

LUMUX

BOLLARD BL700S

DATE: _____
PROJECT: _____
FIRM: _____
CATALOG NO: _____
COMMENTS: _____



BL700S from Lumux is a bold architectural bollard that excels at defining spaces, both during the day and at night.

BL700S offers a distinctively classic design, ideal for illuminating access ways, paths, and plazas. BL700S is a powerful outdoor LED solution with optional 0-10v dimming, energy-efficient for long-lasting outdoor applications. BL700S is constructed from heavy-duty diecast aluminum, providing durability that meets the highest standards. Part of the Lumux area lighting collection that includes the companion BL700 bollard and WS-BL700 wall sconce.

up to
900 lm

20 w

up to
45 lm/W

LUMUX

BOLLARD BL700S

Perfect for path and plaza lighting, BL700S is a classic low-profile bollard for discrete applications, featuring optional 0-10v dimming.

Ordering Guide

| Catalog No. | Wattage | LED Color | Color Temp ¹ | Voltage | Finish | Options ² |
|-------------|---------|-----------|-------------------------|----------|-------------------------|--|
| BL700S | 20W | White | 2700K | 120-277v | Black | <input type="checkbox"/> 0-10v Dimming <input type="checkbox"/> PhotoCell <input type="checkbox"/> Occupancy Sensor <input type="checkbox"/> GFCI Dual Receptacle <input type="checkbox"/> Integral Battery Pack |
| | | | 3000K | | White | |
| | | | 3500K | | Silver | |
| | | | 4000K | | Bronze | |
| | | | | | Custom RAL ² | |

¹Consult factory for additional options

²Consult factory for additional pricing

Catalog No.: _____

| Performance Specifications | |
|-------------------------------|------------------------------|
| Flux up to 900 lm | LER up to 45 lm/W |
| Power up to 20W | 120-277v input voltage |
| Starting temp. rated to -20°F | Sensor options |
| 0-10v Dimming driver option | Dual GFCI option |
| Lumen Maintenance*: tbd | Integral Battery Pack option |

| Environmental Specifications | |
|-------------------------------------|------------------------------|
| BUG rating: B0-U3-G1 | |
| CRI 80 | Color temperature options |
| IP65 | ETL listed for wet-locations |
| Effective Projected Area 0.8 sq.ft. | Marine Grade option |
| 5-year limited warranty | Made in the USA |

Delivered Lumens & Wattage per color temperature:

| | 2700K | 3000K | 3500K | 4000K | WATTS |
|--------|--------|--------|--------|--------|-------|
| BL700S | 700 lm | 800 lm | 850 lm | 900 lm | 20W |

For higher lumen packages, please consult the Lumux sales team.

Housing: Heavy-duty construction of corrosion resistant, low copper diecast aluminum. All fasteners are vandal resistant stainless-steel.

Lens: Sealed one-piece, shatter-proof, UV-rated polycarbonate.

Gasket: Closed-cell silicone foam gasket seals out moisture, dust, and insects, for weather-tight operation. IP65 and ETL listed for wet locations.

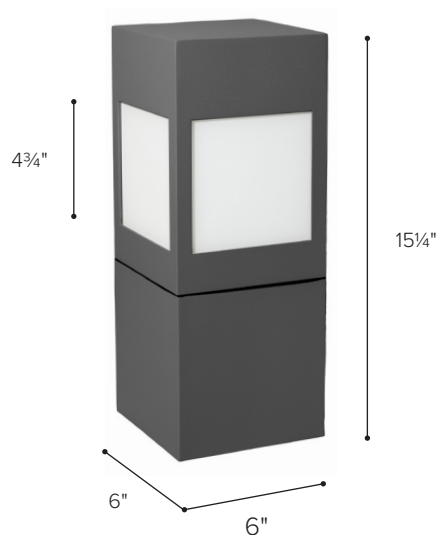
Mounting: Secure with galvanized anchor bolts to contractor installed concrete footing.

Installation: Please refer to installation instructions.

Finish: Zinc polyester powder coat finish in black, white, silver, bronze, or any custom RAL color. Consult factory for marine grade or anti-microbial finish.

Light Engine: Constant Current driver powering high quality LEDs, with optional 0-10v dimming.

Integral Battery Pack: Optional 10W IBP integral emergency battery pack provides 1,000 lumens with a 90 minute battery life.



Dimensions

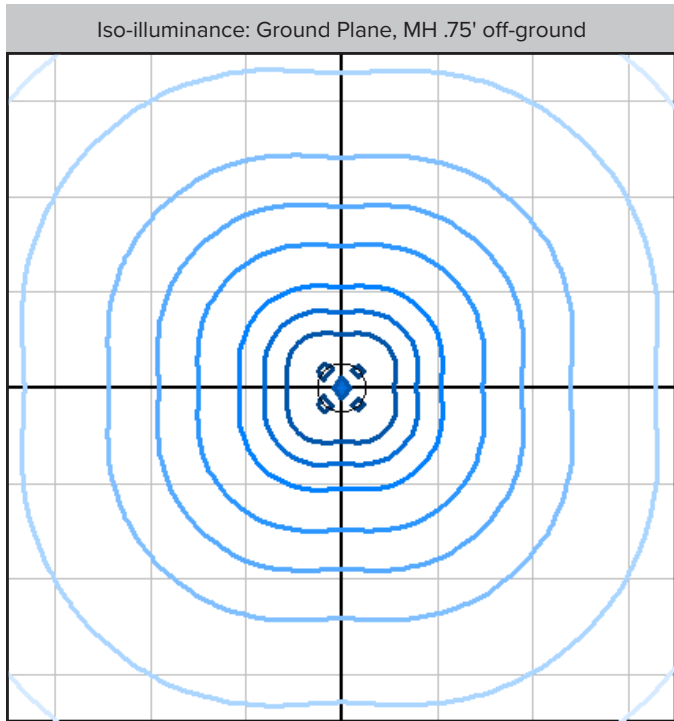
Content of specification sheet subject to change

LUMUX

BOLLARD BL700S

| Photometry | IESNA: LM-63-2002 |
|---------------------------------|---------------------------------|
| TEST: L042312101 | TEST LAB: Light Laboratory Inc. |
| LUMINAIRE: BL700S | DATE: 2023-04-24 |
| IES Classification: n/a | Longitudinal Class: n/a |
| Luminaire Lumens | 888 |
| Luminaire Efficacy Rating (LER) | 45 |
| Total Luminaire Watts | 19.8 |
| Upward Waste Light Ratio | 0.49 |
| Max. Candela | 106 (135H, 95V) |
| Max. Cd. < 90° Vertical | 105 (140H, 85V) |
| Max. Cd. (At 90 Deg. Vert.) | 105 (11.8% Luminaire) |
| Max. Cd. (80 to <90 Deg. Vert.) | 105 (11.8% Luminaire) |
| Cutoff Classification: n/a | BUG Rating: B0-U3-G1 |

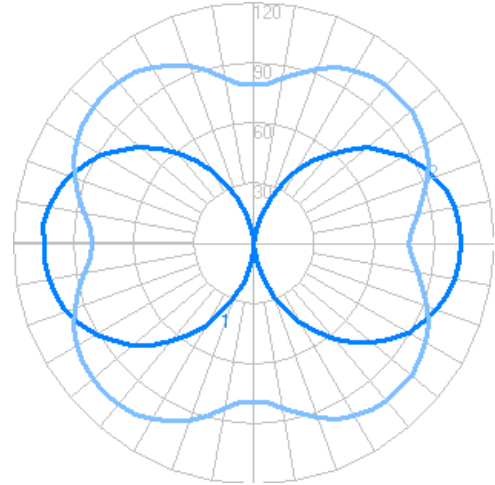
Technical aspects may change without notice.



Foot-candles: **0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50** | Grid spacing 2'

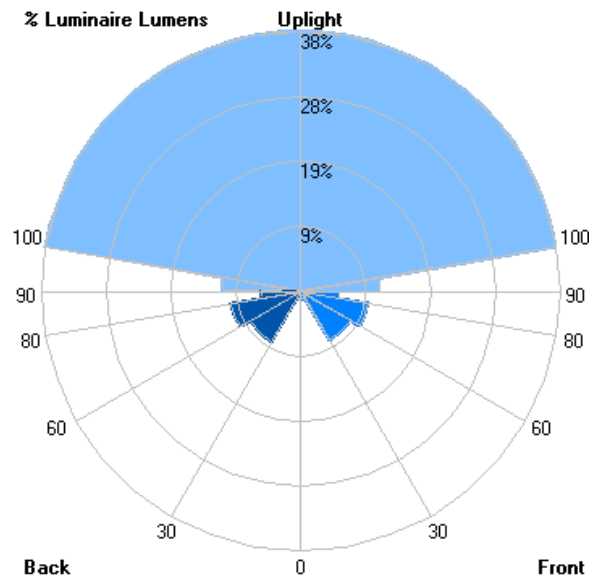
Sample isoilluminance plots. For precise values, use Lumux IES file with photometry software and correct surface reflectances.

Candela



Zonal Lumens

| LCS | Zone | Lumens | %Lum. |
|-------|-----------|--------|-------|
| FL | (0-30) | 10.4 | 1.2 |
| FM | (30-60) | 73.1 | 8.2 |
| FH | (60-80) | 88.6 | 10.0 |
| FVH | (80-90) | 50.1 | 5.6 |
| BL | (0-30) | 10.8 | 1.2 |
| BM | (30-60) | 75.3 | 8.5 |
| BH | (60-80) | 90.9 | 10.2 |
| BVH | (80-90) | 51.3 | 5.8 |
| UL | (90-100) | 101.7 | 11.5 |
| UH | (100-180) | 335.3 | 37.8 |
| Total | | 887.5 | 100 |



Content of specification sheet subject to change

LUMUX

LUMINAIRES IN THE COLLECTION

BOLLARDS



BL700



BL700S



WS-BL700