

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.

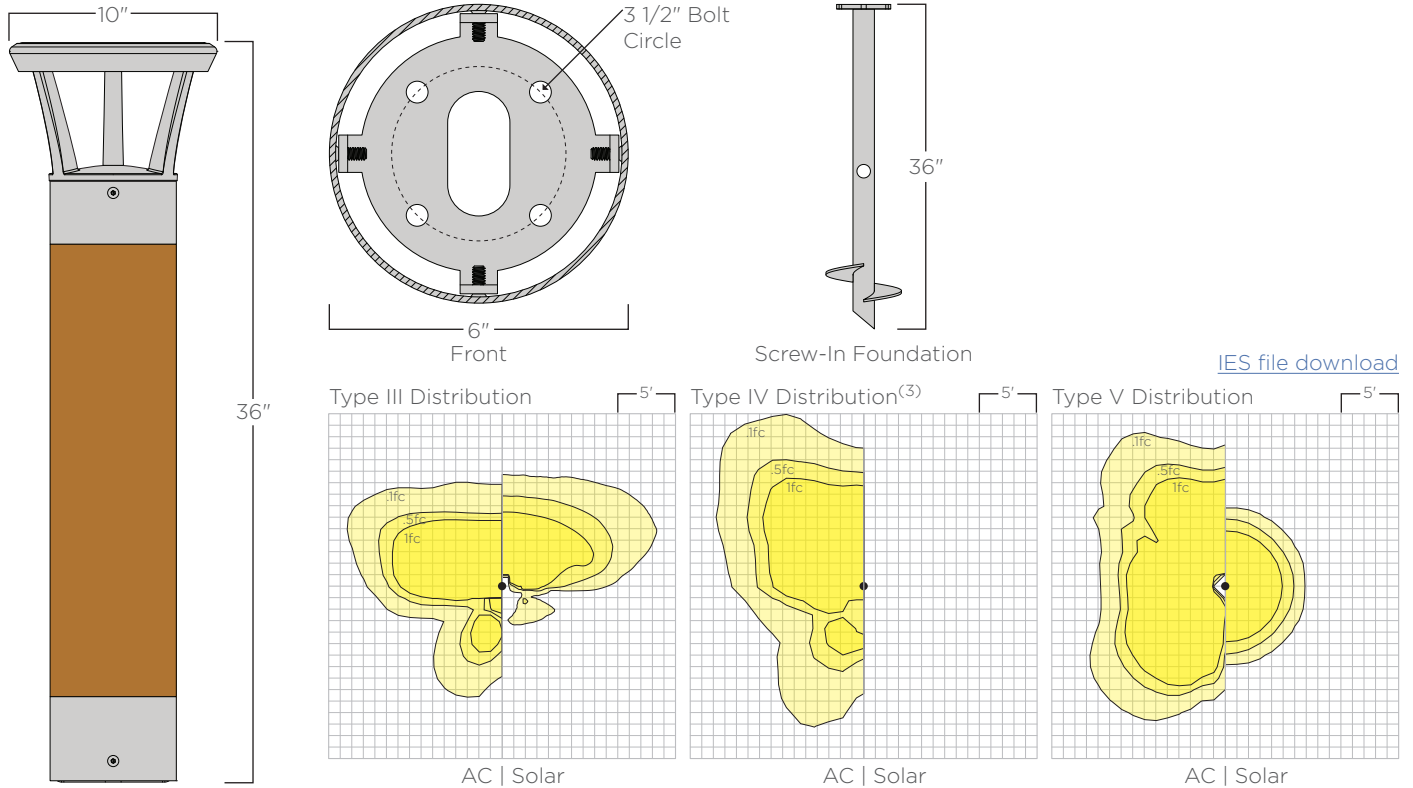
**BATTERY:** High-performance lithium battery. Exceptional 8 to 10 year life cycle. High temperature tolerance with a -4°F winter rating. Contained within the bollard and designed for easy changes when required.



**OPTICAL SYSTEM:** Uses high-output LEDs with a 100,000 hour L70 life. Typical solar lumen output is 240-370 lumens with warm white (3000K) or neutral white (4000K) color temperatures. Output for AC is 950 lumens with warm white (3000K) and neutral white (4500K) color temperature options.

**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 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							
1	2	3	4	5	6	7	8	9	10

<b>1</b>	<b>Series</b>	<b>5</b>	<b>Distribution</b>	<b>8</b>	<b>Lighting Profile<sup>(5)</sup></b>
<b>ZORA</b>	Zora	<b>3</b>	Type III	<b>00</b>	Dusk 'til Dawn
<b>2</b>	<b>Power</b>	<b>4</b>	Type IV <sup>(4)</sup>	<b>01</b>	Dark +6 hours then off
<b>AC</b>	AC Powered	<b>5</b>	Type V	<b>02</b>	Dark +6 hours then 30%
<b>SOL</b>	Solar Powered	<b>6</b>	<b>Wood Finish</b>	<b>03</b>	Dark +5 hours, off, Dawn -1 hour
<b>3</b>	<b>Overall Height</b>	<b>S*</b>	See color options on finishes technical sheet	<b>04</b>	Dark +5 hours, 30%, Dawn -1 hour (default)
<b>36</b>	36"	<b>7</b>	<b>Metal Finish</b>	<b>9</b>	<b>Mounting</b>
<b>4</b>	<b>Color Temperature</b>	<b>C1</b>	Bone White	<b>CB</b>	Concrete Anchor Bolts
<b>L30</b>	3000K LED	<b>C2</b>	Light Silver	<b>SCW</b>	Screw-In Foundation
<b>L40</b>	4000K LED <sup>(1)</sup>	<b>C6</b>	Bronze	<b>10</b>	<b>Special</b>
<b>L45</b>	4500K LED <sup>(2)</sup>	<b>C7</b>	Jet Black	<b>STD</b>	Standard
<b>AMB</b>	Amber <sup>(3)</sup>	<b>CSM</b>	Custom	<b>MOD</b>	Modified

1. 4000K color temperature available only with solar powered option  
 2. 4500K color temperature available only with AC power option.  
 3. Amber option approved by the Florida Fish and Wildlife Conservation Commission for use in Sea Turtle Habitats  
 4. Type IV distribution available only on AC powered option.  
 5. Lighting Profile applies only to solar powered option.