

# 720LB TINLEY LIGHTED BOLLARD

# SPECIFICATIONS

## GENERAL

The Model 720LB decorative lighted bollard shall be aluminum, one-piece construction. The square aluminum shaft base shall be constructed with decorative cast window grilles and overhung roof cap. The Model shall be Sternberg Lighting #720LB lighted bollard or #720LB-QR quick release lighted bollard.

## CONSTRUCTION

The bollard housing shaft shall be 7" square having a wall thickness of 3/16" and made of ASTM 6061 extruded aluminum and tempered to a T6 condition. The bollard features four 6" wide windows with stylized cast design grille work. The cast 12" square roof shall cantilever the fixture body and have a solid aluminum soffit. The assembly comes standard with a 1-piece white lens made of 1/4" thick square heavy-duty acrylic for vandal resistance. Optional lenses are available. The internal anchor base shall be 6 1/2" square and made of heavy wall, 356 alloy cast aluminum and shall be vertically fastened to bollard housing. It shall have a 1/2" thick floor cast as an integral part of the base. The over-all height of the bollard shall be 48". (For other heights, consult factory).\*

## ELECTRICAL

All electrical components shall be U.L. approved. H.I.D. ballasts shall be high power factor with lamp starting down to -30 degrees C. Medium base porcelain sockets to be 4KV rated. The ballast/socket assembly shall be pre-wired. Optional compact fluorescent (PL) ballasts shall be instant start electronic with a starting temperature of down to -0 degrees F. They shall have a 4-pin socket and support quad tube and triple tube lamps. Ballasts shall be DOE EISA compliant.

## QUICK RELEASE MOUNTING (Optional)

The Model 720LB-QR shall have a quick release option which allows quick removal of the bollard for convenience or emergency access. The burial portion shall be made of ASTM 6061 aluminum extrusion and shall have a keyway and flexible connection system for securing to bollard. The bollard shall have a mated extension and anti-rotation key and padlock slot. The quick release system shall allow for a flush pavement installation after temporary bollard removal.

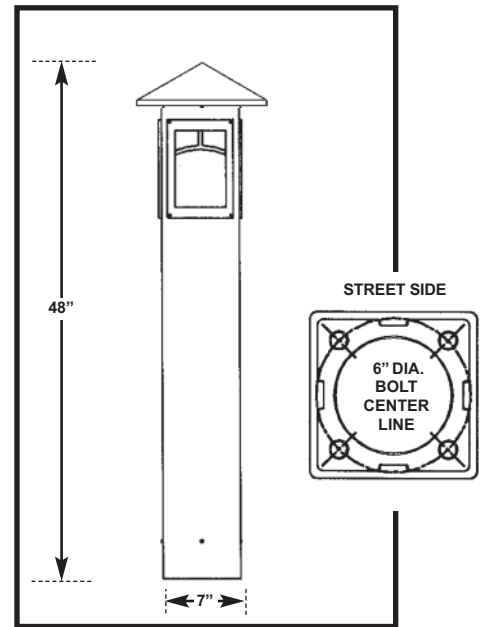
## FINISH

Prior to coating, each assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance and excellent adhesion for the finish coating. The finish coating shall be electrostatically applied semi-gloss, super durable polyester powder baked at 400 degrees for a durable and superior, color retentive finish. Our optional antique Verde Green finish and Swedish Iron finish are hand brushed using a 3-step process. The total assembly shall be wrapped in shockproof wrapping or fully enclosed in corrugated cartons.

## INSTALLATION

Four, hot-dipped galvanized "L" type anchor bolts shall be provided with the post for non-quick release bollard anchorage. Quick release anchorage requires no anchor bolts. Bollard will be provided with a grounding stud mounted on the base floor.

**WARRANTY** Five-year limited warranty. See product and finish warranty guide for details.



See installation template for exact door position.

## BUILDING A PART NUMBER      PART NUMBER SELECTIONS

BOLLARD MODEL	OPTIONAL CHAIN LOOP	OPTIONS	LIGHT SOURCE BALLAST WATTS/TYPE/VOLTS	FINISH	BALLASTS	LAMPS	STANDARD FINISHES*	• RT Rust	• WBR Weathered Brown	• CD Cedar	• WBK Weathered Black	• TT Two Tone	<b>STERNBERG SELECT FINISHES</b>
720LB		FHS	70HPS120	VG	<ul style="list-style-type: none"> <li>• 35HPS</li> <li>• 50HPS</li> <li>• 70HPS</li> <li>• 100HPS</li> <li>• 50MHP</li> <li>• 70MHP</li> <li>• 100MHP</li> <li>• 26PLT</li> <li>• 32PLT</li> <li>• 42PLT</li> <li>• INCAND</li> </ul>	<ul style="list-style-type: none"> <li>• HPS35/MED</li> <li>• HPS50/MED</li> <li>• HPS70/MED</li> <li>• HPS100/MED</li> <li>• MHP50/MED</li> <li>• MHP70/MED</li> <li>• MHP100/MED</li> <li>• PLT2P6</li> <li>• PLT32</li> <li>• PLT42</li> </ul>	<ul style="list-style-type: none"> <li>• BKT Black Textured</li> <li>• WHT White Textured</li> <li>• PGT Park Green Textured</li> <li>• ABZT Architectural Medium Bronze Textured</li> <li>• DBT Dark Bronze Textured</li> </ul>	• VG Verde Green	• SI Swedish Iron	• OWGT Old World Gray Textured	<ul style="list-style-type: none"> <li>• PEC1 Photocell-Bimetal 120 Volt</li> <li>• PEC2 Photocell-Bimetal 208-277 Volt</li> <li>• PEC1-E Photocell-Electronic 120 Volt</li> <li>• PEC2-E Photocell-Electronic 208-277 Volt</li> <li>• FHS Single Fuse and Holder-120,277 Volt</li> <li>• FHD Dual Fuse and Holder-208,240,480 Volt</li> <li>• GFI Ground Fault Interrupter Duplex Outlet<sup>1</sup></li> <li>• LAMPS Select from list</li> </ul>		
<p><b>MODELS *</b></p> <ul style="list-style-type: none"> <li>• 720LB</li> <li>• 720LB-QR</li> </ul> <p>* NOTE: For custom heights, designate height after bollard model. Example: 720LB-42"</p> <p>** TO ORDER CHAIN: Specify total length of chain required for project.</p> <p>MHP- Metal halide systems are pulse start.</p>					<p><b>OPTIONAL CHAIN LOOP**</b></p> <ul style="list-style-type: none"> <li>• CL1 Chain Loop</li> <li>• CL2 Chain Loops 180°</li> </ul>	<p><b>VOLTAGES</b></p> <ul style="list-style-type: none"> <li>• 120</li> <li>• 208</li> <li>• 240</li> <li>• 277</li> <li>• 480</li> <li>• MULTI (120-277)</li> </ul>	<p><b>CUSTOM FINISHES</b></p> <ul style="list-style-type: none"> <li>• OI Old Iron</li> </ul>						