The ReCon LPB
The Future of Precast Light Pole Bases

The ReCon LPB can easily accommodate light poles up to 25’ in height - taller depending on the conditions.

Exposed heights up to 36”

Adjustable Anchoring System can accommodate bolt circle diameters from 7-½” up to 13-½”

Exposed heights up to 12”

The ReCon LPB is in stock and ready to install. Available product lengths will vary depending on the producer.

Large side openings leading to a central vertical pathway

Able to accommodate multiple conduits from all directions

ReCon LPB - 8’ Option
Approx. Weight: 3500 lbs.
Concrete: Min. 5,000 psi
Diameter: 24”

ReCon LPB - 6’ Option
Approx. Weight: 2600 lbs.
Concrete: Min. 5,000 psi
Diameter: 24”

... Attractive Natural Stone Texture Coming 2019!
Design

- Independent testing on the Anchoring System within the ReCon LPB.
- Comprehensive Engineering Reference Manual that outlines the design process, which follows Code and industry standard.
- Design charts available that are intended to demonstrate the capabilities of the ReCon LPB system.
- The entire manual, including the testing completed, has been independently reviewed by a third-party engineering firm.
- The Engineering Reference Manual is available to industry engineers to aid in the completion of stamped calculations and drawings for site specific design. Visit reconbases.com for more information.

<table>
<thead>
<tr>
<th>ReCon LPB - Summary Table</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pole Height (ft)</td>
</tr>
<tr>
<td>Pole Shape</td>
</tr>
<tr>
<td>Pole Diameter/Width (in)</td>
</tr>
<tr>
<td>Fixture Contact Area (ft²)</td>
</tr>
<tr>
<td>Minimum Bolt Circle Diameter (in)</td>
</tr>
<tr>
<td>Maximum Exposed Height (ft)</td>
</tr>
</tbody>
</table>

Assumes 8’ tall foundation, 105 mph wind speed (Exposure C), and foundation soils with a phi angle of 30 degrees. Refer to the ReCon LPB Engineering Reference Manual for additional information on design and analysis. Final design of all ReCon LPB’s shall be completed by a Professional Engineer.

Installation

Aside from the typical requirements for installation (auger hole, place foundation, level, backfill, etc.), ReCon has several specific requirements that are unique to the ReCon LPB System:

- Thread (1) 3/4” diameter x 9” long HDG rod into the anchoring nut, located at the bottom of the slot created by insert, ensuring that it is seated tightly against the bottom – four total.

- Fill in the slot, created by the insert, with fluid grout.

- Place (1) 3” x 3” x 5/16” thick HDG bearing washer over each rod and secure with (1) 3/4” HDG nut. Tighten nut to the recommended installation torque.

- Install light pole with baseplate onto the projecting threaded rods using typical HDG nuts and washers per the Manufacturer’s recommendations.