



# LU300 LUNARIA BOLLARD

LED BOLLARDS

**DIMENSIONS**  
10" Ø  
36" to 48"  
TALL

**7 YEAR WARRANTY**

**LUMEN RANGE**  
420 to  
1,970

**LIFE SPAN**  
L70  
MINIMUM  
100,000  
HOURS

**UL LISTED**

**CLICK FOR FAQ'S**

**IP RATING**

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

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

MEMO \_\_\_\_\_

## BUILD A PART NUMBER

ORDERING EXAMPLE: **LU300-48"-8L40TS-MDLO25-SV2-PEC/UGMT**

Model	Height	LED	CCT	Distribution Type	Driver	Lens	Option Fuse	Option Photocell/Receptacle	Finish

### Model

- LU300

### Overall Height (In Inches)

- 36      • 42      • 48

### LED

- 8L

### CCT - Color Temperature (K)

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

### Distribution Type

- TS (symmetric)

### Driver

- MDLO11 (120V-277V, 110mA)
- MDHO11 (347V-480V, 110mA)
- MDLO25 (120V-277V, 250mA)
- MDHO25 (347V-480V, 250mA)
- MDLO50 (120V-277V, 500mA)
- MDHO50 (347V-480V, 500mA)

### Lens

- SV2 (Soft Vue Moderate Diffused Acrylic)

### Options (Click here to view paint options sheet)

- FHD<sup>1</sup> Double Fuse and Holder
- PEC Electronic Button Photocontrol (120V-277V)
- PEC4 Electronic Button Photocontrol (480V)
- GFI LPIUC 15 Amp duplex GFCI receptacles with a low-profile in-use cover
- USB LPIUC 15 Amp duplex USB/Receptacle combo with a low-profile in-use cover (NON-GFI)

<sup>1</sup>Ships loose for installation in base.

### Finish

**Standard Finishes<sup>2</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>2</sup>Smooth finishes are available upon request.

### Sternberg Select Finishes

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

### Sternberg Urban Finishes

(Click here to view paint finish sheet)

- UGMT Gun Metal Textured
- UGM Gun Metal Matte
- UBT Urban Bronze Textured
- UB Urban Bronze Matte
- ULBT Urban Light Bronze Textured
- ULB Urban Light Bronze Matte
- USLT Urban Silver Textured
- USL Urban Silver Matte
- UWHT Urban White Textured
- UWH Urban White Matte
- UCHS Urban Champagne Satin Smooth

### Custom Finishes<sup>3</sup>

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

<sup>3</sup>Custom colors require upcharge.

## Specifications

### General

Available in heights of 36", 42", or 48". The LU300 bollard produces smooth, symmetrical

output, designed to complement the Lunaria post top and side mount luminaires. The design is perfect for pathways, stairways, area lighting, and paths of egress from buildings. Its heavy wall cast aluminum construction is designed for high traffic urban areas and campuses. The IP65 rating unit is offered in 3 different drive currents to tailor light levels to your needs, it features fully concealed LED arrays, available in 4 different standard CCTs. The sleek lines of its widening top are complemented by its smoothly flared bottom, and include options such as electronic PECs, Duplex Receptacles and USB charging ports. The bollard shall be UL listed in the US and Canada.

### Construction

The bollard shaft shall be 5" diameter extruded round tubing having a wall thickness of .188" and made of ASTM 6063 extruded aluminum and tempered to a T6 condition. The shaft will be seamlessly appointed with an LED head.

### LED's

The luminaire shall use high output, high brightness LED's. The LED's and printed circuit boards shall be 100% recyclable; they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4000K (2700K, 3000K or 5000K option) color temperature with a minimum of 70 CRI.

*See next page*



**SternbergLighting**

ESTABLISHED 1923 / EMPLOYEE OWNED

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Consult factory for custom color CCT. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

## 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 as well as 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 dimmable using a 0-10v signal. The driver shall have a minimum efficiency of 88%.

## Installation

Three 3/8" diameter, hot-dipped galvanized "L" type anchor bolts shall be provided with the bollard for anchorage, they shall be mounted in a 2-1/2" bolt circle. The separate anchor base shall be made of heavy wall, cast aluminum. It shall be vertically fastened to bollard housing via a twist-lock mechanism and four (4) stainless steel allen head screws.

## Photocell

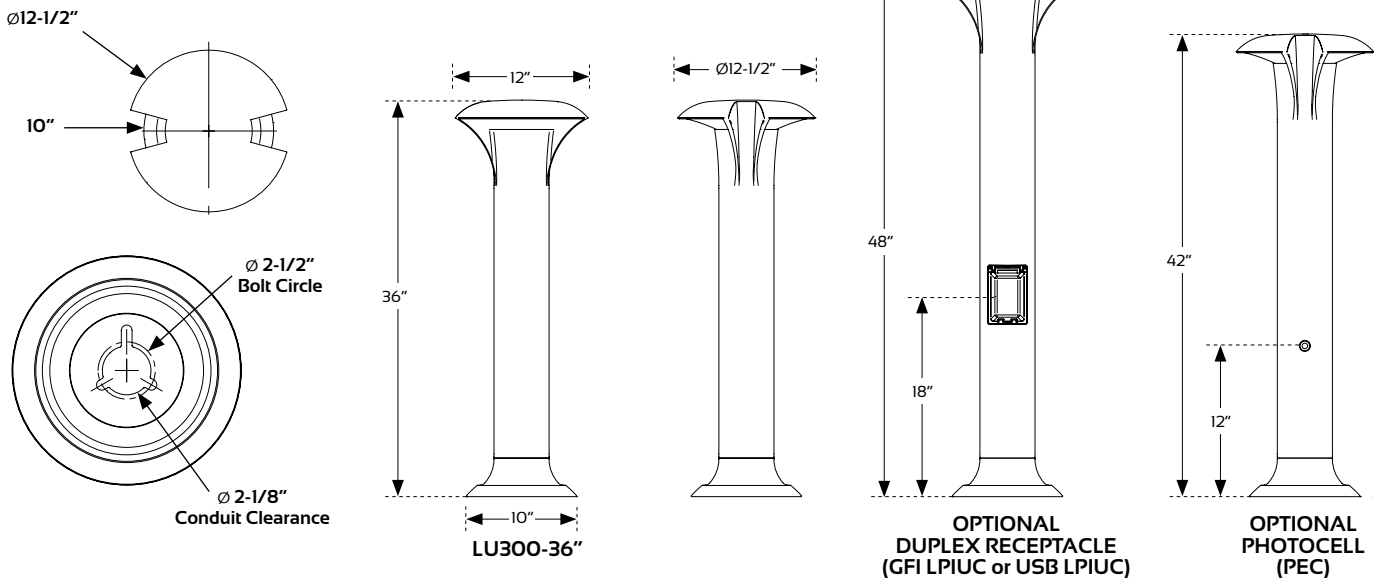
The photocell shall be mounted on the bollard shaft. The electronic button type photocell is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocell is 120-277 volt and warranted for 6 years. Not available for use with Duplex Recetacle.

## Warranty

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

## Finish

Refer to website for details.



## Performance

LIGHT SOURCE	TS LUMENS	EFFICACY (LPW)	WATTAGE
8L40TS-MDL050	1970	67.9	29
8L30TS-MDL050	1880	64.8	29
8L27TS-MDL050	1700	58.6	29
8L40TS-MDL025	1115	74.3	15
8L30TS-MDL025	1065	71.0	15
8L27TS-MDL025	960	64.0	15
8L40TS-MDL011	485	80.8	6
8L30TS-MDL011	460	76.7	6
8L27TS-MDL011	420	70.0	6