



SPECTRUM SERIES

HELIA

SOLAR LIGHTING BOLLARD

solarvisionlt.co.uk

**SOLAR
VISION**
LIGHTING TECHNOLOGIES

HELIA

SOLAR LIGHTING BOLLARD

TECHNICAL SPECIFICATIONS

Product Type

| | |
|---------------------|------------------------------|
| Bollard Height | 1.35m |
| Diameter | Solar 200-228mm / Post 140mm |
| Material | Aluminium Die Casting |
| Foundation | Flanged Base |
| LED Rated Power | 5W |
| Luminous Flux (lm) | 600lm |
| Colour Temperature | 4000k |
| 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 Lifetime | >4000 Cycles DOD 50% or >2000 Cycles at 100% DOD |
| Battery Autonomy | 2-3 Days |

Solar Charge - Q55

| | |
|-----------------------|-------------------|
| 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 | By Remote Control |
| Installation Method | Built-In |
| Operating Temperature | -40°C - 80°C |
| IP Rating | IP68 |



PRODUCT INFORMATION

Our unique Helia Solar Lighting Bollard is designed to provide a subtle and much needed option to light areas where street light would be over bearing. Ideal for access roads and footpaths to parks, clubs, country estates, car parks and cycle routes.

Our Helia Solar Lighting Bollard is equipped with advanced LED and photovoltaic technology. The vertical design of the SOLAR WRAP® 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 a lighting profile specific to the clients requirements.

With a 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 habitat in the surrounding area.