

FIXTURE TYPE: _____

PROJECT NAME: _____



Glulam solid wood bollard with First Light Technologies solar powered LED light source ideal for pathway illumination.

FEATURES:

- AC option has high efficacy and ultra-low power consumption
- Solar option allows for low installation cost, no trenching, and immune to power outages while automatically optimizing performance
- Provide a visibly green statement with solar power
- Concealed anchor bolts or screw-in foundation

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.

SOLAR MODULE: Module integrated into the top cap encapsulated in a high-impact, UV resistant, polyurethane. Automatically adapts to optimize lighting performance based on environmental conditions and lighting requirements.

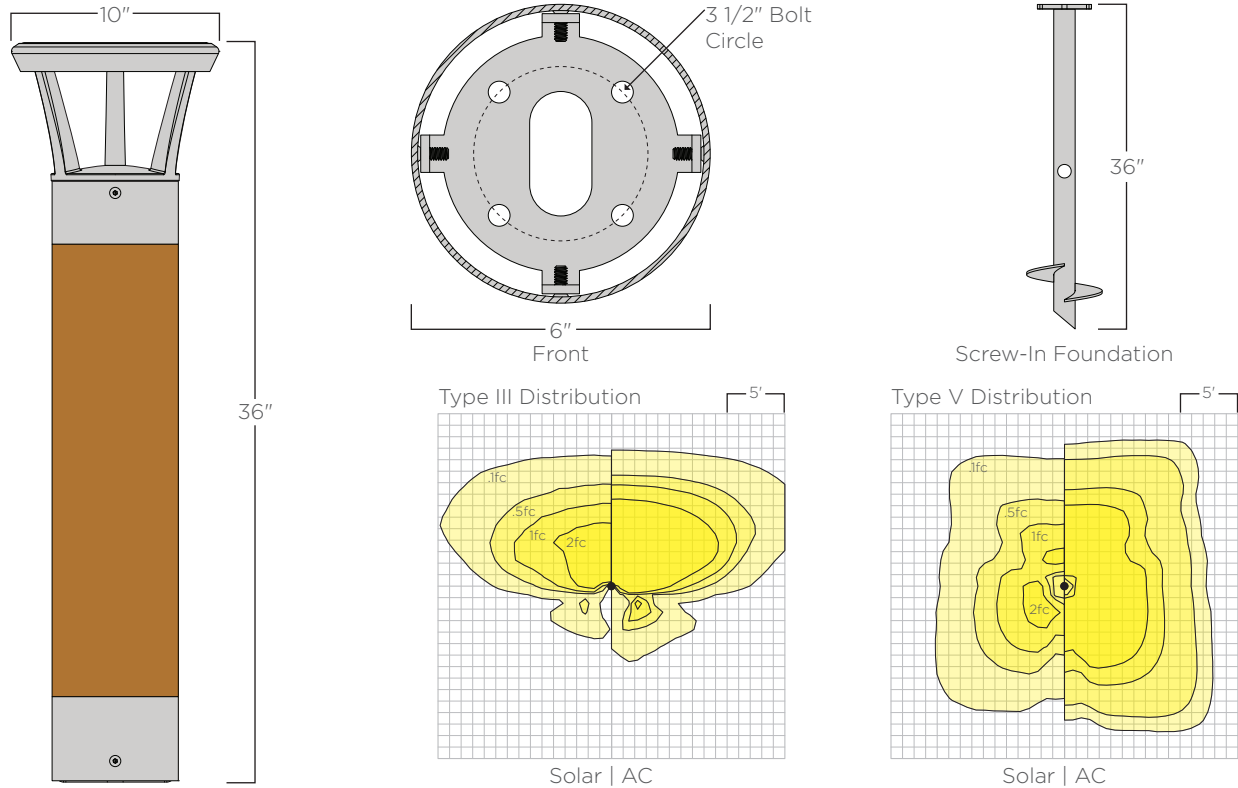
BATTERY: High-performance lithium battery. Exceptional 8 to 10 year life cycle. High temperature tolerance with a -4°F winter rating. Contained within the bollard and designed for easy changes when required.



OPTICAL SYSTEM: Uses high-output LEDs with a 100,000 hour L70 life. Typical solar lumen output is 239-370 lumens and AC powered output of 740 lumens (Type III) and 1200 lumens (Type V). Available with warm white (3000K), neutral white (4000K), and amber (595nm) color temperatures.

FINISHES AND MATERIALS: Woods are finished with a low VOC waterborne matte exterior finish containing UV and mildew inhibitors. All exterior aluminum parts are polyester powder coat painted to AAMA-2604 standard. [Care and Maintenance](#)

HARDWARE: Fasteners are stainless steel. Concealed anchor bolt kits are hot-dip galvanized.



ORDERING GUIDE: EXAMPLE: ZORA-SOL-36-L30-5-S2-C7-04-SCW-STD



ZORA		36								STD
1	2	3	4	5	6	7	8	9	10	

1	Series
ZORA	Zora
2	Power
AC SOL	AC Powered Solar Powered
3	Overall Height
36	36"
4	Color Temperature
L30 L40 AMB	3000K 4000K Amber ⁽¹⁾

5	Distribution
3 5	Type III Type V
6	Wood Finish
S*	See color options on finishes technical sheet
7	Metal Finish
C1 C6 C7 CSM	Bone White Bronze Jet Black Custom

8	Lighting Profile⁽²⁾
00	On at dusk, off at dawn
01	On at dusk, off after 6 hours
02	On at dusk, dim to 30% after 6 hours
03	On at dusk, off after 5 hours, on 1 hour before dawn, off at dawn
04	On at dusk, dim to 30% after 5 hours, on 1 hour before dawn, off at dawn (default)
NA	AC Powered
9	Mounting
CB SCW	Concrete Anchor Bolts Screw-In Foundation
10	Special
STD	Standard

1. Amber option approved by the Florida Fish and Wildlife Conservation Commission for use in Sea Turtle Habitats
 2. Lighting Profile applies only to solar powered option. Select NA for AC powered applications.