

740LED PRAIRIE LIGHTED BOLLARD

SPECIFICATIONS

GENERAL

The Model 740LED decorative lighted bollard shall be aluminum, one-piece construction. The square aluminum shaft base shall be constructed with decorative cast window grilles and overhanging roof cap. The Model shall be Sternberg Lighting #740LED LED lighted bollard or #740LED-QR quick release LED lighted bollard. The bollard shall be U.L. or E.T.L. listed in U.S. and Canada.*

CONSTRUCTION

The bollard housing shaft shall be 7" square having a wall thickness of 3/16" and made of extruded aluminum. The bollard features four 6" wide windows with cast tree design grille work. The cast 7 1/2" square roof shall cap the fixture body. 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 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 overall height of the bollard shall be 48".

ELECTRICAL / LED

The LED light source shall have an IP65 rated assembly. The assembly shall consist of highly efficient, four (4) sided [optional three (3) sided] extruded aluminum heat sink, four (4) [optional three (3)] LED boards with 6 each high brightness LEDs and a sealed acrylic tube. The bollard shall be supplied with electrical surge protection in accord with IEEE/ANSI C62.41.2 and shall be U.L. or E.T.L. Listed in U.S. and Canada. The LED lighted bollard shall have an L70 expected life of 70,000 hours with the LED life ratings determined in accordance with IESNA LM-80. The electronic LED driver shall be a U.L. Recognized, constant current design with THD<20%.

QUICK RELEASE MOUNTING (Optional)

The Model 740LED-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 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.

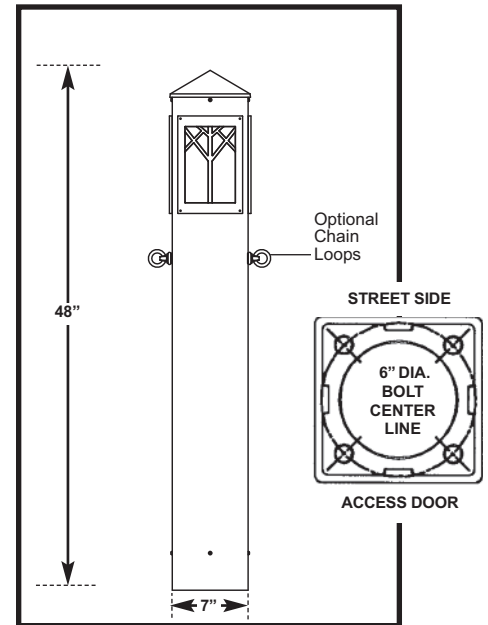
FINISH

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 Seven (7) 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	LIGHT SOURCE	DRIVER	OPTIONS	FINISH	MODELS	LIGHT SOURCES	STANDARD FINISHES*	• RT Rust
740LED	CL2	4S45TLCA	ML	PEC2	PG	<ul style="list-style-type: none"> 740LED 740LED-QR 	<ul style="list-style-type: none"> 4S60TLCA 30W 6000K Type V 4S45TLCA 30W 4500K Type V 4S35TLCA 30W 3500K Type V 3S60TLCA 23W 6000K Type V 3S45TLCA 23W 4500K Type V 3S35TLCA 23W 3500K Type V 	<ul style="list-style-type: none"> BKT Black Textured WHT White Textured PGT Park Green Textured ABZT Architectural Medium Bronze Textured DBT Dark Bronze Textured 	<ul style="list-style-type: none"> WBR Weathered Brown CD Cedar WBK Weathered Black TT Two Tone
						DRIVERS <ul style="list-style-type: none"> ML-120-277V MDL - Dimming 120-277V 		<ul style="list-style-type: none"> • DBT Dark Bronze Textured 	
						OPTIONAL CHAIN LOOP <ul style="list-style-type: none"> CL1 Chain Loop CL2 Chain Loops 180° 		<ul style="list-style-type: none"> • DBT Dark Bronze Textured 	
						TO ORDER CHAIN: Specify total length of chain required for project.		CUSTOM FINISHES <ul style="list-style-type: none"> • OI Old Iron 	
								<ul style="list-style-type: none"> • OI Old Iron 	
								STERNBERG SELECT FINISHES <ul style="list-style-type: none"> • VG Verde Green • SI Swedish Iron • OWGT Old World Gray Textured 	
								<ul style="list-style-type: none"> • PEC1' Photocell-Bimetal 120 Volt • PEC2' Photocell-Bimetal 208-277 Volt • PEC1-E' Photocell-Electronic 120 Volt • PEC2-E' Photocell-Electronic 208-277 Volt • LP Low Power / Reduced Output 11W (3S TLCA only) 	<ul style="list-style-type: none"> • FHD Dual Fuses and Holder • GFI Ground Fault Interrupter Duplex Outlet¹

*** NOTES**
¹U.L. listed components only. Bollard is not U.L. or E.T.L. listed with a photocell.

¹GFI not available with QR option