

## Sobol Bollard

### Technical Specification

#### Solar Panels

Power: 17.2w (4 x 4.3w panels)

Material: polycrystalline silicon

Construction: photovoltaic cells sealed behind UV stabilised tempered glass.

#### Battery

Type: AGM VRLA - lead acid battery

Capacity: 6V / 10Ah

Lifetime: Up to 5 years at 20°C

Operating Temperature: -20 to +60°C

Transportation: meets all requirements of the international air transport association (i.a.t.a dangerous goods regulations).

Conforms to bs en61056-1 and iec1056-1 regulations.

#### Light Emitting Diode (Led)

CRI: 75

Max Current: 520mA

Max LED Power: 1.43W

180 lumens per watt

#### PIR Sensors

Passive infrared sensor

Range: up to 5 metres

Detection Angle: 120°

#### Materials

Cap and lid Die-cast aluminium, to BS EN 755-2:2013

Post and chassis Extruded aluminium to BS EN 755- 9:2001

Processing CNC machining with cutter heads using mineral-based coolant

Finishing Powder coating to PE54

