L101X Xenon Beacon

The L101X is a compact, robust 5 Joule Xenon strobe beacon ideal for all general signalling applications including fire, security and process control. CPR compliant – tested to EN54-23.

CPR compliant, approved to EN54-23:2010 for use in fire alarm systems, the L101X also carries GOST approval and cULs approval for general signalling. Featuring an automatically synchronised flash rate of 1Hz (60 flashes per minute) as standard, the DC voltage versions also have user selectable 1.5Hz (90 flashes per minute) and double-strike flash rates.

Features

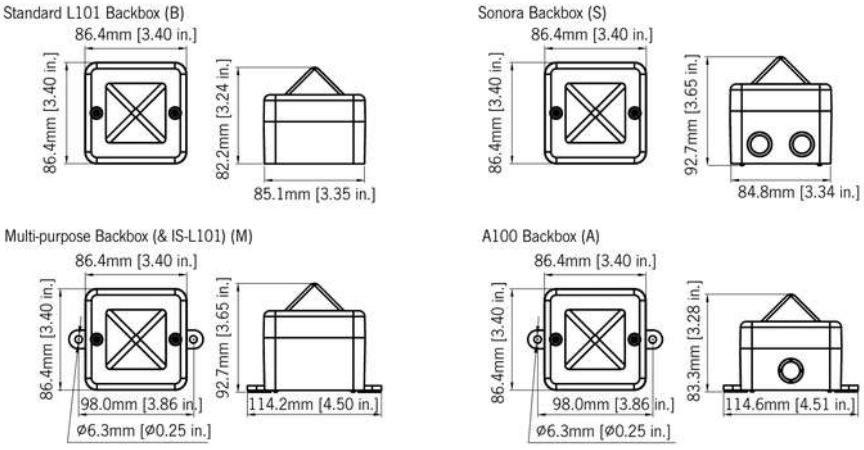
- Back boxes available with and without mounting lugs.
- Pluggable terminals.
- In and out terminals.
- Multiple, user selectable flash rates.
- User replaceable Xenon tube lamp.
- Tropicalisation available on request.
- Can be stacked to create multi-signal units.
- Can be combined with AlertAlarm & Sonora audible signals.

Approvals

- CPD approval: 0786-CPD-21247 to EN54-23:2010.
- VdS certificate: G211077 (24 & 48Vdc versions).
- UL & cULs approved: General signalling use.
- GOST-R certificate: POCC GB.JB05.H00144.







Specification

Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
	DC units: Optionally 1.5Hz & double strike
Peak Candela:	500,000 cd – calculated from energy (J)
Effective Intensity cd:	250 cd – calculated from energy (J)
Peak Candela:	86,935 cd* – measured ref. to I.E.S.
Effective Intensity cd:	200 cd* – measured ref. to I.E.S.
Terminals:	0.5 to 4.0mm² cables.
Lens colours:	Amber, Blue, Clear, Green, Red, Yellow
Tube life:	Emissions are reduced to 70% after 8 million flashes
General:	
Ingress Protection:	IP66
Housing material:	UL94V0 & 5VA FR ABS
Housing colour:	RAL3000 Red, RAL7038 Grey and White
Lens material:	PC
Fixings:	Stainless Steel
Operating temp:	-25° to +55°C [-13° to +131°F]
Storage temp:	-40° to +70°C [-40° to +158°F]
Relative humidity:	90% at 20°C [68°F]
Weight:	0.20kg/0.44lbs

*Candela measurements representative of performance with clear lens at optimum voltage.

Part Codes

Version:	Part code:
12V dc/ac	L101XDC012[b][x]/[y]
24V dc/ac	L101XDC024[b][x]/[y]
48V dc	L101XDC048[b][x]/[y]
48V ac	L101XAC048[b][x]/[y]
115V ac	L101XAC115[b][x]/[y]
230V ac	L101XAC230[b][x]/[y]
[b] = Back box type:	B: standard L101 type M: Multi-purpose type A: A100 type S: Sonora type
[x] = Housing colour:	G: Grey, R: Red, W: White
[y] = Lens colour:	A: Amber, B: Blue. C: Clear, G: Green, M: Magenta R: Red, Y: Yellow

Suffix part number with '-UL' for UL approved version
B, A and M back box options only – see product outline drawings for full details
UL version approved for general signaling (non fire alarm) use.

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.