MOFLASH SIGNALLING

LEDA100 ECO



Overview

VISUAL & ACOUSTIC SIGNALS - INDUSTRIAL - LED ECO SOUNDER/BEACON

The LEDA100 ECO Series is suitable for light commercial & industrial signalling applications where local indication is required. The range has been designed to offer a cost-effective solution against more traditional incandescent types of lamps, whether through new plant and machinery installations or existing facility upgrades. The design allows for termination inside the enclosure through the base.

The LEDA100 Sounder/Beacons have two selectable stages of alarm, **Flashing** or **Continuous** (Static) mode, which are selectable via a Jumper Link on the PCB. The design also allows for a third wire connection giving flexibility to switch from a pre-set Static Mode to Flashing. One Piezo Buzzer is situated in the base of the unit that is synchronized to the flash rate, offering a combined audible & visual warning signal. Please note, the Buzzer cannot be controlled independently of the light.

If you require a different mounting Base option, please refer to our LED100 or LEDS100 Datasheet.
If you only require a visual signal with the same mounting base, please refer to our LEDD100 Datasheet.

Features

- Continuously rated
- Flashing or Static
- Low current consumption
- Suitable for surface or wall mounting
- Optional wall bracket - See accessories on page 2
- 3 point fix
- 360° light output around the vertical axis
- Available in 12vAC/DC, 24vAC/DC, 48vAC/DC and 115/230vAC/DC

Material

- UV Stable Polycarbonate Lens
- UV Stable ABS Plastic Base

IP 65

8 SMT LED

160 FPM*

80dB (A) @ 1m

-25 to +55°C

50/60Hz

*Flashes Per Minute

ISSUE 1

APPROVALS & CONFORMITIES

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Ordering Information

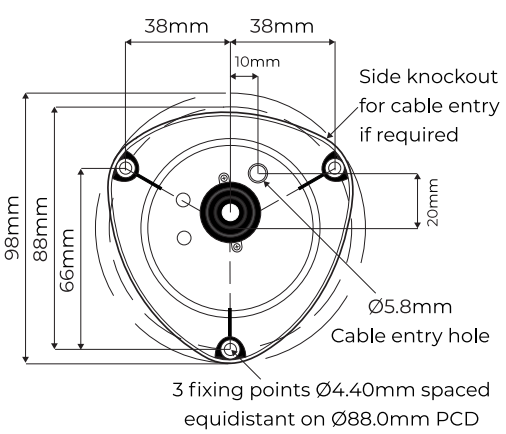
Voltage		Ordering Information			Mode & Current Consumption		
Nominal Voltage	Voltage Range	Amber	Red	Green	Flashing	Static	Buzzer*
12vAC/DC	10-17vAC/DC	LEDA100-01-01	LEDA100-01-02	LEDA100-01-04	120mA @12vDC	206mA @12vDC	122mA @12vDC
24vAC/DC	20-30vAC/DC	LEDA100-02-01	LEDA100-02-02	LEDA100-02-04	76mA @24vDC	120mA @24vDC	87mA @24vDC
48vAC/DC	35-85vAC/DC	LEDA100-03-01	LEDA100-03-02	LEDA100-03-04	50mA @48vDC	78mA @48vDC	55mA @48vDC
115-230vAC/DC	85-280vAC/DC	LEDA100-05-01	LEDA100-05-02	LEDA100-05-04	19mA @230vAC	28mA @230vAC	21mA @230vAC

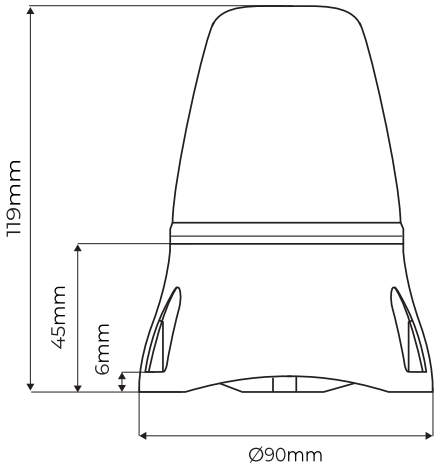
*Current Consumption including flashing mode + buzzer

Effective Candela (Cd) - Formula Blondel-Rey		
Amber	Red	Green
7.57	3.58	5.07

Weights & Dimensional Drawings

Kg	12v	24v	48v	230v
Net Weight	0.102	0.102	0.132	0.132
Gross Weight	0.155	0.155	0.185	0.185





Accessories

Part Code	Description
50003	Cage Guard - Suitable for use with the 100 & 125 Series Beacon range **(Cannot be fitted with Wall Bracket).**
50007	Angled Wall Bracket - Suitable for use with the 100 & 125 Series Beacon range **(Cannot be fitted with Cage guard).**
50045-SK	Amber Lens - Suitable for use with the 100 Series Beacon range.
50046-SK	Red Lens - Suitable for use with the 100 Series Beacon range.
50048-SK	Green Lens - Suitable for use with the 100 Series Beacon range.


50003


50007


50045-SK


50046-SK


50048-SK

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