

# B300LDA LED Beacon [Multi-Function Array]

The B300 series is comprised of a Xenon strobe beacon, permanent filament bulb or halogen beacon, blinking filament bulb or halogen beacon, rotating beacon and a multi-function LED array beacon.

The surface mount base can also be supplied with a right angle bracket or with a pole mounted assembly.

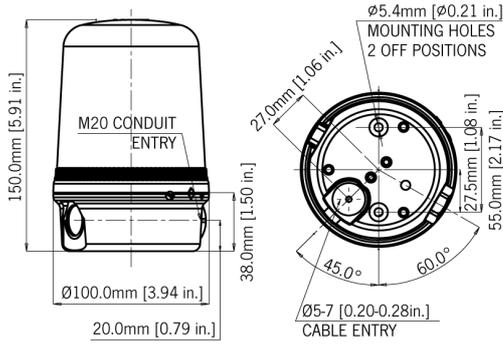
## Features

- Bayonet fixing lens.
- Anti-tamper locking screw.
- Stainless steel fixings.
- Total of 9 user selectable operation modes:
  - 4 rotating configurations.
  - 4 flashing configurations.
  - Steady mode for status applications.
- The multi-voltage DC unit also features a remotely selectable 2nd stage flash pattern.

## Approvals

- GOST-R certificate: POCC G.B.JB05.H00144.





### Specification

Light source:	Array of 16 High output L.E.D.'s
Functions:	4 rotating configurations. 4 flashing configurations. Steady mode for status applications.
Peak/Effective Intensity cd:	19 cd* - measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear (White L.E.D.), Green, Red & Yellow
Lens type:	Prismatic (standard) or plain
Mounting:	Surface mount (right angle or pole mount accessories available)
Entries:	1 x 5-7mm push through grommet 1 x M20 cable entry
Dimensions:	Ø100 x 150mm
Ingress protection:	IP65
Housing material:	High impact UL94 V0 (f1) PC
Lens material:	High impact UL94 V0 (f1) PC
Terminals:	1.5 mm <sup>2</sup> flying lead assembly
Operating temp:	-25 to +50°C [-13 to +122 °F]
Storage temp:	-40 to +70°C [-40 to +158°F]
Relative humidity:	90% at 20°C [68°F]
Weight:	370g/0.81lbs
*Candela measurements representative of performance with clear lens at optimum voltage	

### Part Codes

Version:	Part code:
10-50V dc	B300LDA050B/[x]
90-2 30V ac	B300LDA2 30B/[x]

[x] = Lens colour: A: Amber  
B: Blue  
C: Clear  
G: Green  
R: Red  
Y: Yellow

### Current Consumption

Version:	Current mA:
10-50V dc	130mA @ 2.4V dc
90-2 30V ac	50/60Hz 90mA @ 115V ac 50mA @ 230V ac

### Beacon modes

Mode:	Stage 1	Stage2 [DC only]
1	All L.E.D's on	Alternate Side Flash 2Hz
2	Rotating: Slow1	Alternate Side Flash 2Hz
3	Single Strike Flash 2Hz	Rotating: Fast 2
4	Rotating: Fast 1	Single Strike Flash 2Hz
5	Rotating: Slow 2	Double Strike Flash 1Hz
6	Double Strike Flash 2Hz	Rotating: Fast 2
7	Rotating: Fast 2	Double Strike Flash 2Hz
8	Double Strike Flash 1Hz	Alternate Side Flash 2Hz
9	Alternate Side Flash 2Hz	Rotating: Fast 2

**AUTHORIZED DISTRIBUTOR:**  
**GasDetectorsUSA.com**  
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**sales@GasDetectorsUSA.com**  
**832-615-3588**

### E2S Warning Signals

No liability is accepted for any consequence of the use of this document. The technical specification of this unit is subject to change without notice due to our policy of continual product development. All dimensions are approximate. This unit is sold subject to our standard conditions of sale, a copy of which is available on request.

15 Dec 2014