STB2 Xenon & L.E.D. Tower with Junction Box

The STB2 is a customisable visual signals featuring a tower of 2 AlertAlight ST-L101X type beacons. Each beacon position can contain either a Xenon or high output L.E.D. light source. The STB2 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:

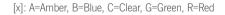
Version: DC		Voltage:	Current:
		10-30V dc	155mA (24V dc)
AC/DC	50/60Hz	90-260V ac/dc	35mA (230V ac)

Part codes:

STB2 Junction box assembly for 2 x L101 beacons		
Part Code:	STB2DC[x]	
	STB2AC[x]	
Voltage:	12/24Vdc / 115/230Vac	
Housing Colour:	Grey/Red/White	

[x]: G=Grey, R=Red, W=W	X	: G=	Grev.	R=Red.	. W=	W	hi	te
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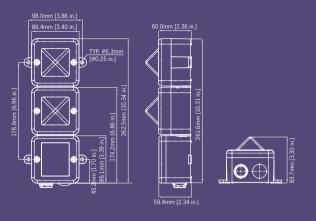
ST-L101XDC012[x]
ST-L101XDC024[x]
ST-L101XAC115[x]
ST-L101XAC230[x]
12Vdc / 24Vdc / 115Vac / 230Vac
Amber, Blue, Clear, Green, Red, Yellow
L.E.D. Beacon
ST-L101HDC030[x]
ST-L101HAC230[x]
10-30Vdc / 90-260Vac
Amber, Blue, Clear, Green, Red



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.

Example: For a tower of two beacons using one Xenon beacon in red plus one L.E.D. beacon in green using a 24Vdc supply in a red housing, order the following part codes: STB2DCR ST-L101XDC024R ST-L101HDC024G





Specification:

delicial.	
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

0.65kg

STB2 Weight:

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 4.0mm ² cables.
Lens colours:	Amber, Blue, Clear, Green, Opal, Red, Yellow
Tube life :	Emissions are reduced to 70% after 8 million flashes
ST-I 101H - I F D:	

21-F101H - F'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 4.0mm ² cables
L.E.D. colours:	Amber Blue, Green, Red and White

^{*}Candela measurements representative of performance with clear

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.



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:

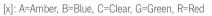
Version:		Voltage:	Current:
DC		10-30V dc	155mA (24V dc)
AC/DC	50/60Hz	90-260V ac/dc	35mA (230V ac)

Part codes:

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

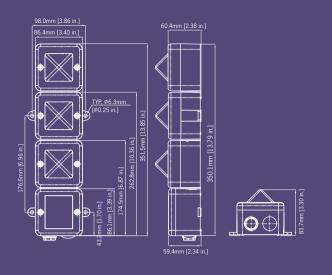
X	1:	G=0	arev.	R=	Red.	W=	White

A]. G-Grey, N-Neu, W-Write			
ST-L101X L101 X	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		
_ens Colour:	Amber, Blue, Clear, Green, Red, Yellow		
ST-L101H L101 I	E.D. Beacon		
Part Code:	ST-L101HDC030[x]		
	ST-L101HAC230[x]		
Voltage:	10-30Vdc / 90-260Vac		
E.D. Colour:	Amber, Blue, Clear, Green, Red		
	olours use a Clear lens to maximise output and to teffective in high ambient light levels.		
M. A. Arabay D. Di	ua C Class C Crean D Dad		



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:

E Joules (EMs)
5 Joules (5Ws)
1Hz (60 fpm)
500,000 cd - calc. from energy (J)
250 cd - calc. from energy (J)
86,935 cd* - measured ref. to I.E.S
200 cd* - measured ref. to I.E.S.
0.5 to 4.0mm ² cables.
Amber, Blue, Clear, Green, Opal, Red, Yellow
Emissions are reduced to 70% after 8 million flashes

0.85kg

24 x Superflux type high ouput L.E.D's
24 A Superflux type flight output L.L.D S
Steady or 2Hz flash mode
(on board selection)
176 cd (Green L.E.D.)
0.5 to 4.0mm ² cables
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.



The STB4 is a customisable visual signals featuring a tower of 4 AlertAlight ST-L101X type beacons. Each beacon position can contain either a Xenon or high output L.E.D. light source. The STB4 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:

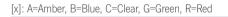
Version:		Voltage:	Current:
DC		10-30V dc	155mA (24V dc)
AC/DC	50/60Hz	90-260V ac/dc	35mA (230V ac)

Part codes:

STB4 Junction box assembly for 4 x L101 beacons	
Part Code:	STB4DC[x]
	STB4AC[x]
Voltage:	12/24Vdc / 115/230Vac
Housing Colour:	Grey/Red/White

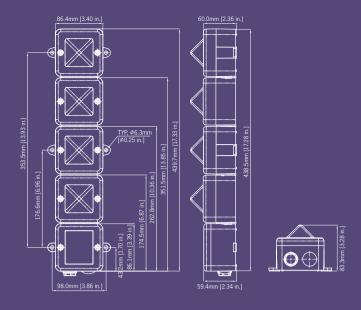
X	1:	G=0	arev.	R=	Red.	W=	White

ST-L101X L101 Xe	non Beacon 5J
Part Code:	ST-L101XDC012[x]
	ST-L101XDC024[x]
	ST-L101XAC115[x]
	ST-L101XAC230[x]
/oltage:	12Vdc / 24Vdc / 115Vac / 230Vac
ens Colour:	Amber, Blue, Clear, Green, Red, Yellow
ST-L101H L101 L.I	E.D. Beacon
Part Code:	ST-L101HDC030[x]
	ST-L101HAC230[x]
/oltage:	10-30Vdc / 90-260Vac
E.D. Colour:	Amber, Blue, Clear, Green, Red
	urs use a Clear lens to maximise output and to fective in high ambient light levels.



Example: For a tower of four beacons using three Xenon beacons, one red, one amber, one clear plus one L.E.D. beacon in green using a 24Vdc supply in a red housing, order the following part codes:
STB4DCR
ST-L101XDC024R
ST-L101XDC024A
ST-L101XDC024C
ST-L101HDC024G





Specification:

General:

Cable entries:

Cable etitiles.	Z X IVIZU CIEGIALICE
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
STB4 Weight:	1.05kg
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 4.0mm ² 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

2 x M20 clearance

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.

(on board selection)

176 cd (Green L.E.D.)

0.5 to 4.0mm² cables

Amber Blue, Green, Red and White

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

Effective candela:

Terminals: L.E.D. colours:

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.



2-11-012 Visual: Status Lights

STA2 Alarm Sounder, Xenon & L.E.D. Tower with Junction Box

The STA2 is a customisable audio-visual signals featuring a tower of 2 AlertAlight L101 type beacons combined with a SONF1 alarm sounder. Each beacon position can contain either a Xenon or high output L.E.D. light source. The STA2 assembly features a pre-wired junction box and cable loom enabling the end user to determine beacon type and position during installation.

Tone table:

Stage 1	Frequency Description.	Stage 2
Tone 1	800/1000Hz @ 0.25 sec Alternating	Tone 8
Tone 2	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	Tone 1
Tone 3	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	Tone 8
Tone 4	544Hz (100mS)/440Hz (400mS) - NF S 32-001	Tone 9
Tone 5	Bell	Tone 1
Tone 6	800/1000Hz @ 7Hz Sweeping	Tone 8
Tone 7	500-1200Hz 3.75sec /0.25sec. Australian Evac.	Tone 10
Tone 8	1000Hz Continuous - PFEER Toxic Gas	
Tone 9	Continuous 554Hz	
Tone 10	420Hz @ 0.625 sec Australian Alert	

Where applicable following tones are available on AC voltage versions:

Stage 1	Frequency Description.
Tone 1	800/1000Hz @ 0.25 sec Alternating
Tone 2	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop
Tone 3	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.
Tone 4	544Hz (100mS)/440Hz (400mS) - NF S 32-001
Tone 5	1000Hz Continuous - PFEER Toxic Gas
Tone 6	Bell
Tone 7	800/1000Hz @ 7Hz Sweeping
Tone 8	2400/2900Hz @ 50Hz Sweeping
Tone 9	420Hz @ 0.625 sec Australian Alert
Tone 10	500-1200Hz 3.75sec /0.25sec. Australian Evac.

Country specific or custom tone configurations and alarm frequencies are available upon request.

Part codes:

STA2 Junction box assembly for 2 x L101 beacons	
Part Code:	STA2DC024[x]
	STA2AC115[x]
	STA2AC230[x]
Voltage:	12/24Vdc / 115Vac / 230Vac
Housing Colour:	Grey/Red/White

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

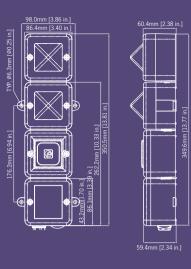
L.E.D. Colour:

ST-L101X Xeno	n 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 L.E.D). Beacon
Part Code:	ST-L101HDC030[x]
	ST-L101HAC230[x]
Voltage:	10-30Vdc / 90-260Vac

Amber, Blue, Clear, Green, Red

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

Example: For a tower of A SONF1 alarm sounder plus two beacons using one Xenon beacon in red plus one L.E.D. beacon in green using a 24Vdc supply in a red housing, order the following part codes: STA2DC024R ST-L101XDC024R ST-L101HDC024G



Specification:

Maximum output:

Nominal output:

No. of tones:

No. of stages:

Volume control:

Effective range:

Monitoring:

Terminals:

Energy:

Flash rate:

Peak Candela:

Peak Candela:

Terminals:

Tube life :

Light source:

Options:

Terminals:

Lens colours:

Effective candela:

Effective candela:

ST-L101H - L.E.D:

Effective candela:

L.E.D. colours:

lens at optimum voltage.

ST-L101X - Xenon:

SONF1 - Alarm Sounder:

100dB(A) @ 1 metre

99dB(A) @ 1m +/- 3dB - Tone 1

10 (UKOOA / PFEER compliant)

Reverse polarity diode protection

500,000 cd - calc. from energy (J)

86,935 cd* - measured ref. to I.E.S.

250 cd - calc. from energy (J)

200 cd* - measured ref. to I.E.S.

Amber, Blue, Clear, Green, Opal,

Emissions are reduced to 70% after 8 million flashes

High intensity L.E.D. array.

Steady or 2Hz flash mode

(on board selection)

176 cd (Green L.E.D.)

0.5 to 4.0mm² cables

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. *Candela measurements representative of performance with clear

24 x Superflux type high ouput L.E.D's

Amber Blue, Green, Red and White

0.5 to 4.0mm² cables.

Red. Yellow

2 (AC units are single stage)

On board potentiometer

0.5 to 1.5mm² cables.

30m @ 1KHz

on DC units.

5 Joules (5Ws)

1Hz (60 fpm)





- SONF1 alarm sounder synchronises automatically on multi-unit systems.
- Multiple configurations of Xenon and L.E.D. beacons.
- Internal cable loom and termination PCB simplifies installation.
- Common negative/neutral supply minimises cabling.
- High output L.E.D. unit can be set to steady or flashing.
- Available with red, white or grey housing.
- Sealed to IP66.
- Tropicalisation available on request.
- Also available without SONF1 audible signal.







STA3 Alarm Sounder, Xenon & L.E.D. Tower with Junction Box

The STA3 is a customisable audio-visual signals featuring a tower of 3 AlertAlight L101 type beacons combined with a SONF1 alarm sounder. Each beacon position can contain either a Xenon or high output L.E.D. light source. The STA3 assembly features a pre-wired junction box and cable loom enabling the end user to determine beacon type and position during installation.

Tone table:

Stage 1	Frequency Description.	Stage 2
Tone 1	800/1000Hz @ 0.25 sec Alternating	Tone 8
Tone 2	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	Tone 1
Tone 3	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	Tone 8
Tone 4	544Hz (100mS)/440Hz (400mS) - NF S 32-001	Tone 9
Tone 5	Bell	Tone 1
Tone 6	800/1000Hz @ 7Hz Sweeping	Tone 8
Tone 7	500-1200Hz 3.75sec /0.25sec. Australian Evac.	Tone 10
Tone 8	1000Hz Continuous - PFEER Toxic Gas	
Tone 9	Continuous 554Hz	
Tone 10	420Hz @ 0.625 sec Australian Alert	

Where applicable following tones are available on AC voltage versions:

Stage 1	Frequency Description.
Tone 1	800/1000Hz @ 0.25 sec Alternating
Tone 2	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop
Tone 3	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.
Tone 4	544Hz (100mS)/440Hz (400mS) - NF S 32-001
Tone 5	1000Hz Continuous - PFEER Toxic Gas
Tone 6	Bell
Tone 7	800/1000Hz @ 7Hz Sweeping
Tone 8	2400/2900Hz @ 50Hz Sweeping
Tone 9	420Hz @ 0.625 sec Australian Alert
Tone 10	500-1200Hz 3.75sec /0.25sec. Australian Evac.

Country specific or custom tone configurations and alarm frequencies are available upon request.

Part codes:

STA3 Junction box assembly for 2 x L101 beacons	
Part Code:	STA3DC024[x]
	STA3AC115[x]
	STA3AC230[x]
Voltage:	12/24Vdc / 115Vac / 230Vac
Housing Colour:	Grey/Red/White

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

ST-L101X 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 L.E.C). Beacon

	, , , , , , , , ,
ST-L101H 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

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

Example: For a tower of A SONF1 alarm sounder plus 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:
STA3DC024R
ST-L101XDC024R
ST-L101HDC024A
ST-L101HDC024G



Maximum output:

SONF1 - Alarm Sounder:

Maximum output.	100db(//) @ 1 metre
Nominal output:	99dB(A) @ 1m +/- 3dB - Tone 1
No. of tones:	10 (UKOOA / PFEER compliant)
No. of stages:	2 (AC units are single stage)
Volume control:	On board potentiometer
Effective range:	30m @ 1KHz
Monitoring:	Reverse polarity diode protection on DC units.
Terminals:	0.5 to 1.5mm ² cables.
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 4.0mm ² 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.)

100dB(A) @ 1 metre

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.

0.5 to 4.0mm² cables

Amber Blue, Green, Red and White

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

Terminals:

L.E.D. colours:



- SONF1 alarm sounder synchronises automatically on multi-unit systems.
- Multiple configurations of Xenon and L.E.D. beacons.
- Internal cable loom and termination PCB simplifies installation.
- Common negative/neutral supply minimises cabling.
- High output L.E.D. unit can be set to steady or flashing.
- Available with red, white or grey housing.
- Sealed to IP66.
- Tropicalisation available on request.
- Also available without SONF1 audible signal.





STA4 Alarm Sounder, Xenon & L.E.D. Tower with Junction Box

The STA4 is a customisable audio-visual signals featuring a tower of 4 AlertAlight L101 type beacons combined with a SONF1 alarm sounder. Each beacon position can contain either a Xenon or high output L.E.D. light source. The STA4 assembly features a pre-wired junction box and cable loom enabling the end user to determine beacon type and position during installation.

Tone table:

Stage 1	Frequency Description.	Stage 2
Tone 1	800/1000Hz @ 0.25 sec Alternating	Tone 8
Tone 2	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	Tone 1
Tone 3	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	Tone 8
Tone 4	544Hz (100mS)/440Hz (400mS) - NF S 32-001	Tone 9
Tone 5	Bell	Tone 1
Tone 6	800/1000Hz @ 7Hz Sweeping	Tone 8
Tone 7	500-1200Hz 3.75sec / 0.25sec. Australian Evac.	Tone 10
Tone 8	1000Hz Continuous - PFEER Toxic Gas	
Tone 9	Continuous 554Hz	
Tone 10	420Hz @ 0.625 sec Australian Alert	

Where applicable following tones are available on AC voltage versions:

Stage 1	Frequency Description.
Tone 1	800/1000Hz @ 0.25 sec Alternating
Tone 2	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop
Tone 3	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.
Tone 4	544Hz (100mS)/440Hz (400mS) - NF S 32-001
Tone 5	1000Hz Continuous - PFEER Toxic Gas
Tone 6	Bell
Tone 7	800/1000Hz @ 7Hz Sweeping
Tone 8	2400/2900Hz @ 50Hz Sweeping
Tone 9	420Hz @ 0.625 sec Australian Alert
Tone 10	500-1200Hz 3.75sec /0.25sec. Australian Evac.

Country specific or custom tone configurations and alarm frequencies are available upon request.

Part codes:

STA4 Junction box assembly for 4 x L101 beacons	
Part Code:	STA4DC024[x]
	STA4AC115[x]
	STA4AC230[x]
Voltage:	12/24Vdc / 115Vac / 230Vac
Housing Colour:	Grey/Red/White

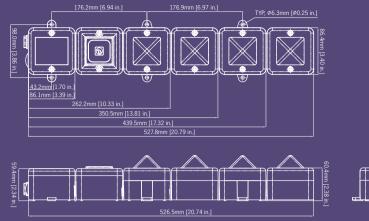
[x]: G=Grey, R=Red, W=White

ST-L101X 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

Lens Colour:	Amber, Blue, Clear, Green, Red, Yellow
ST-L101H 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

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

Example: For a tower of A SONF1 alarm sounder plus four beacons using two Xenon beacons, one red, one amber plus one clear L.E.D. beacon in one in green using a 24Vdc supply in a red housing, order the following part codes: STA3DC024R ST-L101XDC024R ST-L101XDC024A ST-L101HDC024C ST-L101HDC024G



Specification:

Maximum output:

Nominal output:

No. of tones:

No. of stages:

Volume control:

Effective range:

Monitoring:

Terminals:

Energy:

Flash rate:

Peak Candela:

Peak Candela:

Terminals:

Tube life :

Light source:

Options:

Terminals:

Lens colours:

Effective candela:

Effective candela:

ST-L101H - L.E.D:

Effective candela:

L.E.D. colours:

ST-L101X - Xenon:

SONF1 - Alarm Sounder:

100dB(A) @ 1 metre

99dB(A) @ 1m +/- 3dB - Tone 1

10 (UKOOA / PFEER compliant)

Reverse polarity diode protection

500,000 cd - calc. from energy (J)

86,935 cd* - measured ref. to I.E.S.

250 cd - calc. from energy (J)

200 cd* - measured ref. to I.E.S.

Amber, Blue, Clear, Green, Opal,

Emissions are reduced to 70% after 8 million flashes

High intensity L.E.D. array.

Steady or 2Hz flash mode

(on board selection)

176 cd (Green L.E.D.)

0.5 to 4.0mm² cables

24 x Superflux type high ouput L.E.D's

Amber Blue, Green, Red and White

0.5 to 4.0mm² cables.

Red. Yellow

2 (AC units are single stage)

On board potentiometer

0.5 to 1.5mm² cables.

30m @ 1KHz

on DC units.

5 Joules (5Ws)

1Hz (60 fpm)





- SONF1 alarm sounder synchronises automatically on multi-unit systems.
- Multiple configurations of Xenon and L.E.D. beacons.
- Internal cable loom and termination PCB simplifies installation.
- Common negative/neutral supply minimises cabling.
- High output L.E.D. unit can be set to steady or flashing.
- Available with red, white or grey housing.
- Sealed to IP66.
- Tropicalisation available on request.
- Also available without SONF1 audible signal.



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.

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

