

# Zeta Solar LED Road Sign

**zeta**  
Specialist Lighting

The Zeta Solar LED Road Sign combines advanced software and hardware to provide an innovative solar road sign solution.

By incorporating Zeta's award winning Solar Paddle or SolisPOLE, the Zeta LED Road Sign can be solar powered, maximising on-going cost and energy savings whilst solving any issues associated with cabling in remote areas.

Zeta's intelligent Energy Management System optimises energy capture from the PV and continually monitors the batteries to ensure year round reliability; regulating the amount of power consumed by the LED's at night and maximising the power going to the batteries during the day.

Incorporating the innovative Zeta Light Guide Panel, Zeta's patented road sign is illuminated using highest quality acrylic etched with a unique, optimum performance grid pattern. This ensures optimum light spread and shadow free illumination.

Zeta SolisPOLE



Zeta Solar Paddle



## Features:

- Optimum solar capture
- Back to back mounting available
- UK manufactured
- UMSUG codes available for L1 & L2 on request
- Innovative EMS
- Traffic grade retro reflective vinyl
- Anti dew film available
- Ultra slim
- Aluminium composite - no scrap value
- Energy, cost and carbon saving

## Applications:

- Exterior
- Road Signage

Example Specification				
DFT Standard Compliance*	L1	L1	L2	
Solar Option	Solar Paddle		SolisPOLE	
Example Sign Face Size (mm)	600 (Circle)**			
Sign background colour	Red	Blue	Red	Blue
Warranty (LED Road Sign)	10 Years			
Warranty (Paddle/ SolisPOLE)	3 Years***			
Average Rated Battery Life	>10 Years		7 Years	
Average Rated Life (lit Road Sign)	100,000 hrs			
Ambient Temperature Range (°C)	-20 to +50°C			
Input Voltage (V)	12V System			
Driver	Zeta PS800 Controller			



\*The Solar LED Road Sign meets L1 and L2 road signage illumination standards when single sided. If two signs are added the standards are not met with solar power.

\*\*Other sizes available, please see table below.

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

## Sign Face Size Options

	Zeta Solar Paddle	Zeta SolisPOLE
	Diameter (mm)	
Circle	300, 450, 600	300, 450, 600, 750
	Height (mm)	
Triangle	600	600, 750
	Height (mm)	
Octagonal	N/A	750
	Size (mm)	
Rectangle	310x460, 450x300, 520x290, 525x290, 525x600, 600x600	310x460, 450x300, 520x290, 525x290, 525x600, 600x600, 650x475, 664x388 695x425, 600x680

NB: Please speak to a member of the Zeta team for more information on desired size



For more information visit: [www.zetaled.co.uk](http://www.zetaled.co.uk)

### Zeta Specialist Lighting

Telford Road, Bicester  
Oxfordshire OX26 4LB

Tel +44(0)1869 322500  
Email [info@thezetagroup.com](mailto:info@thezetagroup.com)

**zeta**  
Specialist Lighting