

SMART Solar Lighting **SolBol Bollards**

Purpose-built for Australian conditions, the Leadsun SolBol delivers dependable, stand-alone solar lighting for pathways and wayfinding applications. Each bollard is completely self-contained - featuring its own high-efficiency solar panels and LiFePO₄ battery system - removing the need for trenching, cabling, or remote solar engines.

Designed for long-term performance, SolBol combines an oversized 32 Watt solar array and a 153 Wh battery to ensure reliable operation, even through extended periods of low sunlight. Its precision-engineered asymmetric optic provides compliant pathway illumination while minimising glare and light spill.

Manufactured with a durable powder-coated frame (stainless steel optional), the SolBol offers IP65 and IK08 protection to withstand Australia's harshest environments. Simple to install, architecturally refined, and exceptionally reliable; SolBol sets a new benchmark for sustainable off-grid lighting.



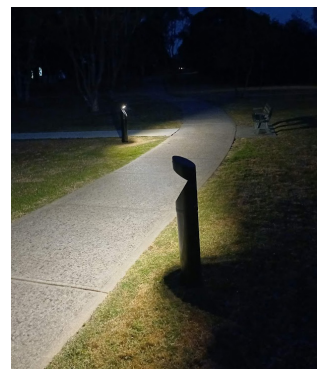
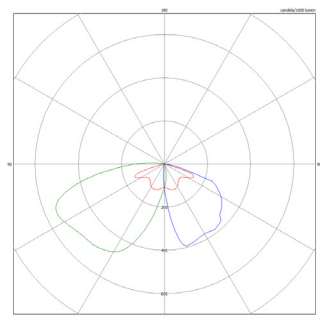
SolBol Bollard

CE | IP66 | IK08

Leadsun's SolBol is a fully self-contained solar-powered bollard, designed to deliver dependable pathway and wayfinding illumination without the need for trenching, cabling, or external solar engines. Each bollard integrates its own high-performance solar array and LiFePO₄ battery, ensuring continuous operation even through extended periods of low sunlight.

The Leadsun SolBol has been engineered specifically for Australia's harsh environmental conditions; combining robust construction, efficient LED optics, and intuitive motion sensing for adaptive light control. Ideal for pathways, parks, and public spaces, SolBol provides a premium lighting solution that is simple to install, sustainable, and reliable.

With a larger solar panel, an oversized battery, and smart programing, SolBol is ideal for pathways, parks, residential developments, car parks, and public spaces. SolBol offers more than 10 days of autonomy, ensuring dependable lighting all year round even in challenging locations.



PHYSICAL PARAMETERS	
Part No	SOLBOL BOLLARD
Material	Stainless Steel Grade 304
Finish	Black Powder Coated (Dulux Powder Coat Colours and Brushed Stainless Steel Available)
Diameter	180mm
Height	1.1m (Custom Heights Available)
Weight	21kg
Warranty	5 years
LIGHTING	
Light Output	135Lm/W
Light Power	0.3 - 5W
LED Type	Asymmetrical Distribution
Dimming	Yes
Programming options	Available
LED Colour Temperature	3000K (Options Available)
Motion Control	PIR
TECHNICAL & OPERATING PARAMETERS	
Footing type	Sleeve Footing for 500mm Deep Concrete Foundation, Slab / Pathway Surface Mount Available
Solar module total output	32W
Solar module effective output	10W
Battery voltage & cycle life	3.2Vdc / >3000 cycles
Battery charging temperature	Between 0°C~50°C
Battery discharging temperature	Between -10°C~50°C
Battery capacity	153 Wh

Disclaimer: All measurements noted in this document have been rounded to within ±20mm, ±1kg. Minimum order quantities required for non standard options. Actual product may vary slightly. Battery storage limitations apply.

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