

The Bee Seen Belisha beacon family are the results of many years site experience and customer comments. The result is a high performance, high efficiency beacon which will give many years of trouble free operation.



The high visibility ZEBSTAR+, offers Infra Red adjustable daytime enhancements improving driver perception and pedestrian safety at zebra crossing points. The design allows easy access to the globe allowing it to be changed at minimum cost in the future.

### ZEBSTAR & HILIGHT

- High efficiency LED's driven for longer life
- IP65 high performance sealing system for reduced maintenance
- Vandal resistant fixing system
- Pre-wired for quick installation
- Synchronised flash with other beacons
- **HILIGHT** white centre island globe available
- Shroud fixing points as standard
- 5 year warranty



### ZEBSTAR+

- High brightness conspicuity arrays
- Infra red adjustable arrays.
- Easily maintained
- IP65 sealing throughout
- Low energy consumption
- Independently adjustable light output (front/back)
- Automatic night time dimming
- Value engineered design

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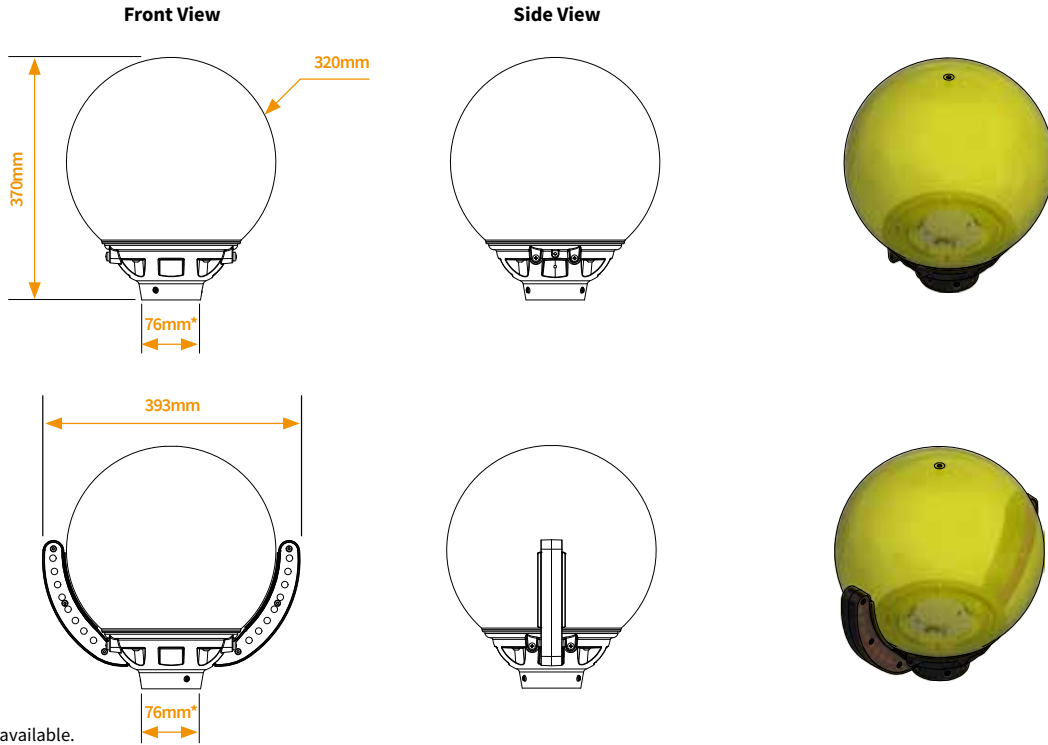
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**Technical Specification**



\*Other post sizes available.

**ZEBSTAR/HIGHLIGHT Specification**

<b>Beacon Globe</b>	Tough rotationally moulded, UV stabilised, low density polyethylene meets the size and colour specification defined in BS8442:2022. Moulded-in brass inserts for beacon fixing. Features seal protection detail and seal compression stop.
<b>Gallery</b>	Cast LM6M aluminium, powder coated black (or grey). All inserts and fasteners stainless steel. Neoprene seal (replaceable) maintains IP65.  Supplied pre-wired with 4m drop lead and IP57connector.
<b>Lighting Unit</b>	Purpose designed extra low voltage LED lighting unit and driver with built-in beacon synchronised flash circuitry. Flash rate 40 flashes per minute. 24 LED's provide > 600 cd/m <sup>2</sup> beacon illumination. LED's driven for longer life.
<b>Power Supply</b>	High Efficiency potted transformer. 240vac input, 24vac output. Auto resetting thermal fuse. Supplied with mains connecting lead and IP57 output socket. Supplied with fixing screw.

**High Visibility Array Dimming Levels**

Level	Output Brightness (cd/m <sup>2</sup> )	
	Day	Night
0	OFF	OFF
1	1140	OFF
2	761	761
3	980	761
4	1160	761
5	1473	761
6	1503	761
7*	1570	761

\* Factory Setting

**ZEBSTAR+ Specification**

<b>Hi-Viz Housing</b>	Pressure die cast aluminium powder coated black. All inserts and fasteners stainless steel. Neoprene seal (replaceable) maintains IP65.
<b>Lighting Unit</b>	16 High Intensity LED per side each fitted with a narrow beam focussing lens. User configurable back/front dimming levels using infra red handset. Automatic dusk till dawn dimming.