



100% OFF GRID

HELIA SOLAR LIGHTING BOLLARD

solarvisionlighting.com

SOLAR
VISION
LIGHTING TECHNOLOGIES

100% OFF GRID

HELIA SOLAR LIGHTING BOLLARD

TECHNICAL SPECIFICATIONS

Bollard

Height	1.35m
Diameter	Solar 200-228mm / Pole 140mm
Material	Aluminium Die Casting
Foundation	Flanged Base
LED Rated Power	5W
Luminous Flux (lm)	600lm
Colour Temperature	2700K
IP Rating	IP65
Motion Sensor	PIR
Working Temperature	-15°C -70°C
Warranty	3 Years

Battery Pack

Battery Type	Lithium Iron Phosphate - LiFeP04 (2000 Cycles)
Battery Capacity	12.8V 307WH 24AH
Battery Lifetime	>4000 Cycles DOD 50% or >2000 Cycles at 100% DOD
Battery Autonomy	2-3 Days

Solar Charge

Structure	Aluminium Alloy
Dimensions	228 x 200 x 600mm
Pmax	55wp
Solar Cell Efficiency	20.20%
Operating Temperature	-30°C - 70°C
Lifetime	25 years
Warranty	3 years

Controller

Charge Mode	MPPT
System Voltage	12V
Efficiency	>98%
Setting Method	Wireless Remote Control
Installation Method	Built-In
Operating Temperature	-40°C -80°C
IP Rating	IP68

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PRODUCT INFORMATION

Our unique HELIA Solar Bollard, designed to provide a subtle and much needed option to light areas where a street light would be overbearing. Especially ideal for access roads and footpaths to parks, golf clubs, county estates, car parks and cycle routes.

The HELIA Solar Bollard is equipped with advanced LED and photovoltaic technology. The vertical design of the solar module provides for very low maintenance, reducing the need for cleaning, which maximises yields at all times.

Once installed the unit immediately charges the battery and manages the lighting profile specific to the client's requirements.

With built-in dusk to dawn sensor and a motion sensor, we are able to provide a working solution for all seasons and reduce the light pollution during the night to protect habitats in the surrounding area.

