

## LED Beacons MLB124SB and MLB124DB



MLB124DB weatherproof LED beacon



MLB124SB low profile LED beacon



low profile base



weatherproof base

### Overview

This range of Menvier LED beacons 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.

LED technology offers a greatly reduced current consumption compared to xenon types making them ideal for use with fire panels with restricted sounder circuit current capacity.

#### MLB124SB

The MLB124SB low profile LED beacon is simple to install, and offers a reduced depth with pre-drilled fixing and cable entry holes, suitable for both wall or ceiling mounting. This beacon utilises 18 carefully positioned LED's to provide a high intensity output. Both output intensity and flash frequency is selectable using internal DIP switch.

#### MLB124DB

The MLB124DB weatherproof LED beacon is IP65 rated making them ideal for industrial applications. This beacon utilises 18 carefully positioned LED's to provide a high intensity output. Both output intensity and flash frequency is selectable using internal DIP switch.

### Features

#### MLB124SB

- Unobtrusive low profile design
- Low power consumption LED's
- Choice of flash frequency
- Choice of power settings
- Pre drilled cable entries

#### MLB124DB

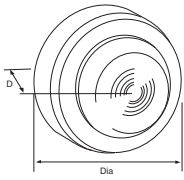
- Weatherproof version (IP65)
- Low power consumption LED's
- Choice of flash frequency
- Choice of power settings
- Choice of cable entry positions

### Benefits

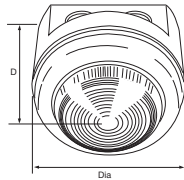
- Low power requirement
- Selectable flash frequency
- Selectable flash intensity

# Conventional LED Beacons - MLB124SB and MLB124DB

## Dimensions



Low profile  
LED beacon



Weatherproof  
LED beacon

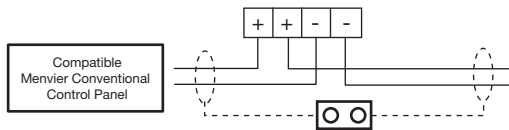
| Description             | Dia (mm) | D (mm) |
|-------------------------|----------|--------|
| Low profile LED beacon  | 95       | 53     |
| Weatherproof LED beacon | 95       | 80     |

## Technical Specification

| Code                      | MLB124SB  | MLB124DB  |
|---------------------------|---|---|
| Description               | Low profile LED beacon                          | Weatherproof LED beacon                         |
| <b>Specification</b>      |   |   |
| Operating Voltage         | 18V dc to 30V dc                                | 18V dc to 30V dc                                |
| Current Consumption       | 3 to 6mA at 24V dc (depending on power setting) | 3 to 6mA at 24V dc (depending on power setting) |
| Flash Frequency           | 30 or 60 per minute (selectable)                | 30 or 60 per minute (selectable)                |
| <b>Environmental</b>      |   |   |
| Operating Temperature     | -10°C to +55°C                                  | -10°C to +55°C                                  |
| Humidity (Non Condensing) | 0 to 93% RH                                     | 0 to 93% RH                                     |
| <b>Physical</b>           |   |   |
| Construction              | PC/ABS  | PC/ABS  |
| Colour                    | Red   | Red   |
| Lens Colour               | Red   | Red   |
| Dimensions (Dia x D)      | 95mm x 53mm                                     | 95mm x 80mm                                     |
| Weight                    | 0.1kg   | 0.15kg  |
| Ingress Protection        | IP54  | IP65  |
| Cable Entry               | Rear  | Rear/side                                       |
| <b>Compatibility</b>      |   |   |
| Suitable for use with     | Menvier conventional fire systems               | Menvier conventional fire systems               |

## Standard Connection

### MLB124SB / MLB124DB



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

Screen (Earth) must be continuous along entire length of cable

## Installation

### MLB124SB

1. Supplied with simple to install first fix mounting base.
2. Fixing and cable entry holes are pre-drilled.
3. Cable entry is from rear.
4. Connections are to main beacon body.
5. Separate alarm line in / out terminals are provided.
6. Main body is pushed into base and then twisted to lock into place.

### MLB124DB

1. Supplied with simple to install first fix mounting base.
2. Cable entry is from rear or side.
3. Connections are to main beacon body.
4. Separate alarm line in / out terminals are provided.
5. Main body is pushed into base and then twisted to lock into place.

## Interface Options

### MLB124SB / MLB124DB

1. Operates from nominal 24V dc supply and can be connected to any suitably rated conventional sounder circuit.

## Product Codes

| Code     | Description                          |
|----------|--------------------------------------|
| MLB124SB | Conventional low profile LED beacon  |
| MLB124DB | Conventional weatherproof LED beacon |