

Zeta Solar Belisha Beacon

zeta
Specialist Lighting

The Solar Belisha Beacon from Zeta Specialist Lighting is a unique, highly efficient solar LED lighting solution for pedestrian crossings, walkways, car parks, supermarkets, retail outlets and many more applications.

Zeta's solution comes as a complete, easy to install unit; incorporating technologically advanced solar PV panels, long life batteries, an intelligent control system, high performance LED's and innovative etched light guide panels (Zeta LGP).

The unit can be mounted onto any existing pole and, once installed, the PV and LED orientation can be adjusted independently. This ensures that the light source output can be focused in the desired direction and the PV can be angled to allow for optimum solar capture with maximum ease.

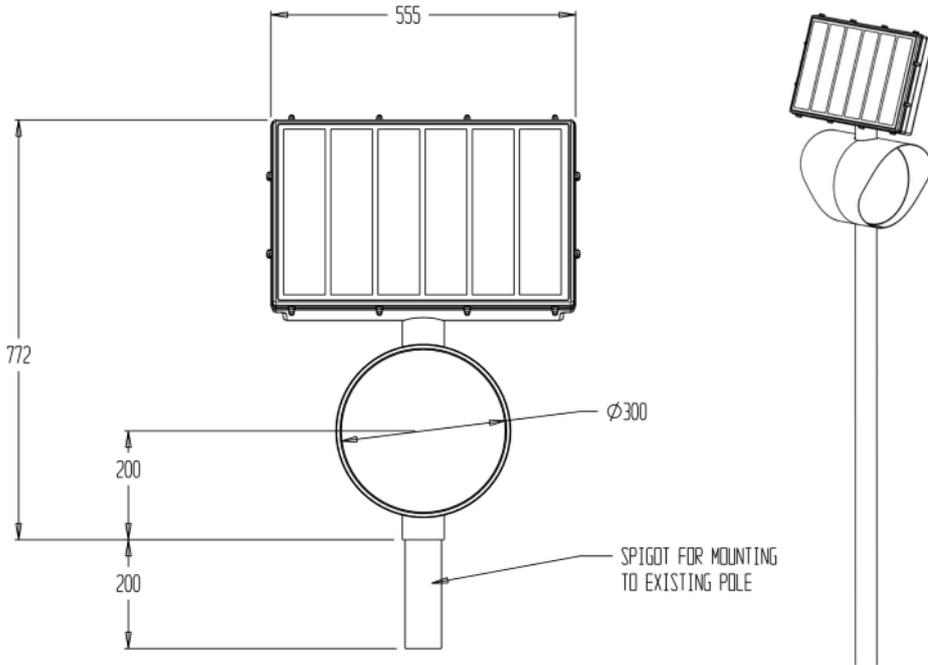
All units are available with a courtesy shield to enhance visibility during the daylight hours. As well as this the 300mm faces are coated in a retro-reflective surface, which would be highlighted by car head lights in the hours of darkness to further enhance visibility.

Zeta's intelligent Energy Management System (the Zeta PS800 Controller) optimises energy capture from the solar panels and continually monitors the batteries' condition to ensure year round reliability. Prior to installation the controller will be programmed to brighten in the day and dim at night, to improve the visibility of the light during the day whilst conserving further energy at night.



Features:

- Quick and easy installation
- No wiring, cables, trenching etc.
- Zero running costs
- Minimum maintenance
- Year round reliability
- 14 days autonomy
- Independent rotatable PV & LEDs
- Fully programmable control system
- Even illumination
- Discrete solar kit
- Weatherproof
- 3M retro-reflective face - optimal visibility
- Energy and cost saving
- Carbon saving



Applications:

- Crossings
- Walkways/pathways
- Car parks
- External depot areas
- Supermarkets
- Retail parks
- Campsites
- Educational establishments

Specifications

PV Wattage (W)	25W
Battery Capacity (Ah)	2 x 20Ah batteries
Warranty	3 Years*
Ambient Temperature Range (°C)	-20 to +50°C
System Voltage (V)	12V Solar
Controller	Zeta PS800 Energy Management System
Weight (kg)	26.3kg
Average Rated Life (Luminaire)	100,000 hrs
Average Rated Battery Life	7 years
Autonomy	14 days
Flashing Cycle	1 Second On, 1 Second Off

*Standard warranty period is 3 years, once registered the warranty increases by a further 2 years.



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For more information visit: www.zetaled.co.uk

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