The Lighthouse Bollard is unlike any other lighting fixture on the market. A contemporary interpretation of classic lighthouse design, the Lighthouse Bollard is a unique combination of efficient performance and irresistible visual appeal. From waterfront settings to city streets, Lighthouse is built to withstand the demands of any environment.

### MATERIAL & CONSTRUCTION DETAILS

<table>
<thead>
<tr>
<th>COLUMN</th>
<th>FINISH</th>
<th>LAMP</th>
<th>INSTALLATION &amp; MAINTENANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Column is made from solid corrosion-resistant cast aluminum and features horizontal score lines.</td>
<td>• See the Forms+Surfaces Powdercoat Chart for details. Custom RAL colors are available for an upcharge.</td>
<td>• Standard lamps are compact fluorescent (CFL) or high intensity discharge (HID). See lamp information on pages 2 and 3.</td>
<td>• Standard mounting is surface mount with 1/2”-13x18” galvanized steel J-bolt anchors.</td>
</tr>
<tr>
<td></td>
<td>• Due to the inherent nature of metal castings, gloss powdercoats are not offered for cast components.</td>
<td>• All metal halide HID lamps are coated and color-improved.</td>
<td>• Installation of a surge protector as part of each unit’s wiring is recommended.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEAD</th>
<th>WEIGHT</th>
<th>BALLAST</th>
<th>MAINTENANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Head is a 3-part cast aluminum assembly with a frosted borosilicate glass lens cylinder and gasketed top and bottom.</td>
<td>• 56 lbs (25 kg)</td>
<td>• CFL: electronic, thermally protected, 120/277V combination for 26W or 42W compact fluorescent lamp, less than 10% THD, 0 °F starting temperature.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• HID: F-can ballast, thermally protected, 120/277V, -20 °F starting temperature, class B sound rating.</td>
<td>• Metal surfaces can be cleaned as needed using a soft cloth or brush with warm water and a mild detergent. Avoid abrasive cleaners.</td>
</tr>
</tbody>
</table>

### NOMINAL DIMENSIONS (CFL LAMPS)

- Lamp (provided as specified)
- Cast aluminum head
- Borosilicate glass cylinder, gasketed top and bottom
- CFL 4 pin socket
- Electronic ballast multi-voltage (120/277V)
- Ballast mounting plate
- Tapered cast aluminum column
- 1/2-13 all-thread 34.5” long (2x)
- 25” base plate
- Conduit with 42” wire whip by others

### NOMINAL DIMENSIONS (HID LAMPS)

- Lamp (provided as specified)
- Cast aluminum head
- Borosilicate glass cylinder, gasketed top and bottom
- 4KV pulse rated medium base socket
- Supply wiring terminal block
- F-can ballast multi-voltage (120/277V)
- Ballast mounting plate
- Tapered cast aluminum column
- 1/2-13 all-thread 34.5” long (2x)
- 25” base plate
- Conduit with 42” wire whip by others

### BASE PLATE MOUNTING DETAIL

- 0.62” (15.75 mm) clearance holes for 1/2-13 anchor bolts (3x)
- Ø2.69” conduit opening
- 6.0” (152 mm) dia. bolt circle
- 0° (3x)
- 0° (3x)
- 120° (3x)
LAMP DESCRIPTIONS

<table>
<thead>
<tr>
<th>LAMP</th>
<th>DESCRIPTION</th>
<th>BASE</th>
<th>COLOR TEMPERATURE</th>
<th>LUMINAIRE LUMENS*</th>
<th>B.U.G. RATING</th>
<th>ANSI CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFM26</td>
<td>26W triple tube 4-pin compact fluorescent</td>
<td>GX24q-3</td>
<td>4,100</td>
<td>424</td>
<td>B0-U2-G1</td>
<td>---</td>
</tr>
<tr>
<td>CFM42</td>
<td>42W triple tube 4-pin compact fluorescent</td>
<td>GX24q-4</td>
<td>4,100</td>
<td>779</td>
<td>B1-U3-G1</td>
<td>---</td>
</tr>
<tr>
<td>M70</td>
<td>70W metal halide, high intensity discharge</td>
<td>E26 medium</td>
<td>4,000</td>
<td>1364</td>
<td>B1-U3-G2</td>
<td>M143/M98/E</td>
</tr>
</tbody>
</table>

*Luminaire lumens represents the absolute photometry for the luminaire, and indicates the lumens out of the entire fixture.

NOTE: Polar candela and isofootcandle plots can be found on the Lighthouse Bollard product page on our website.

CERTIFICATION
- UL and C-UL listed for wet locations.

ENVIRONMENTAL CONSIDERATIONS
- Please refer to the Lighthouse Bollard Environmental Data Sheet for detailed environmental impact information.
- Lighthouse Bollard has high recycled content and is highly recyclable.
- Powdercoat finishes are no- or low-VOC, depending on color.
- Low maintenance.

MODEL NUMBERS AND DESCRIPTIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>L209-HID</td>
<td>Lighthouse Bollard, HID</td>
</tr>
<tr>
<td>L209-CF</td>
<td>Lighthouse Bollard, CFL</td>
</tr>
</tbody>
</table>

PRODUCT OPTIONS
The following options are available for an upcharge

- Premium Texture Colors from Forms+Surfaces Powdercoat Chart
- Custom RAL powdercoat color

LEAD TIME: 6 to 8 weeks. Shorter lead times may be available upon request. Please contact us to discuss your specific timing requirements.

PRICING: Please contact us at 800.451.0410 or sales@forms-surfaces.com. At Forms+Surfaces, we design, manufacture and sell our products directly to you. Our sales team is available to assist you with questions about our products, requests for quotes, and orders. Territory Managers are located worldwide to assist with the front-end specification and quoting process, and our in-house Project Sales Coordinators follow your project through from the time you place an order to shipment.

TO ORDER SPECIFY: Quantity, model, powdercoat color, lamp. Quote/Order Forms are available on our website to lead you through the specification process in a simple checkbox format.