

Mac Sol Solar Powered LED Bollard

FIXTURE TYPE: _____

PROJECT NAME: _____



Glulam solid wood bollard with solar powered LED light source.

FEATURES:

- Low installed cost, no trenching, cabling or wiring
- No electric bills, no lamp replacement
- Provides a visibly green statement with no ongoing carbon emissions
- Certified by Forest Stewardship Council (FSC)
- Automatically manages performance based on environmental conditions

SPECIFICATIONS:

HOUSING: Solid wood bollard is assembled through glulam construction and precision machined using CNC technology. Adhesive complies with ASTM D-2559 glulam construction specifications for extreme exposed weather conditions and is waterproof and rated for wet or dry use exposure.

Glulam wood is fastened to a concrete anchor bolt base with concealed hardware accessible from top access plate. Anchor bolt kit includes (4) hot dip galvanized anchor bolts and fasteners and a ridged concrete pour template.

SOLAR MODULE: Panel integrated into the top cap encapsulated in a high impact, UV resistant, polycarbonate.

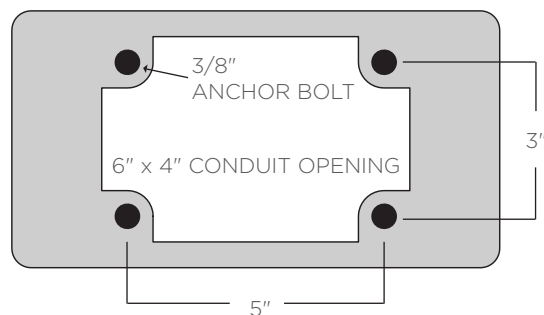
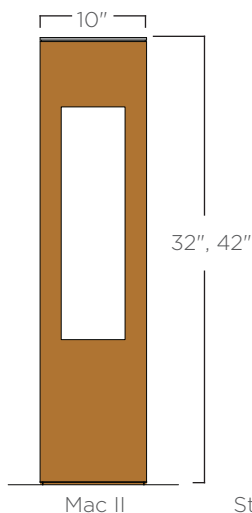
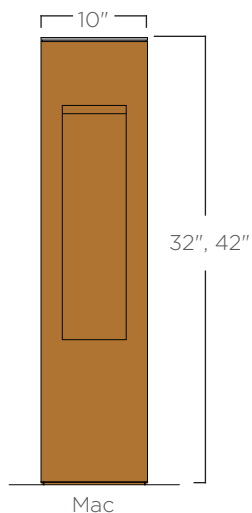
BATTERY: High performance Lithium battery. Exceptional 8 to 10 year life cycle. High temperature tolerance with a -4°F winter rating. Contained within the bollard and designed for easy changes when required.

OPTICAL SYSTEM: Three high-output LEDs with a combined lumen output of 130 lumens in 3000K or 4300K with a 50,000 hour L70 life.



FINISHES AND MATERIALS: Woods are finished with a low VOC waterborne matte exterior finish containing UV and mildew inhibitors. All aluminum parts are polyester powder coat painted.

HARDWARE: Fasteners are stainless steel. Anchor bolt kits are hot dip galvanized.



Standard Concrete Foundation or Optional Screw-In Bollard Foundation⁽¹⁾

Powered By:
FIRSTLIGHT
TECHNOLOGIES



Team Solarcology®
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ORDERING GUIDE: EXAMPLE: M II SOL-42-L43S-S1-BLKTX-00-SCW



1	Series	4	Wood Finish	6	Lighting Profile
M SOL	Solar Mac	S*	See color options on finishes technical sheet	00	Dusk 'til Dawn
M II SOL	Solar Mac II			01	Dark +6 hours then off
2	Overall Height	5	Metal Finish	02	Dark +6 hours then 30%
32	32"	BLKTX	Black Texture	03	Dark +5 hours, off, Dawn -1 hour
42	42"			04	Dark +5 hours, 30%, Dawn -1 hour (DEFAULT)
3	Color Temperature			7	Special
L30S	3000K LED			STD	Standard
L43S	4300K LED			MOD	Modified

1. Spec sheet for Screw-In Bollard Foundation is available in the Accessories section.