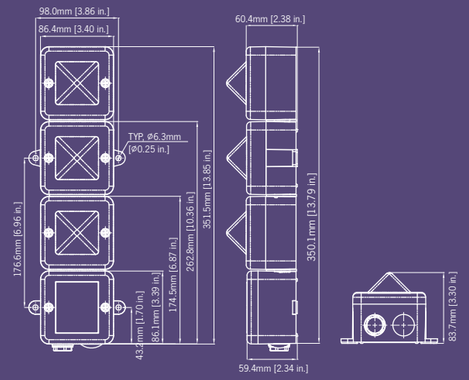
STB3 Xenon & L.E.D. Tower with Junction Box

The STB3 is a customisable visual signals featuring a tower of 3 AlertAlight ST-L101X type beacons. Each beacon position can contain either a Xenon or high output L.E.D. light source. The STB3 assembly features a pre-wired junction box and cable loom enabling the end user to determine beacon type and position during installation.





ST-L101X Xenon Beacon:

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

ST-L101H L.E.D. Beacon:

Version:		Voltage:	Current:
DC		10-30V dc	155mA (24V dc)
AC/DC	50/60Hz	90-260V ac/dc	35mA (230V ac)



Part codes:

STB3 Junction box assembly for 3 x L101 beacons	
Part Code:	STB3DC[x] STB3AC[x]
Voltage:	12/24Vdc / 115/230Vac
Housing Colour:	Grey/Red/White

[x]: G=Grey, R=Red, W=White

ST-L101X L101 Xenon Beacon 5J	
Part Code:	ST-L101XDC012[x] ST-L101XDC024[x] ST-L101XAC115[x] ST-L101XAC230[x]
Voltage:	12Vdc / 24Vdc / 115Vac / 230Vac
Lens Colour:	Amber, Blue, Clear, Green, Red, Yellow
ST-L101H L101 L.E.D. Beacon	
Part Code:	ST-L101HDC030[x] ST-L101HAC230[x]
Voltage:	10-30Vdc / 90-260Vac
L.E.D. Colour:	Amber, Blue, Clear, Green, Red

Lens colour: All L.E.D. colours use a Clear lens to maximise output and to ensure the signal is most effective in high ambient light levels.

[x]: A=Amber, B=Blue, C=Clear, G=Green, R=Red

Example: For a tower of three beacons using two Xenon beacons, one red, one amber plus one L.E.D. beacon in green using a 24Vdc supply in a red housing, order the following part codes:
STB3DCR
ST-L101XDC024R
ST-L101XDC024A
ST-L101HDC024G

Specification:

General:	
Cable entries:	2 x M20 clearance
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
STB3 Weight:	0.85kg
ST-L101X - Xenon:	
Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	500,000 cd - calc. from energy (J)
Effective candela:	250 cd - calc. from energy (J)
Peak Candela:	86,935 cd* - measured ref. to I.E.S.
Effective candela:	200 cd* - measured ref. to I.E.S.
Terminals:	0.5 to 4.0mm² cables.
Lens colours:	Amber, Blue, Clear, Green, Opal, Red, Yellow
Tube life :	Emissions are reduced to 70% after 8 million flashes
ST-L101H - L.E.D:	
Light source:	High intensity L.E.D. array. 24 x Superflux type high ouput L.E.D's
Options:	Steady or 2Hz flash mode (on board selection)
Effective candela:	176 cd (Green L.E.D.)
Terminals:	0.5 to 4.0mm² cables
L.E.D. colours:	Amber Blue, Green, Red and White

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

Features:

- Multiple configurations of Xenon and L.E.D. beacons.
- Internal cable loom and termination PCB simplifies installation.
- Common negative/neutral supply minimises cabling.
- Available with red, white or grey housing.
- High output L.E.D. unit can be set to steady or flashing.
- Sealed to IP66.
- Tropicalisation available on request.
- Can be combined with Sonora SONF1 audible signal.

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