



SmartScape

Solar Heritage

Lantern



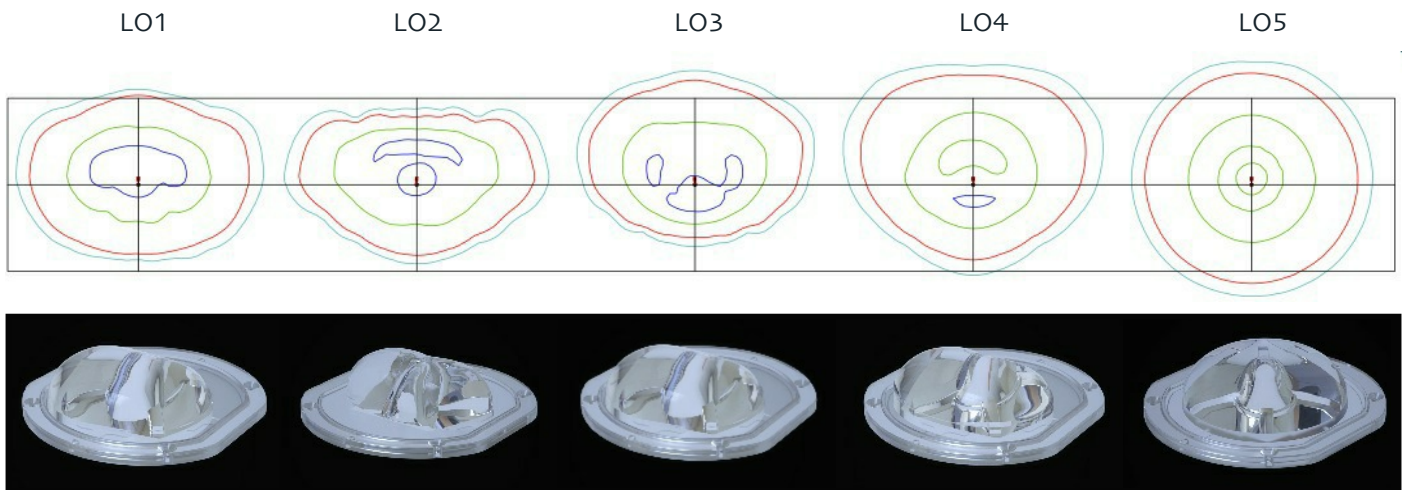
Zeta's SmartScape Solar Heritage Lantern is a unique and intelligent solution suitable for a variety of applications.

Zeta's unique design utilises high quality lens technology, Cree LEDs and the Zeta PS800 Controller ensuring longevity in situ with the use of the highest quality components.

The uniquely-designed Solar Heritage comprises; four integrated PV panels to ensure light is captured from all angles. The versatile Solar system provides significant energy and cost savings when compared to traditional lamps, whilst not comprising on quality of light.

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.

Lens Options



Features

- Bespoke, versatile solutions
- Off grid solution
- Enhanced aesthetics
- Superior lighting levels
- No upward spill of light
- Low maintenance
- Energy and cost savings
- Improved carbon efficiency
- Range of lens options available
- High quality - UK made
- Easy to install

Applications

- Exterior
- Streets and roads
- Residential areas
- Pathways
- Parks and gardens
- Railway stations
- Town centres
- Villages
- Historical sites
- Urban areas
- Rural areas



Optical Performance

Cree LED - the Chip-On-Board Ceramic Substrate LEDs have a high lumen output, high efficacy, superior light distribution and more efficient heat dissipation than most competing products

Superior luminaire efficacy - Up to 200lm/W

Lens technology - innovative and highly efficient Silicone lens technology is utilised in Zeta's range of SmartScape Heritage solutions. This technology offers high optical efficiency, high temperature resistance, flexibility at low temperatures, UV-resistance, considerable reduction in yellowing effect over time and micro-crack resistance in harsh environmental conditions

Performance and Savings

Clever Heat Dissipation

The SmartScape Heritage incorporates intelligent cooling technology for optimum heat dissipation, which ensures a long life

Improved Safety & Reduced Environmental Impact

Enhanced visibility for pedestrians and traffic through improved colour rendering (CRI) of >80, as well as reduced light pollution

Specifications

PV Wattage (W)	12W
Light Source	Cree LED
LED Wattage (W)	Up to 2W
Colour Rendering Index (CRI)	>80 (Others Available Upon Request)
Colour Temperature (CCT)	2200 - 6500K
Average Rated Battery Life	7 years
Average Rated Life (Luminaire)	100,000 hrs
Ambient Temperature Range (°C)	-20°C to +50°C
Weight (kg)	14kg
Installation Height (m)	Up to 6m
Driver	Zeta PS800 Controller



zeta

Specialist Lighting

For more information visit:

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