



# 720LED/730LED/740LED PRAIRIE SERIES

LED BOLLARDS

**DIMENSIONS**  
7" x 7" x 48"  
TALL  
**WEIGHT**  
42 LBS  
EPA  
3.9 (ft<sup>2</sup>)

**7 YEAR WARRANTY**

**LUMEN RANGE**  
475-800

**LUMEN MAINTENANCE**  
L70  
MINIMUM  
100,000  
HOURS

**UL LISTED**

**CLICK FOR FAQ'S**

JOB NAME \_\_\_\_\_

FIXTURE TYPE \_\_\_\_\_

MEMO \_\_\_\_\_

## BUILD A PART NUMBER

ORDERING EXAMPLE: **730LED-42"** -IL4OTS-MDL07-CL2/BKT

Model	Overall Height	Light Source	CCT	Type	Driver	Lens	Option Chain Loop	Option Fuse	Option Photocell	Option Receptacle	Option House Side Shield	Finish

### Model

- 720LED • 720LED-QR
- 730LED • 730LED-QR
- 740LED • 740LED-QR

### Overall Height (In Inches)

- 24 • 30 • 36
- 42 • 48

### Light Source

- IL

### CCT - Color Temperature (K)

- 27(00) • 30(00) • 35(00) • 40(00) • 50(00)

### Type

- TS (Symmetric)

### Driver

- MDL03 (120V-277V, 350mA)
- MDH03 (347V-480V, 350mA)
- MDL07 (120V-277V, 700mA)
- MDH07 (347V-480V, 700mA)

### Lens (Click here to link to lens option specification page)

- SV1 • SV4 • CTA • AGB
- SV2 • CSA • PA

### Options (Click here to view accessories sheet)

- CL1<sup>2</sup> Single Chain Loop
- CL2<sup>2</sup> Double Chain Loops at 180°
- FHD<sup>3</sup> Double Fuse and Holder
- PCD<sup>4</sup> Electronic Button Photocontrol (120V-277V)
- PCD4<sup>4</sup> Electronic Button Photocontrol, mounted on an access door (480V)
- GFI LPIUC<sup>4,5</sup> 15 Amp duplex GFCI receptacles with a low-profile in-use cover
- GFI IUC<sup>4,5</sup> 15 Amp duplex GFCI receptacles with a standard in-use cover

- USB LPIUC<sup>4</sup> 15 Amp duplex USB/Receptacle combo with a low-profile in-use cover (NON-GFI)
- USB IUC<sup>4</sup> 15 Amp duplex USB/Receptacle combo with a standard in-use cover (NON-GFI)
- GFI IB<sup>5,6</sup> 15 Amp duplex GFCI receptacle in pole base, includes mouse hole on door for wire access.
- USB IB<sup>6</sup> 15 Amp duplex USB/Receptacle combo in pole base, includes mouse hole on door for wire access (NON-GFI)
- HSS House Side Shield

<sup>2</sup> For chain loop option, specify length of chain required for project.  
<sup>3</sup> Ships loose for installation in base.  
<sup>4</sup> Accessory requires 42" minimum height.  
<sup>5</sup> GFI option available at a minimum 30" overall bollard height.  
<sup>6</sup> Cannot be used with QR (Quick-Release) option.

### Finish

Standard Finishes<sup>7</sup> (Click here to view paint finish sheet)

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

<sup>7</sup> Smooth finishes are available upon request.

### Sternberg Select Finishes

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

### Custom Finishes<sup>8</sup>

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

<sup>8</sup> Custom colors require upcharge.

## Specifications

### General

The bollard includes a square aluminum shaft with 4 decorative windows and an overhanging roof cap. The bollard shall be UL listed in US and Canada.

### Construction

The bollard is made of 7" square aluminum extruded shaft featuring a 3/16" wall thickness. Each wall to include a 6" wide window with a cast tree design. The cast 12" square roof shall cantilever the fixture body creating a uniform soffit. The assembly comes standard with a one piece white lens made from 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. The base features a 1/2" thick cast floor and an integral part of the base. The overall height to be 48" tall.

### LEDs

The luminaire shall use high output, high brightness LEDs. The LEDs are mounted to maximize thermal transfer to the heat sink surface. The LEDs shall be 100% recyclable; not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-80 test data of no less than 6,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products lab. The high-performance white LEDs will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output at 25°C. The high-brightness, high-output white LEDs shall

*See next page*



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be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumens when operated at steady state with an average ambient temperature of 25°C (77°F).

### Quick Release Mounting (Optional)

The bollard can include an optional quick release mount in lieu of anchor bolts, which allows for tool-less removal of the bollard for convenience or emergency access. The burial portion shall be installed in ground flush with grade, it shall be made of aluminum extrusion and shall have a wiring compartment, keyway, and flexible aircraft cable connection system for securing the bollard to the ground. The removable bollard portion shall have a mated extension and anti-rotation key, along with a slot in the base for a lock to externally attach to the aircraft cable loop (LOCK BY OTHERS). The system comes with a quick release power connection for safety.

### Electronic Driver

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the bollard, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload, overheat and short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be a high efficiency driver with a THD less than 20% and a high power factor greater than .9. It shall be dimming capable using a 0-10v signal, consult factory for more information.

### Installation

Four 1/2" diameter, hot-dipped galvanized "L" type anchor bolts shall be provided with the bollard for anchorage, they shall be mounted in a 6" bolt circle. Bollard will be provided with a grounding stud mounted on base floor.

### Photocell

The photocontrol shall be mounted on the bollard. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt.

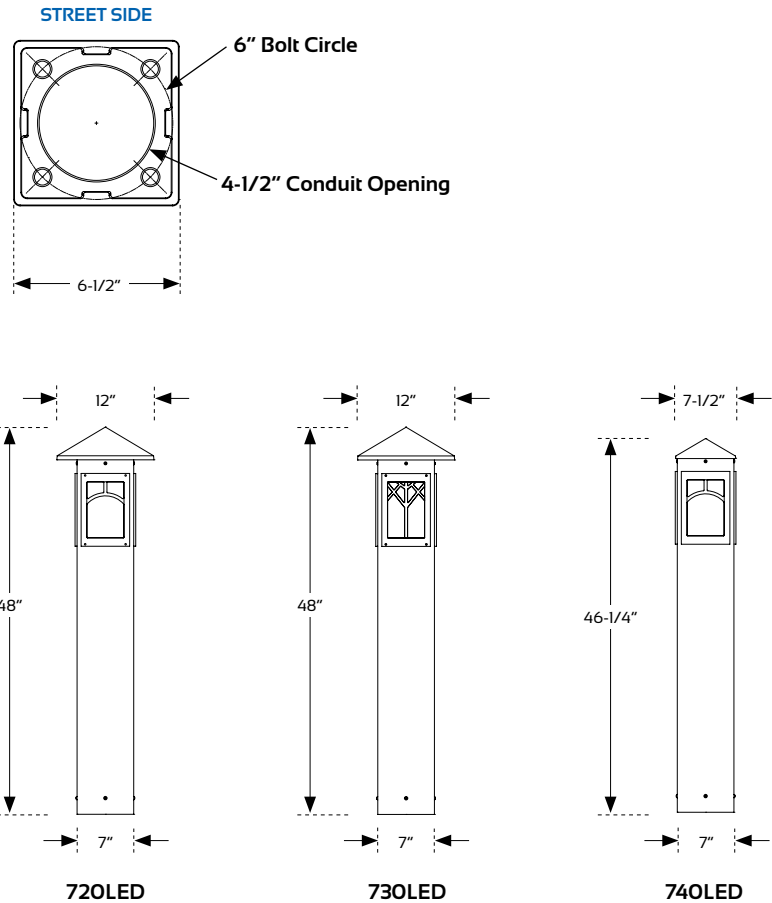
### Warranty

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

### Finish

Refer to website for details.

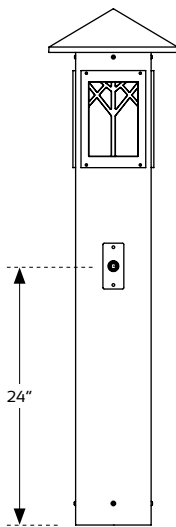
## Fixtures



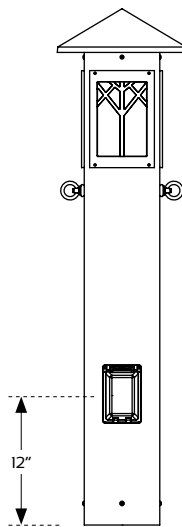
## Performance (Based on 730LED with "SV4" lens)

LIGHT SOURCE	TS DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
1L40T_-MDL07	805	B0U3G1	26.8	30
1L30T_-MDL07	785	B0U3G1	26.2	30
1L27T_-MDL07	715	B0U3G1	23.8	30
1L40T_-MDL03	460	B0U3G1	32.9	14
1L30T_-MDL03	450	B0U3G1	32.1	14
1L27T_-MDL03	405	B0U3G1	28.9	14

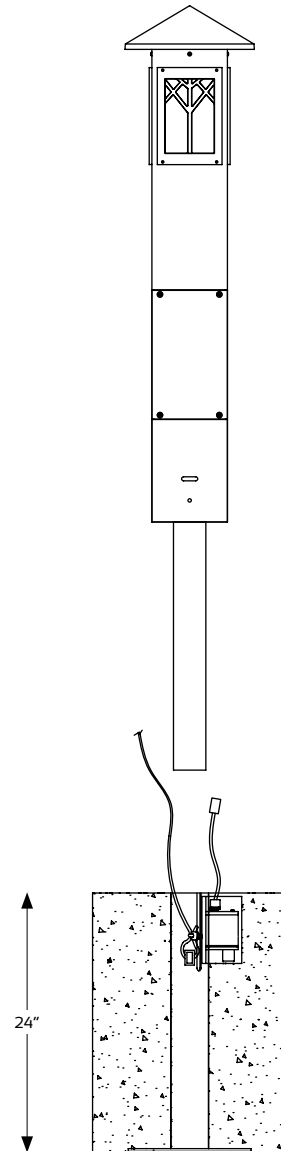
### Bollard Options



**PCD**  
Optional Photocell



**GFI LPIUC & CL2**  
Optional Duplex GFCI  
& Double Chain Loops



**QR**  
Optional Quick  
Release Mount



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