

2501BS LINCOLN UNLIT BOLLARD

SPECIFICATIONS

GENERAL

The Model 2501BS decorative unlit bollard shall be aluminum, one-piece construction. The 20" diameter cast aluminum base shall be constructed with a 7" diameter straight smooth aluminum shaft. The Model shall be Sternberg Lighting #2501BS unlit bollard or #2501BS-QR quick release unlit bollard. Optional 7" fluted shaft is available. Specify 2501B.

CONSTRUCTION

The base shall be designed with a cylindrically shaped lower section which gradually slopes to its straight smooth upper section. The base shall be made of heavy wall, 356 alloy cast aluminum. It shall have a 1" thick floor cast as an integral part of the base. The extruded shaft shall be made of ASTM 6061 aluminum and tempered to a T6 condition. The bollard cap shall be welded in place. The over-all height of the bollard shall be 55". (For other heights, consult factory).*

QUICK RELEASE MOUNTING (Optional)

The Model 2501BS-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

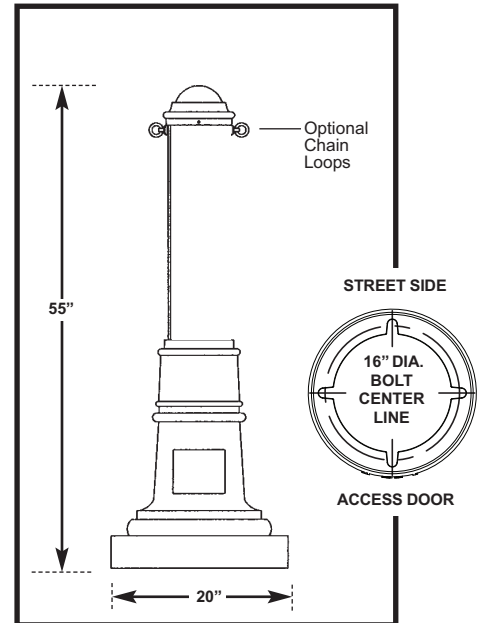
Prior to coating, each assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance and excellent adhesion for the finish coating. The finish 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. A door shall be provided for anchor bolt access. It shall be secured with tamper-proof, stainless steel hardware.

WARRANTY

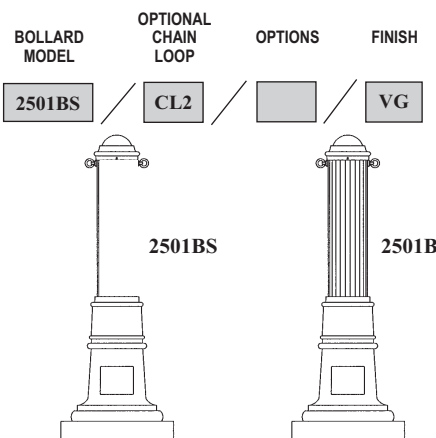
Five-year limited warranty. See product and finish warranty guide for details.



See installation template for exact door position.

BUILDING A PART NUMBER

PART NUMBER SELECTIONS



MODELS*

- 2501BS
- 2501BS-QR
- 2501B
- 2501B-QR

OPTIONAL CHAIN LOOP**

- CL1 Chain Loop
- CL2 Chain Loops 180°

* NOTE: For custom heights, designate height after bollard model. Example: 2501B-60"

** TO ORDER CHAIN: Specify total length of chain required for project.

STANDARD FINISHES*

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

*Smooth Finishes are available upon request

CUSTOM FINISHES

- OI Old Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

STERNBERG SELECT FINISHES

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

2501LBS LINCOLN LIGHTED BOLLARD

SPECIFICATIONS

GENERAL

The Model 2501LBS decorative lighted bollard shall be aluminum, one-piece construction. The 20" diameter cast aluminum base shall be constructed with a 7" diameter straight smooth aluminum shaft. The Model shall be Sternberg Lighting #2501LBS lighted bollard or #2501LBS-QR quick release lighted bollard. Optional 7" fluted shaft is available. Specify 2501LB.

CONSTRUCTION

The base shall be designed with a cylindrically shaped lower section which gradually slopes to its straight smooth upper section. The base shall be made of heavy wall, 356 alloy cast aluminum. It shall have a 1" thick floor cast as an integral part of the base. The extruded shaft shall be made of ASTM 6061 aluminum and tempered to a T6 condition. The bollard cap will be cast aluminum. The overall height of the bollard shall be 55". (For other heights, consult factory)*

ELECTRICAL

The optical assembly shall be constructed of twelve fluted openings with a white acrylic lens. 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 2501LBS-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.

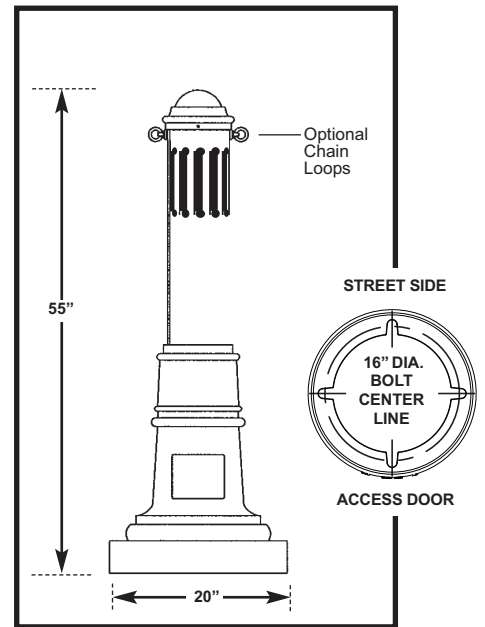
FINISH

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. A door shall be provided for wiring and anchor bolt access. It shall be secured with tamper-proof, stainless steel hardware. Bollard will be provided with a grounding stud mounted on the base floor opposite the access door.

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

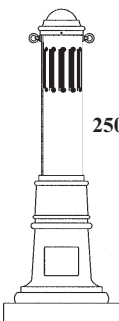


See installation template for exact door position.

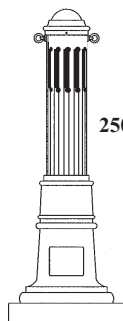
BUILDING A PART NUMBER

PART NUMBER SELECTIONS

BOLLARD MODEL	OPTIONAL CHAIN LOOP	OPTIONS	LIGHT SOURCE BALLAST WATTS/TYPE/VOLTS	FINISH
2501LBS	CL2	FHS	70HPS120	VG



2501LBS



2501LB

MODELS*

- 2501LBS
- 2501LBS-QR
- 2501LB
- 2501LB-QR

* NOTE: For custom heights, designate height after bollard model. Example: 2501LBS-60"

** TO ORDER CHAIN: Specify total length of chain required for project.

MHP- Metal halide systems are pulse start.

BALLASTS

- 35HPS
- 50HPS
- 70HPS
- 100HPS
- 50MHP
- 70MHP
- 100MHP
- 26PLT
- 32PLT
- 42PLT
- INCAND

VOLTAGES

- 120
- 208
- 240
- 277
- 480
- MULTI (120-277)

LAMPS

- HPS35/MED
- HPS50/MED
- HPS70/MED
- HPS100/MED
- MHP50/MED
- MHP70/MED
- MHP100/MED
- PLT26
- PLT32
- PLT42

OPTIONAL CHAIN LOOP**

- CL1 Chain Loop
- CL2 Chain Loops 180°

STANDARD FINISHES*

- BKT Black Textured
- WHT White Textured
- PGT Park Green Textured
- ABZT Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

*Smooth Finishes are available upon request

CUSTOM FINISHES

- OI Old Iron
- RT Rust

OPTIONS

- PEC1 Photocell-Bimetal 120 Volt
- PEC2 Photocell-Bimetal 208-277 Volt
- PEC1-E Photocell-Electronic 120 Volt
- PEC2-E Photocell-Electronic 208-277 Volt
- FHS Single Fuse and Holder-120,277 Volt
- FHD Dual Fuse and Holder-208,240,480 Volt
- GFI Ground Fault Interrupter Duplex Outlet¹
- LAMPS Select from List

- WBR Weathered Brown
- CD Cedar
- WBK Weathered Black
- TT Two Tone

STERNBERG SELECT FINISHES

- VG Verde Green
- SI Swedish Iron
- OWGT Old World Gray Textured

¹GFI not available with QR option

