COOPER Safety
Fire Systems

EN54

Loop Connected LED Beacon MAB870

MAB870 loop connected LED beacon

Overview

The Menvier intelligent addressable loop connected LED beacon is available to complement audible alarms for use in areas either where people may be present who have impaired hearing or areas with high ambient noise levels.

The Menvier MAB870 is designed for both wall and ceiling mounting, has a built in short circuit isolator and is soft addressed for ease of installation.

Features

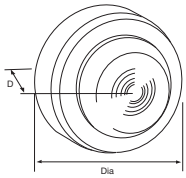
- High efficiency design
- LED technology
- Low profile design

Benefits

- Low current
- High efficency LED / visual unit suitable for DDA compliance

Intelligent Addressable Loop Connected LED Beacon - MAB870

Dimensions



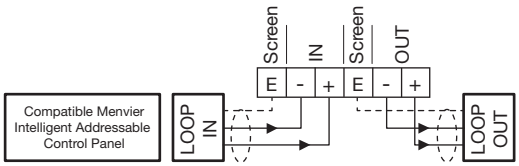
Dia (mm)	D (mm)
95	53

Technical Specification

Code	MAB870
Description	Loop connected LED beacon
Specification	
Operating Voltage	17V dc to 32V dc
Standby Current	< 250µA
Alarm Current	< 4.1mA
Flash Frequency	1/2Hz
Environmental	
Operating Temperature	-10°C to +55°C
Humidity (Non Condensing)	0 to 95% RH
Physical	
Construction	PC/ABS
Colour	Red
Dimensions (Dia x D)	95mm x 53mm
Weight	0.15kg
Ingress Protection	IP54
Compatibility	
Suitable for use with	Menvier intelligent addressable fire systems

Standard Connection

MAB870



WARNING:
Do NOT use high voltage testers if ANY equipment is connected to the system.

Screen (Earth) must be continuous along entire length of loop.

Installation

1. Installation is simple using first fix base.
2. First fix base is fixed to mounting surface via 2 fixings holes.
3. Cable entry is from the rear.
4. Connections are to connector block on beacon body.
5. Beacon body is pressed into first fix base then twisted to lock into position.

System Functionality

1. Utilises multiple LED's combined with careful optical design to provide high intensity flash with low current consumption.
2. Low profile design for discreet installation.

Product Codes

Code	Description
MAB870	Intelligent addressable loop connected LED beacon

Cooper Lighting and Safety Ltd, Wheatley Hall Road, Doncaster, South Yorkshire, DN2 4NB. UK.
T: +44 (0) 1302 303350 I F: +44 (0) 1302 303332 I E: techsupport@cooperfire.com I W: www.cooperfire.com