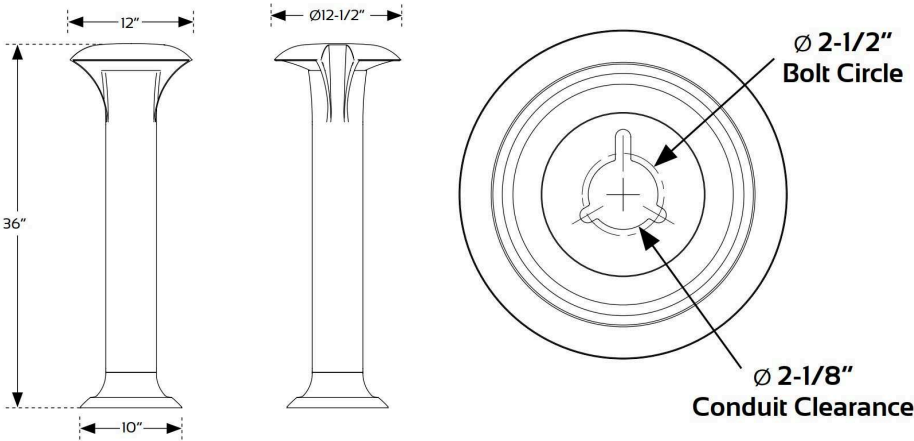


Project Name _____ Qty _____

Type _____ Catalog / Part Number _____



Certifications



Finish



Description

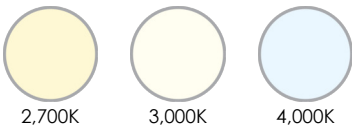
The LU300 bollard produces smooth, symmetrical output, designed to complement the Lunaria™ post top and side mount luminaires. The design is perfect for pathways, stairways, area lighting, and paths of egress from buildings. Its heavy wall cast aluminum construction is designed for high traffic urban areas and campuses. The 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.

Available in heights: 36", 42" and 48"

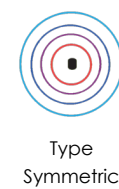
Features

Model	LU300: Lunaria Bollard
Overall Height (In Inches)	36", 42", 48"
Lens	SV2: Flat SoftVue™ Moderate Diffused Acrylic
Optional Fuse	FHD: Double Fuse and Holder
Optional Photocell	PCD: Electronic Button Photocontrol, mounted on an access door (120V-277V)
Optional Receptacle	GFI LPIUC: 120V, 15 Amp Duplex GFCI receptacles with a low-profile in-use cover USB LPIUC: 120V, 15 Amp Duplex USB/ Receptacle combo with a low-profile in-use cover (NON-GFCI)
Optional Fixed Dimming Resistor Board	FDRB: Fixed Dimming Resistor Board

CCT - Color Temp (K)



Distribution Type



Finish

- BKT: Black Textured
- WHT: White Textured
- PGT: Park Green Textured
- ABZT: Arch Med Bronze Tex
- DBT: Dark Bronze Textured
- VG: Verde Green
- SI: Swedish Iron
- OWGT: Old World Gray Tex
- UGMT: Urban Gun Metal Textured
- UGM: Urban Gun Metal Matte
- UBT: Urban Bronze Textured
- UB: Urban Bronze Matte
- USLT: Urban Silver Textured
- USL: Urban Silver Matte
- UWHT: Urban White Textured
- UWH: Urban White Matte
- CM: Custom Match
- OI: Old Iron
- RT: Rust
- WBR: Weathered Brown
- CD: Cedar
- WBK: Weathered Black
- TT: Two Tone

Light Source

LED	08L: 8 LEDs
CCT - Color Temp (K)	27: 2,700K 30: 3,000K 40: 4,000K
Distribution Type	TS: Type Symmetric
Driver	MDL011: 120V-277V, 110mA MDL025: 120V-277V, 250mA MDL050: 120V-277V, 500mA

Important

Virtual Patent Marking Notice

This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

How to Order

Model	Overall Height (In Inches)	LED	CCT - Color Temp (K)	Distribution Type	Driver	Lens	Optional Fuse	Optional Photocell	Optional Receptacle	Optional Fixed Dimming Resistor Board	Finish ⁽¹⁾
LU300 Lunaria Bollard	36IN 36"	08L 8 LEDs	27 2,700K	TS Type Symmetric	MDL011 120V-277V, 110mA	SV2 Flat SoftVue™ Moderate Diffused Acrylic	FHD Double Fuse and Holder	PCD Photocontrol on door (120V-277V)	GFI LPIUC Duplex GFCI, low- profile in- use cover	FDRB Fixed Dimming Resistor Board	BKT Black Textured
	42IN 42"		30 3,000K		MDL025 120V-277V, 250mA						WHT White Textured
	48IN 48"		40 4,000K		MDL050 120V-277V, 500mA						PGT Park Green Textured
											ABZT Arch Med Bronze Tex
											DBT Dark Bronze Textured
											VG Verde Green
											SI Swedish Iron
											OWGT Old World Gray Tex
											UGMT Urban Gun Metal Textured
											UGM Urban Gun Metal Matte
											UBT Urban Bronze Textured
											UB Urban Bronze Matte
											USLT Urban Silver Textured
											USL Urban Silver Matte
											UWHT Urban White Textured
											UWH Urban White Matte
											CM Custom Match ⁽²⁾
											OI Old Iron ⁽²⁾
											RT Rust ⁽²⁾
											WBR Weathered Brown ⁽²⁾
											CD Cedar ⁽²⁾
											WBK Weathered Black ⁽²⁾
											TT Two Tone ⁽²⁾

Notes:

1. Smooth finishes are available upon request.

2. Custom colors require upcharge.

Specifications

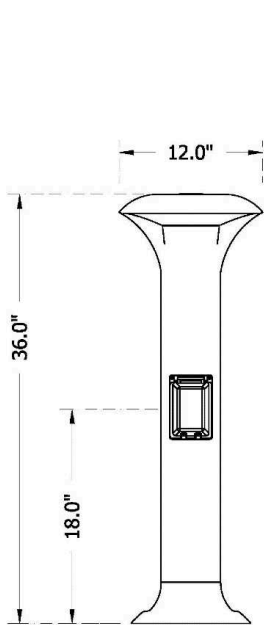
Installation	Three 3/8" diameter, hot-dipped galvanized "L" type anchor bolts shall be provided with the bollard for anchorage, they shall be mounted in a 2-1/2" bolt circle. The separate anchor base shall be made of heavy wall, cast aluminum. It shall be vertically fastened to bollard housing via a twist-lock mechanism and four (4) stainless steel allen head screws. CONCRETE FOOTING DESIGN BY OTHERS
Lens	Optional glare reducing SoftVue™ lens provides optimal visual comfort.
Electronic Driver	The LED driver is UL recognized and will be securely mounted inside the fixture, for optimized performance and longevity. It will be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections for fixture installation and maintenance. It will have DC voltage output and be a constant current design. It runs at 50/60HZ and will have overload, overheat, and short circuit protection. It will be supplied with a supplemental line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It will be a high efficiency driver with a THD less than 20% and a high-power factor greater than .9. It will be dimming capable using a 0-10V signal, consult factory for more information.
Urban Finish	The Urban finish palette was created to highlight a modern, elegant aesthetic. All finishes are a 1 part powder coat with metallic flakes for a superior appearance. Finishes are available in textured or matte. Available finishes include: Black Textured, Urban Gun Metal, Urban Bronze, Urban Silver and Urban White
IP Rating	IP65 rated luminaire for enhanced protection against dust and water intrusion.
Warranty	7-year limited warranty. See Website for Terms and Conditions.
Fixed Dimming Resistor Board (FDRB)	Optional numbered 10-step selector switch allows for fine adjustment of the light levels in the field, repeatable from location to location. Offers dimming from 25% to 100% of the original output. Enclosure is composite material, sealed to protect components for the life of the product.
UL Listing	UL listed per UL1598 and CSA C22.2 No. 250.0 for the United States and Canada. Suitable for Wet Locations operating in an ambient temperature of up to 40°C (105°F)
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. The high-brightness, high-output white LEDs shall be 4000K nominal (2700K or 3000K optional) correlated color temperature (CCT). Photometrics comply with LM79 testing standards. CCT Lumen Derate Values from 4,000K (70+ CRI) 2,700K (70+ CRI)=.91 3,000K (70+ CRI)=.96 Consult factory for custom correlated color temperature (CCT) or color rendering index (CRI).
Finish	Our 6 Stage Polyester Powder coat paint system offers a beautiful high-end finish that holds up to even the most extreme environments. Each part is inspected for quality and consistency before being released for shipment. Our system exceeds AAMA 2604, AAMA 2605, ASTM D523 and ASTM D4214 requirements.
Photocontrols	Button Photocell (On Plate): Optional photocontrol shall be mounted on a plate and installed on the pole shaft. 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.

Lumen Chart(s)

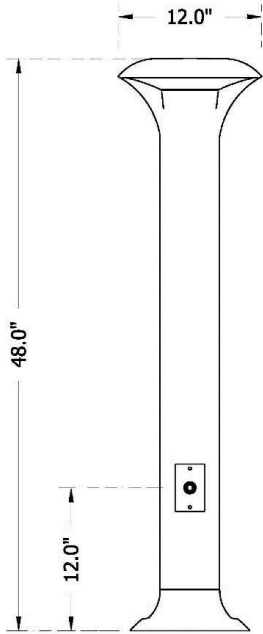
Tested with SV2 lens

Model #	DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
8L40T_-MDL050	1970	B1U2G1	67.9	29
8L30T_-MDL050	1880	B1U2G1	64.8	29
8L27T_-MDL050	1815	B1U2G1	62.6	29
8L40T_-MDL025	1115	B1U2G1	74.3	15
8L30T_-MDL025	1065	B1U2G1	71.0	15
8L27T_-MDL025	1030	B1U2G1	68.7	15
8L40T_-MDL011	485	B0U1G1	80.8	6
8L30T_-MDL011	460	B0U1G1	76.7	6
8L27T_-MDL011	445	B0U1G1	74.2	6

Options



Low-Profile In-Use Cover (GFI LPIUC/USB LPIUC)



Button Photocell On Door (PCD/PCD4)