

A

STB BEACON STACK

STB2/STB3/STB4

IP Rating: 4/4X/3R/13, IP66

Temp: -25°C to +55°C

CE Marked & UL Listed

Mountings

Multiple mounting lugs with holes suitable for up to M6 fixings.

2.5mm² terminals

Cable entry: M20 cable entry

Complete Unit	Description	Component Unit	Type	Voltage
STB2DC[X]-UL	Junction box with 2 x Beacons - DC	ST-L101XDCC012[X]-UL	Xenon	12V DC
STB2AC[X]-UL	Junction box with 2 x Beacons - AC	ST-L101XDCC024[X]-UL	Xenon	24V DC
STB3DC[X]-UL	Junction box with 3 x Beacons - DC	ST-L101XACC115[X]-UL	Xenon	115V AC
STB3AC[X]-UL	Junction box with 3 x Beacons - AC	ST-L101XACC230[X]-UL	Xenon	230V AC
STB4DC[X]-UL	Junction box with 4 x Beacons - DC	ST-L101HDDC030[X]-UL	LED	10-30V DC
STB4AC[X]-UL	Junction box with 4 x Beacons - AC	ST-L101HACC230[X]-UL	LED	90-260V AC

[X] = Housing colour

[X] = Lens / LED Colour

ATTENTION : Installation must be carried out by an electrician in compliance with the latest codes and regulations.

ATTENTION : Disconnect from power source before installation or service to prevent electric shock.

ATTENTION : On strobe beacons allow a minimum of 2 minutes for hazardous high voltage to discharge from unit.

ATTENTION : Lens on unit will be hot allow to cool prior to removal.

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B

Order code	Nominal Voltage	ST-L101X Xenon Beacon		ST-L101H LED Beacon			
		Voltage Range	Current	Max Current	Voltage Range	Current	Max Current
STB*DC012[X]-UL	12 V DC	11.5-14V	500mA	531mA @ 14 V	10-30 V	157mA	166mA @ 30 V
STB*DC024[X]-UL	24 V DC	20-28V	250mA	271mA @ 20 V	10-30 V	157mA	166mA @ 30 V
STB*AC115[X]-UL	115V AC	+/- 10%	70mA	107mA @126.5 V	90-60 V	60mA	60mA @ 90 V
STB*AC230[X]-UL	230V AC	+/- 10%	35mA	58mA @ 253 V	90-60 V	35mA	60mA @ 43 V

*Denotes number of beacons (2, 3 or 4)

For Voltage Ranges of complete units, take the highest Minimum value and lowest Maximum value in the ranges of the component units
 For Current and Max Current Ratings of complete units, add the ratings from the component units:

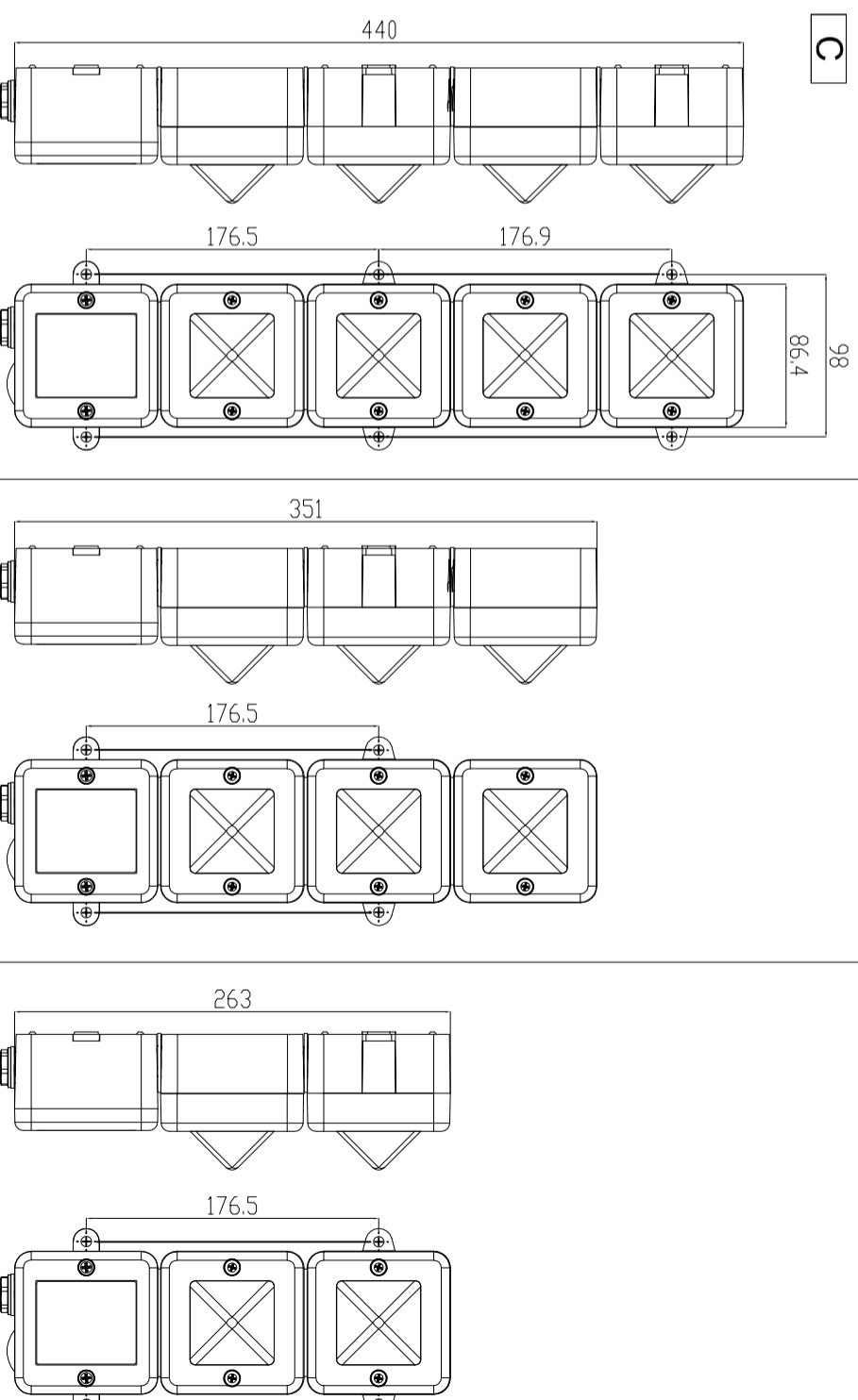
Nominal Voltage	ST-L101HDDC030[X]-UL	ST-L101HDDC030[X]-UL	ST-L101XDCC024[X]-UL	ST-L101XDCC024[X]-UL	24V DC
Voltage Range	10 - 30 V DC	10 - 30 V DC	20 - 28 V DC	20 - 28 V DC	20 - 28 V DC
Current	157mA	157mA	250mA	250mA	814mA
Max Current	166mA	166mA	271mA	271mA	874mA

i.e. STB4DC024[X]-UL

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C



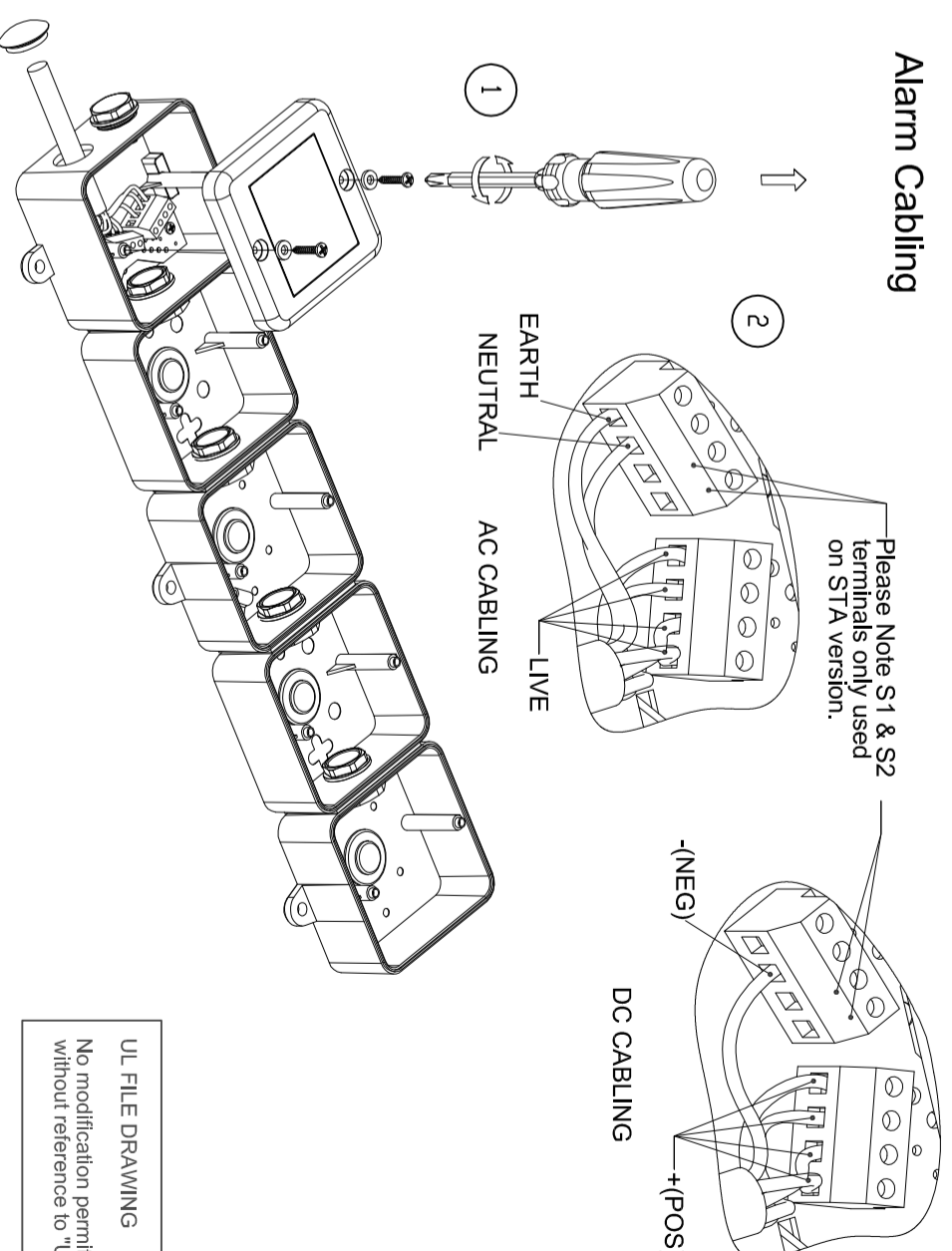
STB4 with 4 Beacons fitted.

STB3 with 3 Beacons fitted.

STB2 with 2 Beacons fitted.

D

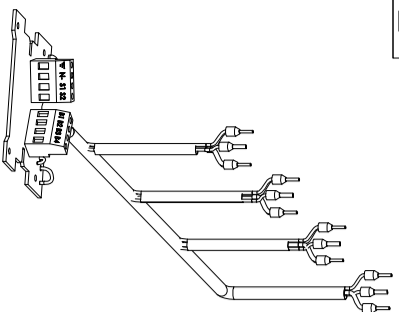
Alarm Cabling



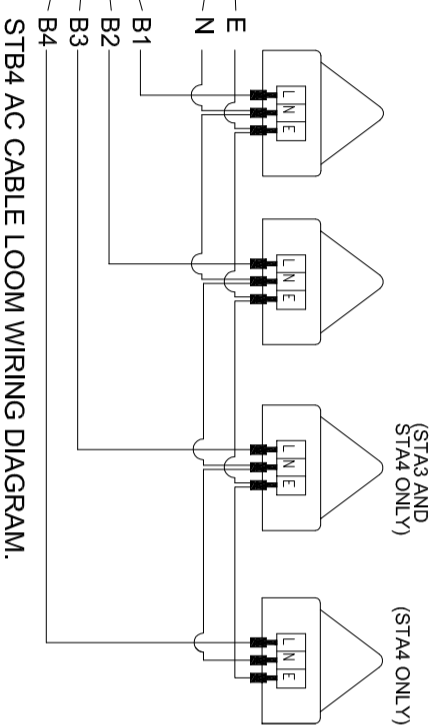
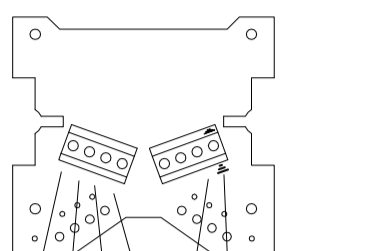
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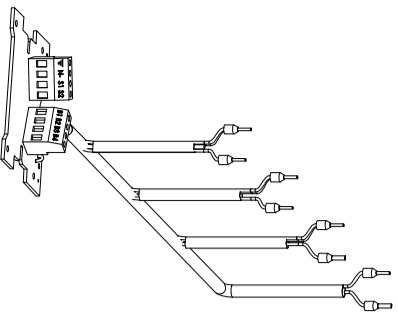


E

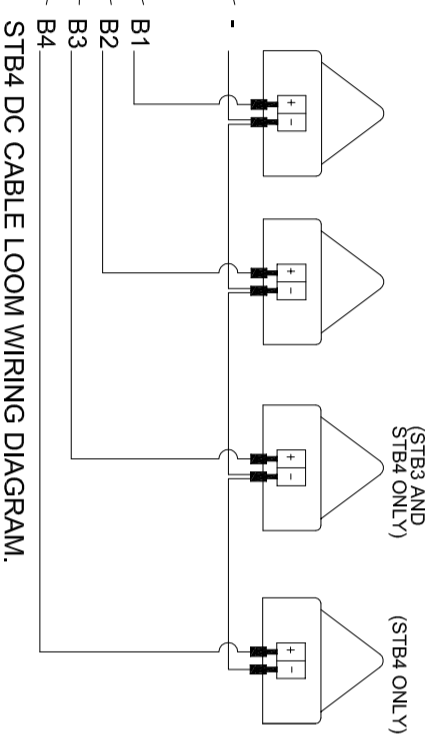
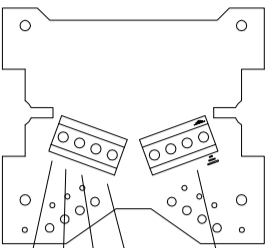
STB3 AC CABLE LOOM PRE-INSTALLED.



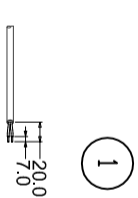
STB3 AC CABLE LOOM WIRING DIAGRAM.



STB3 DC CABLE LOOM PRE-INSTALLED.

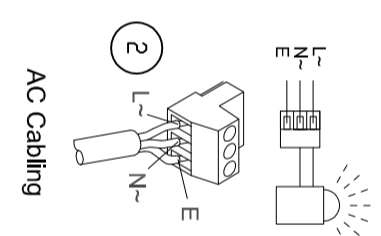


STB3 DC CABLE LOOM WIRING DIAGRAM.

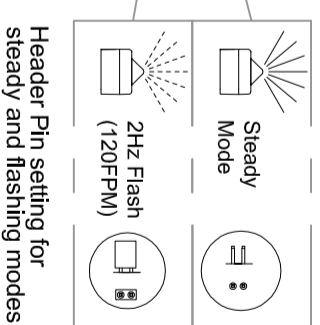
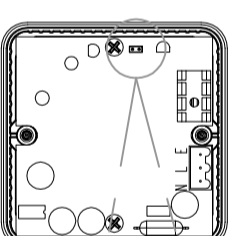
G

DC	CABLE COLOUR
+ VE	BLACK
- VE	WHITE

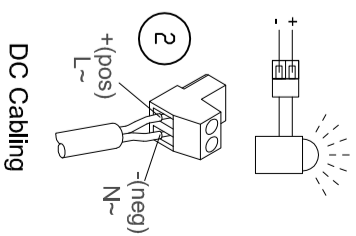
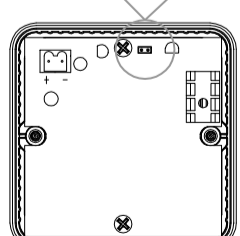
Please note: S1 & S2 available for STA version only.



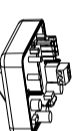
AC Cabling



Header Pin setting for steady and flashing modes

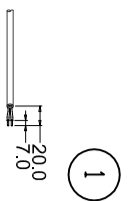


DC Cabling



ST-L101H LED Beacon

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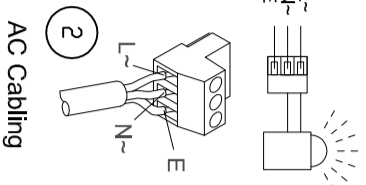
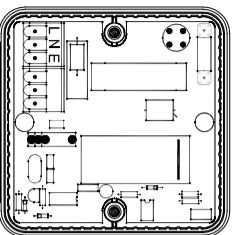
**F**

AC	CABLE COLOUR
EARTH	GREEN
LIVE	BLACK
NEUTRAL	WHITE

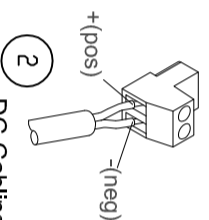
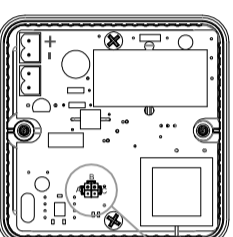
Please note: S1 & S2 available for STA version only.



ST-L101X Xenon Beacon



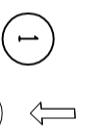
AC Cabling



DC Cabling

 1Hz Flash (60FPM) † Flashing 1.5Hz and Double Strike modes are not available when used with an AC supply.	 1.5Hz Flash (90FPM)†	 Double Strike Flash Pattern†
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**H**

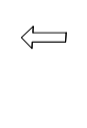
1



2



3



4



5



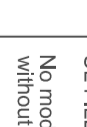
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7



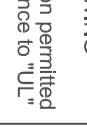
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9



10



11

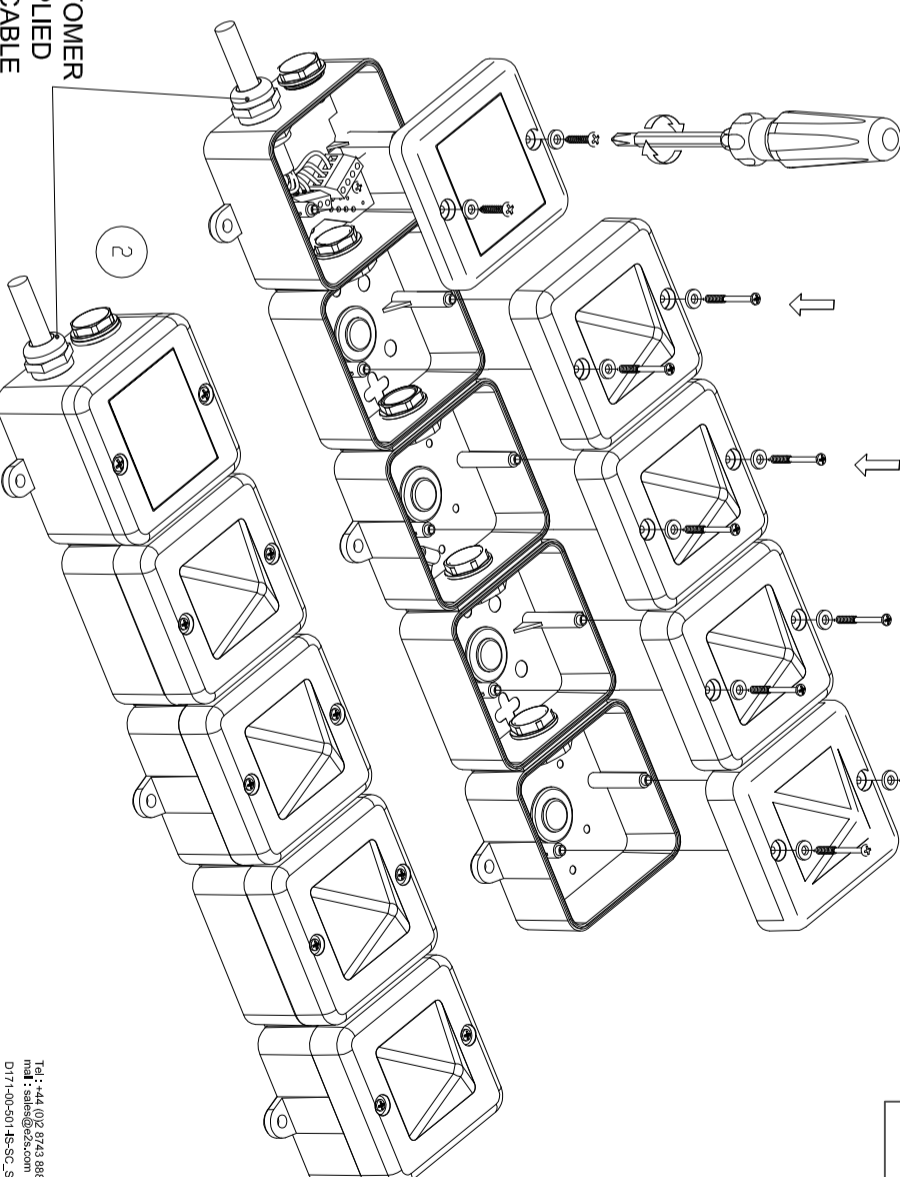


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UL FILE DRAWING

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CUSTOMER SUPPLIED M20 CABLE GLAND IP66



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