx
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 voltage range	15 to 29V
Flash Colour	Red
Mounting	Ceiling Mount: C-Category

## Ordering Information

Product Code	Detector Base VAD	Flash Colour	Body Colour	Lens Colour	Isolation	Protocol
BGL-PC-lxx	B= Base	Red	P= Pure White	C= Clear	I= Isolated	xx= customer protocol

xxCustomer ID

## Bases

B501AP - Low profile base

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