



SBL | SOLAR BOLLARD LIGHTS

DESCRIPTION

SBL fully sealed, self-contained, marine grade aluminum solar bollards offering exceptional performance, durability and impact resistance in the most extreme locations where continuous, full power lighting is required from dusk until dawn, 365 days a year.

No similar product can out-perform the SBL2 Solar LED bollard for quality, durability, low maintenance and continuous performance, especially in locations where cyclones, hurricanes, typhoons, tidal surges, tsunamis and regular flooding are prevalent. The SBL2 Solar LED Bollards have proven long term resistance to the most extreme conditions in more than 35 countries, including submersion by water, impact by hail, exposure to sun and attack by vandals.

The domed top prevents any direct impact on the solar module, stops birds perching and ensures debris or dust does not reduce the charging capacity of PV panels.

An exceptional 10 year warranty confirms the reliability and durability of this exceptional range of solar bollards.

WALL MOUNT OPTIONS



POLE MOUNT OPTIONS



FEATURES

- LED lights run at full power from dusk until dawn
- Power rating is set for the specific installation location and conditions
- Can operate for more than 5 days without sunlight depending on LED power rating
- Can operate even when totally submerged by water
- Outstanding impact resistance – IK10 Certified – withstands impact from debris and vandalism
- Highly weather resistant - IP68 certified (submersible to 3m depth).
- Marine grade aluminum poles and base mounting for maximum corrosion resistance.
- Dome top with no exposed edges prevents birds using the bollards as a resting point
- LEXAN SLX Polycarbonate dome offers exceptional resistance to damage from impact and vandals
- 10WW year warranty

SPECIFICATIONS

MATERIALS

DOME	LEXAN SLX Polycarbonate (Highest UV stabilized PC available)
HOUSING	LEXAN 203R Polycarbonate (UV stabilized)
INTERNAL	STAREX ASA (Acrylonitrile styrene acrylate)
POLES	Aluminum 6106-T6 marine grade (25um anodized or powder coated)
POLE COLOR	Clear anodized (std), black anodized or powder coated available on special order
CERTIFICATION	IK10 Certified - withstands impact from debris and vandalism IP68 Certified - submersible to 3m depth
WARRANTY	10 years
OPERATING TEMP.	-22°F ~ +140°F ambient

LED LIGHT

VOLTAGE	3.2V
LED CHIPS	8 x 5mm Piranha LED super bright
LIGHT DISTRIBUTION	Asymmetrical or symmetrical
COLOR	4300K (Natural white) or 3000K (Warm white)
RUNTIME	Dusk until dawn on full power

BATTERY

TYPES	3.2V 17Ah cylindrical LiFePo4
CYCLES	3700 (expected minimum)
DESIGN LIFE	10+ years

SOLAR MODULE

WATTAGE	5w mono-crystalline
DESIGN LIFE	10 years

GROUND FIXING OPTIONS

- Direct bury
- Base plate mount
- Wall mount (with or without caps)
- Pole mount (with or without caps)

