

LUMUX

BOLLARD

BL110

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



BL110 from Lumux is an elegant architectural bollard that excels at defining spaces, both during the day and at night.

BL110 offers a distinctively classic design, ideal for illuminating access ways, paths, and plazas. Offered in turtle-friendly Amber-TF, BL110 is perfect for seaside lighting. Part of the Lumux bollard collection, BL110 is a powerful LED solution with optional 0-10v dimming, energy-efficient for long-lasting outdoor applications. B110 is constructed from heavy-duty stainless steel, providing durability that meets the highest standards.

up to
350 lm

18w

up to
19 lm/W

LUMUX LIGHTING

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Content of specification sheet subject to change

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BOLLARD BL110

Perfect for path and plaza lighting, BL110 is a classic stainless steel bollard with optional 0-10v dimming and Amber-TF turtle-friendly light.

Ordering Guide

| Catalog No. | Wattage | LED Color | Color Temp ¹ | Voltage | Finish | Options ² |
|-------------|---------|-----------|-------------------------|-------------------------|-----------------|--|
| BL110 | 18W | White | 2700K | 120-277v | Stainless Steel | <input type="checkbox"/> 0-10v Dimming <input type="checkbox"/> Photozell <input type="checkbox"/> Occupancy Sensor <input type="checkbox"/> GFCI Dual Receptacle <input type="checkbox"/> Integral Battery Pack |
| | | Amber-TF | 3000K | | Black | |
| | | | 3500K | | White | |
| | | | 4000K | | Silver | |
| | | | | | Bronze | |
| | | | | Custom RAL ² | | |

¹Consult factory for additional options

²Consult factory for additional pricing

Catalog No.: _____

| Performance Specifications | |
|-------------------------------|------------------------------|
| Flux up to 350 lm | LER up to 19 lm/W |
| Power up to 18W | 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-U2-G1 | Amber-TF turtle-friendly option |
| CRI 80 | Color temperature options |
| IP65 | ETL listed for wet-locations |
| Effective Projected Area 2 sq.ft. | Marine Grade option |
| 5-year limited warranty | Made in the USA |

Delivered Lumens & Wattage per color temperature:

| | 2700K | 3000K | 3500K | 4000K | WATTS |
|-------|--------|--------|--------|--------|-------|
| BL110 | 225 lm | 250 lm | 300 lm | 350 lm | 18W |

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

Housing: Heavy-duty construction of corrosion resistant stainless steel. 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: Stainless steel construction with optional 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

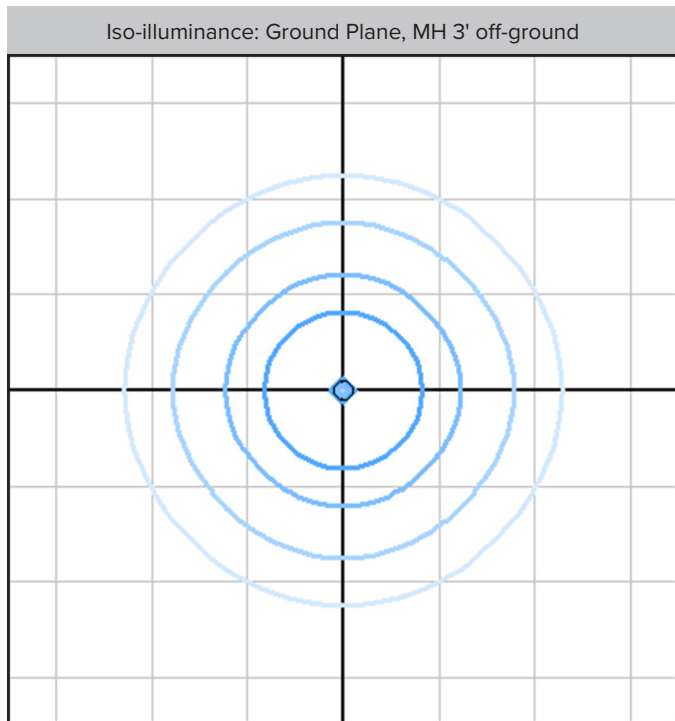
LUMUX

BOLLARD

BL110

| Photometry | IESNA: LM-63-2002 |
|---------------------------------|---------------------------------|
| TEST: L11134801 | TEST LAB: Light Laboratory Inc. |
| LUMINAIRE: BL110 | DATE: 2020-01-12 |
| IES Classification: Type VS | Longitudinal Class: Very Short |
| Luminaire Lumens | 344 |
| Luminaire Efficacy Rating (LER) | 19 |
| Total Luminaire Watts | 17.66 |
| Upward Waste Light Ratio | 0.26 |
| Max. Candela | 55.65 (OH, 70V) |
| Max. Cd. < 90° Vertical | 55.65 (OH, 70V) |
| Max. Cd. (At 90 Deg. Vert.) | 45.55 (13.2% Luminaire) |
| Max. Cd. (80 to <90 Deg. Vert.) | 53.93 (15.7% Luminaire) |
| Cutoff Classification: n/a | BUG Rating: B0-U2-G1 |

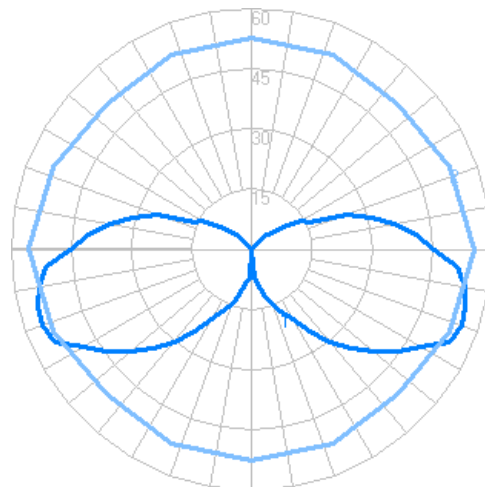
Technical aspects may change without notice.



Foot-candles: 0.1, 0.2, 0.5, 1 | Grid spacing 5'

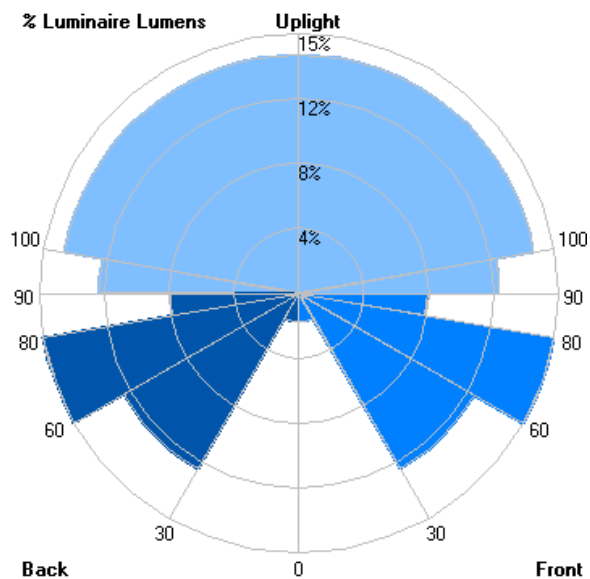
Sample isoilluminance plots. For precise values, use Lumux IES file with photometry software and correct surface reflectances.

Candela



Zonal Lumens

| LCS | Zone | Lumens | %Lum. |
|-----|-----------|--------|-------|
| FL | (0-30) | 5.9 | 1.7 |
| FM | (30-60) | 41.5 | 12.1 |
| FH | (60-80) | 53.2 | 15.5 |
| FVH | (80-90) | 26.3 | 7.6 |
| BL | (0-30) | 5.9 | 1.7 |
| BM | (30-60) | 41.5 | 12.1 |
| BH | (60-80) | 53.2 | 15.5 |
| BVH | (80-90) | 26.3 | 7.6 |
| UL | (90-100) | 41.0 | 11.9 |
| UH | (100-180) | 48.8 | 14.2 |
| | Total | 344 | 100 |



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LUMUX

LUMINAIRES IN THE COLLECTION

BOLLARDS - CYLINDRICAL



BL100



BL110



BL500



BL130



BL400



BL100MOD-D



BL100MOD-F



BL100S-D



BL100S-F



BL900



BL900S