

# L101T Xenon, L.E.D., Filament Lamp Beacon Tower

The L101T is a customisable signal featuring a tower of 3 L101 type beacons. Each beacon can contain either a Xenon, L.E.D. or filament lamp light source.

### Part codes:

Version:	Part code:
12V dc	L101TDC12[x]/[zy]/[zy]/[zy]
24V dc	L101TDC24[x]/[zy]/[zy]/[zy]
115V ac	L101TAC115[x]/[zy]/[zy]/[zy]
230V ac	L101TAC230[x]/[zy]/[zy]/[zy]
[x] = Housing colour: G: Grey, R: Red, W: White	
[z] = Beacon type: X: Xenon, L: L.E.D., B: Bulb	
[y] = Lens colour: A: Amber, B: Blue, C: Clear, G: Green, O: Opal, R: Red, Y: Yellow	

Add 'TB' to part number for Terminal Box

e.g.: L101TDC24G/LG/XA/XR  
Green L.E.D. + Amber Xenon + Red Xenon  
with Grey housing.

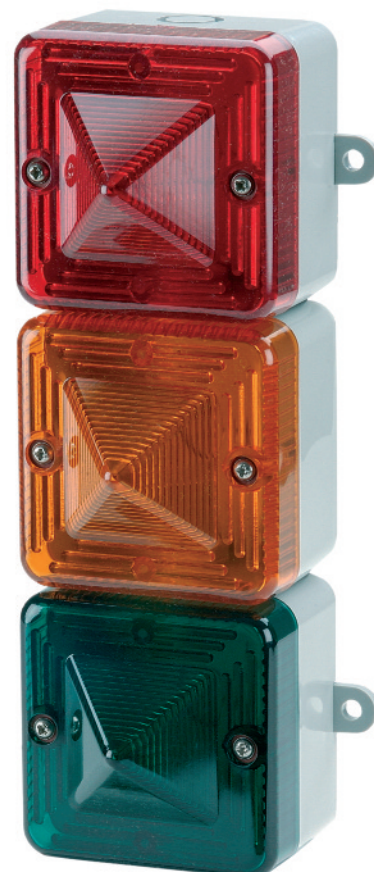
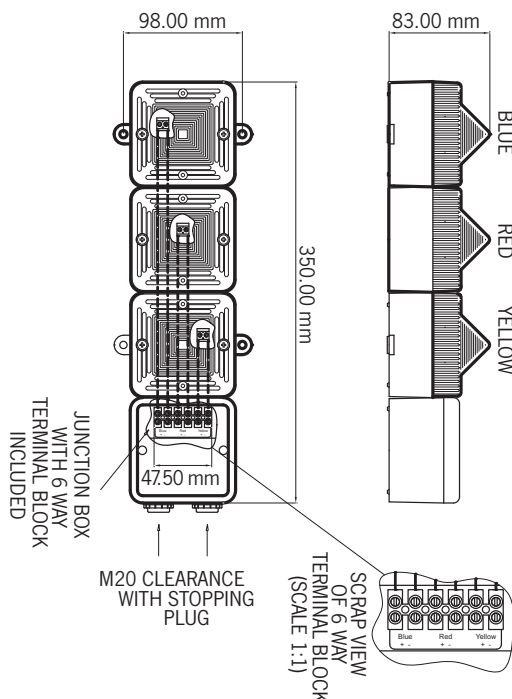
e.g.: L101TAC115R/BG/XA/LR-TB  
Green Bulb + Amber Xenon + Red L.E.D.  
with Red housing and terminal box.

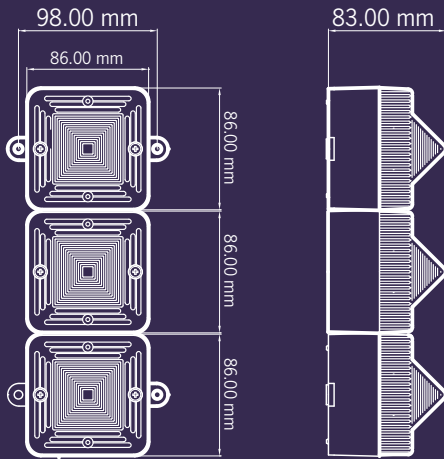
### Features:

- Tropicalisation available on request
- Can be combined with Sonora audible signals - see STL1 data sheet

### Approvals:

- GOST-R certificate: POCC GB.JB05.B02228



**Specification:****L101 - Xenon:**

Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	86,935 cd
Effective Intensity cd:	200 cd*
Terminals:	0.5 to 4.0mm <sup>2</sup> cables.
Lens colours:	Amber, Blue, Clear, Green, Opal, Red, Yellow
Tube life :	Emissions are reduced to 70% after 8 million flashes
Synchronisation:	'Synch' version available providing full synchronisation on multi-beacon systems.

**L101L - L.E.D.:**

Light source:	High intensity L.E.D. array.
Options:	Steady or blinking (2Hz) mode.
Effective Intensity cd:	2 cd*
Terminals:	0.5 to 1.5mm <sup>2</sup> cables
Remote function:	Remote switching from steady to blinking mode.

**L101B - Filament Lamp:**

Light source:	Filament Bulb: 3 Watt (MES)
Options:	Steady or blinking (1.5Hz) mode.
Effective Intensity cd:	2 cd*
Terminals:	0.5 to 1.5mm <sup>2</sup> cables
Remote function:	Remote switching from steady to blinking mode.

**General:**

Cable entries:	1 x M20 clearance top and bottom 2 x M20 clearance bottom with terminal box.
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
Storage temp:	-40° to +70°C
Relative humidity:	90% at 20°C
Weight :	0.65kg

E2S, Impress House, Mansell Road, London, UK, W3 7QH Telephone +44 20 8743 8880 [www.e2s.com](http://www.e2s.com)

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.

**Xenon Beacon:**

Version:	Voltage range:	Current mA:
12V dc/12V ac		10-14V 500mA/380mA
24V dc/24V ac		20-28V 250mA/300mA
48V dc/48V ac		42-54V 175mA/250mA
115V ac 50/60Hz	+/-10%	70mA
230V ac 50/60Hz	+/-10%	35mA

**L.E.D. Beacon:**

Version:	Voltage range:	Current mA:
12V dc	10-14V dc	150mA
24V dc	20-28V dc	100mA
48V dc	42-54V dc	100mA
115V ac 50/60Hz	+/-10%	54mA
230V ac 50/60Hz	+/-10%	27mA

**Filament Lamp Beacon:**

Version:	Voltage range:	Current mA:
12V dc	10-14V dc	250mA
24V dc	20-28V dc	125mA
48V dc	42-54V dc	65mA
115V ac 50/60Hz	+/-10%	30mA
230V ac 50/60Hz	+/-10%	15mA