1

SPECTRA B450TLA

Traffic Light L.E.D. Array Beacon
18 x High powered L.E.D's
IP Rating: IP65
Temp: -40°C to +70°C
Relative Humidity: 95% @ 20°C
Unit weight: 410g
CE

Dimensions : Ø140 x 177mm
2 x Pluggable, 0.2 - 2.5mm² / AWG24 - AWG12
Cable entry: 1 x 5-7mm push through grommet
2 x M20 cable entry (IP65)

Order code	Voltage	Current
B450TLA030B/x	10-14V DC (12VDC Customer Set if required)	160mA@12V DC
	16-33V DC (24VDC Mode Set as Default)	180mA @ 24V DC
B450TLA230B/x	48-260V AC 50/60Hz	90mA @ 230V AC
	48-260V AC 50/60Hz	55mA @ 115V AC
	48 - 260V DC	

x = Lens colour
A = Amber B = Blue C = Clear G = Green R = Red Y = Yellow

Multi-unit connection possible using connector supplied
B450 and B350 units are interconnectable

Tel : +44 (0)20 8743 8880 Fax : +44 (0)20 8740 4200
email : sales@e2s.com web : www.e2s.com

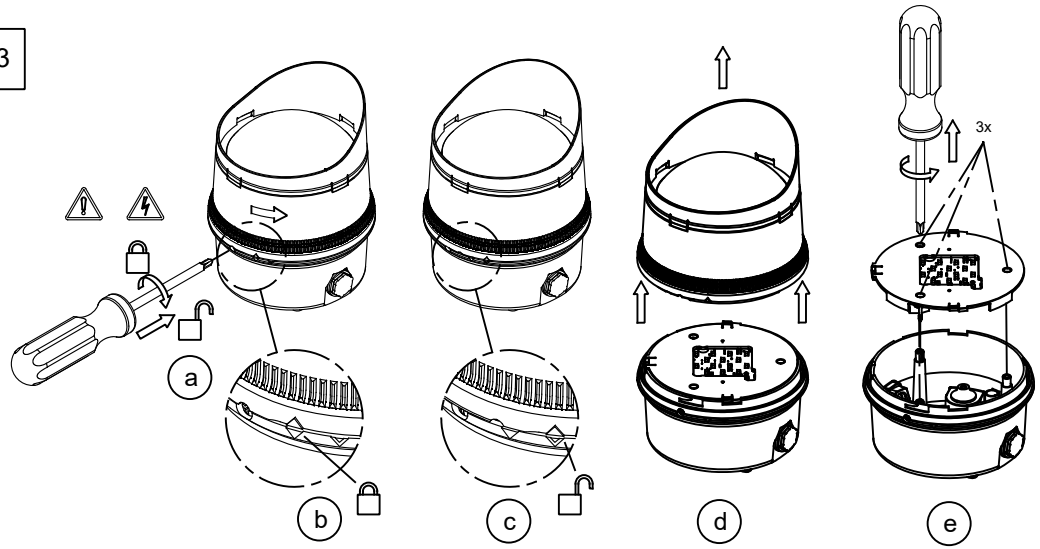
2

Warnings

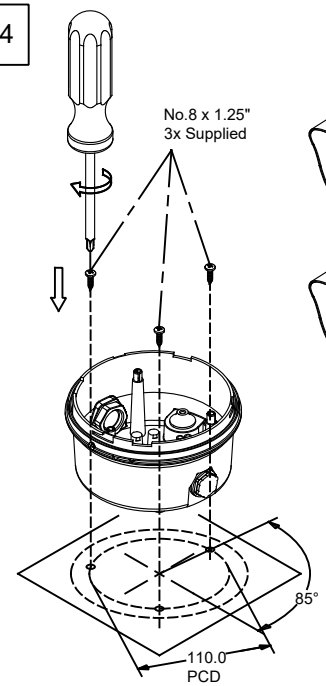
ATTENTION: Installation must be carried out by an electrician in compliance with the latest codes and regulations.

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

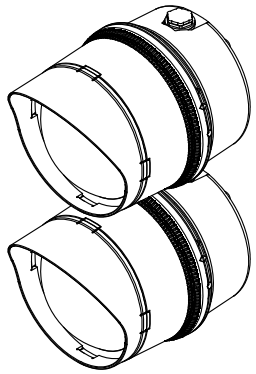
3



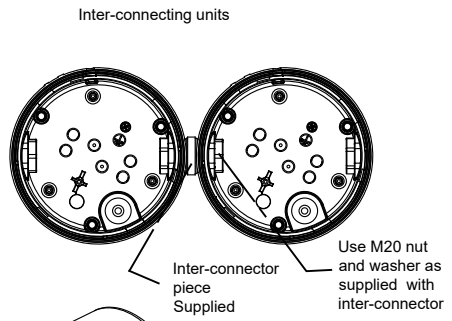
4

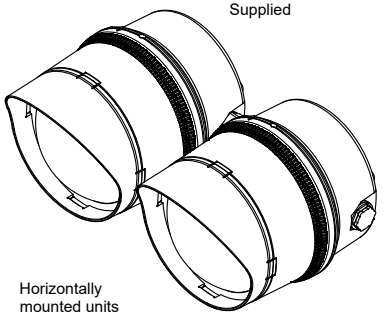


Dimensions in mm

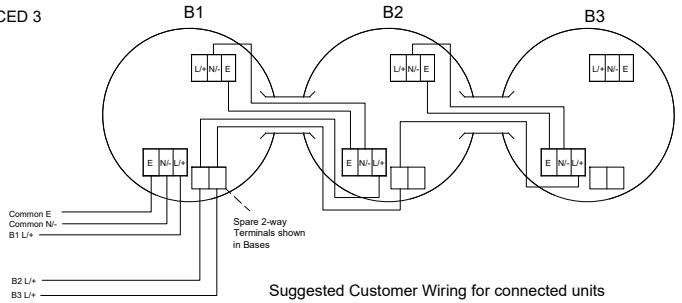


Vertically mounted units





Horizontally mounted units

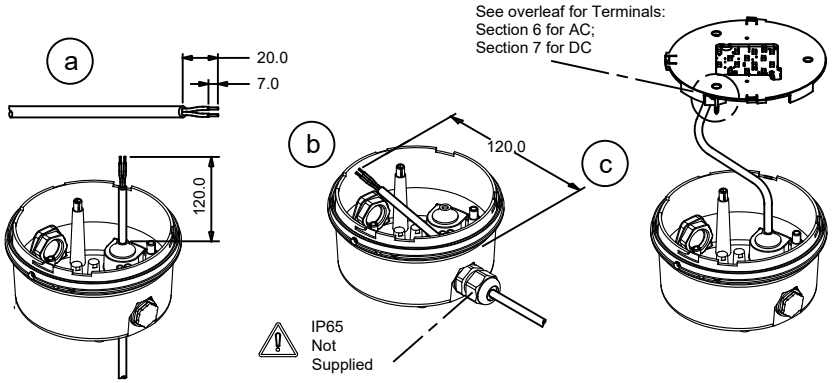


Suggested Customer Wiring for connected units

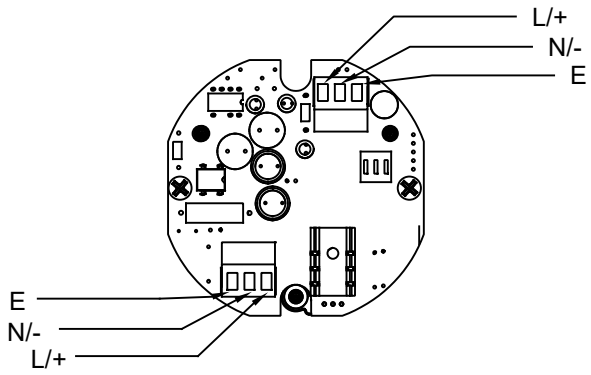
Optional Accessories

MB-B450T-S	Mounting bracket kit for a single B450 type unit.
MB-B450T-M	Mounting bracket kit for linked multiple B450 type units.

5

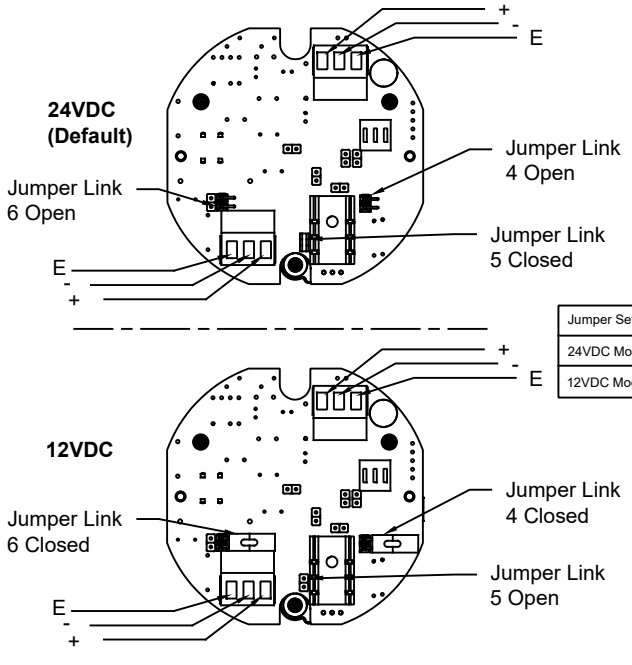


6 AC Terminals



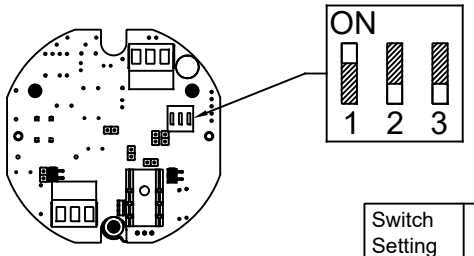
Tel : +44 (0)20 8743 8880 Fax : +44 (0)20 8740 4200
email : sales@e2s.com web : www.e2s.com

7 DC Terminals & Voltage Link Settings

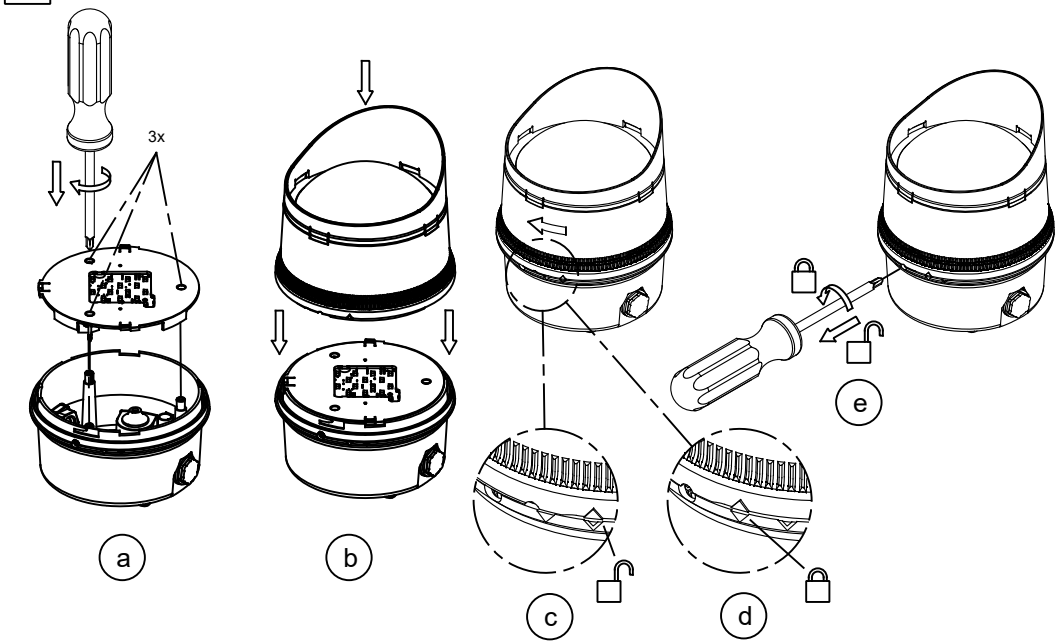


Jumper Setting	Jumper Link 4	Jumper Link 5	Jumper Link 6
24VDC Mode (Default)	Open	Closed	Open
12VDC Mode (Customer set)	Closed	Open	Closed

8 Flash Settings (All Units)



Flash Mode Dip Switch
Shown with 1-ON, 2-Off, 3-OFF (1 0 0). This denotes flash mode 2Hz. For further flash modes, see table below

Switch Setting	Flash Mode
(1 2 3)	(All Units)
(0 0 0)	Steady On
(1 0 0)	Blinking
(0 1 0)	Flashing 1Hz
(1 1 0)	Flashing 1.5Hz
(0 0 1)	Flashing Double Strike
(1 0 1)	Flashing Triple Strike
(0 1 1)	Flashing 2Hz
(1 1 1)	Flashing - Temporal

9