DATE:

PROJECT:

FIRM:

CATALOG NO.: BL344 / White / / 120-277 /

COMMENTS:

LUMUX

BOLLARD

BL344

The Lumux Bollard (“BL”) series is a family of precision engineered, architectural LED bollards offered in a wide variety of form factors. Intended to illuminate a variety of outdoor spaces, whether public or private, the Lumux Bollard line offers multiple light distributions, including 360-degree shielded or unshielded, symmetric, and downward facing light.

The body is constructed from heavy-duty die-cast aluminum or grade 316 stainless-steel, seamlessly integrated with its light source in a sleek, symmetrical design with no visible hardware. The Lumux Bollard combines form and function, offering architectural grade design while utilizing the highest quality of materials and components, providing long-lasting stability and durability that meets the most rigorous standards.

MADE IN USA

INTERTEK ETL LISTED US

IP 65

Quick Ship

5 YEAR WARRANTY

Wet

MARINE GRADE

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

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

Mounting: Secures with galvanized anchor bolts.

Installation: Mounting footplate (refer to diagram).

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.

Driver: Constant current and universal input voltage 120-277v, starting temperature rated at -20˚F. Dimmable option available (0-10v).

Gasket: Closed cell silicon foam gasket that seals out moisture, dust, and insects for weather tight operation.

Protection Class: IP65, ETL Listed for wet locations.

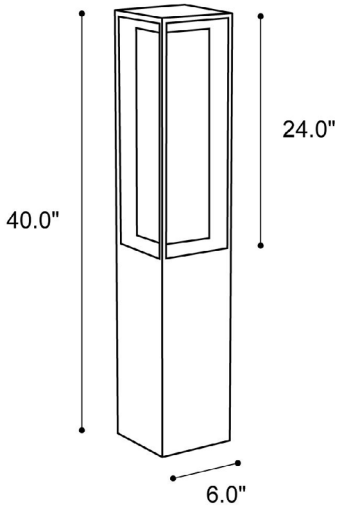
CRI: 80

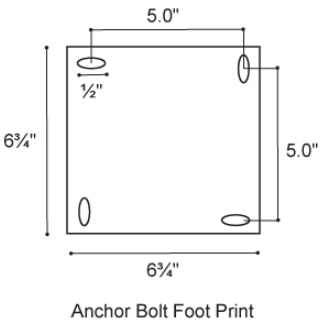
Warranty: 5 year limited warranty

Delivered Lumens & Wattage per color temperature:

2700K	3000K	3500K	4000K	WATTAGE
2100 lm	2100 lm	2100 lm	2100 lm	24W

Dimensions:





Anchor Bolt Foot Print

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7803 Industry Ave, Pico Rivera, CA 90660
sales@lumux.com | 562-801-5100

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BL344 bollards have optional 0-10v dimming, GFCI recepticle, and occupancy sensor, and color temperature options.

Ordering Guide

Catalog No.	LED Color	Color Temp[1]	Voltage	Finish	Options[2]
BL344	White		120-277		
BL344	White	2700K	120-277v	Black	☐ 0-10v Dimming
		3000K		White	☐ GFCI Dual Recpticle
		3500K		Silver	☐ Occupancy Sensor
		4000K		Bronze	
				Custom RAL[2]	

[1]Consult factory for additional options;
[2]Consult factory for additional pricing.

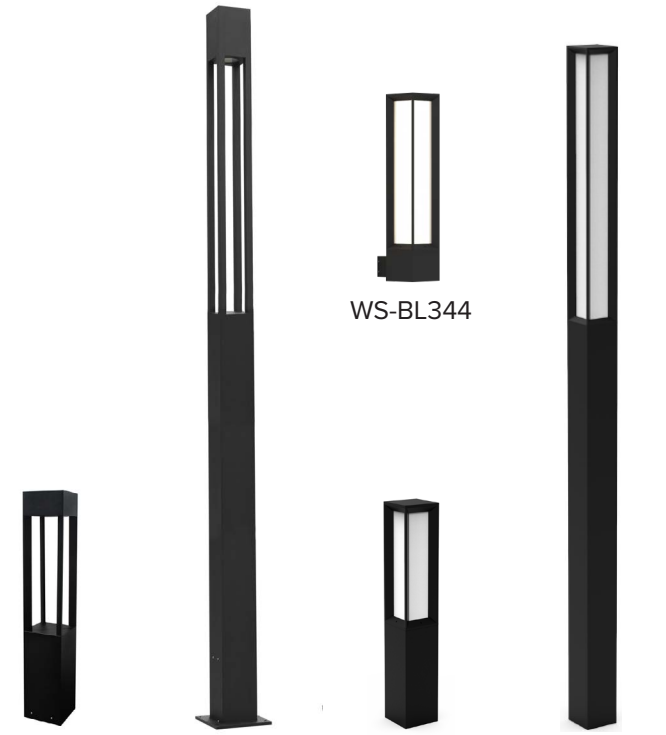
Catalog No.: BL344 / White / / 120-277 /

Performance Specifications	
Flux 2,100 lm (27 - 40K)	LER 88 lm/W
Power 24W	120-277v input voltage
Starting temp. rated to -20˚F	GFCI dual recepticle option
Dimmable driver (0-10v) option	Occupancy sensor option
Lumen Maintenance*: L70 >60K hrs; L90 >50K hrs	

Environmental Specifications	
BUG rating B1-U4-G2	
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area 2.4 ft2	Marine Grade option
5-year limited warranty	Made in the USA

*Lumen Maintenance Report (CREE CXA2530):
https://cree-led.com/media/documents/LM80_Results.pdf

Luminaires in this series



BL340 PL3014 WS-BL344 BL344 BL344-TALL

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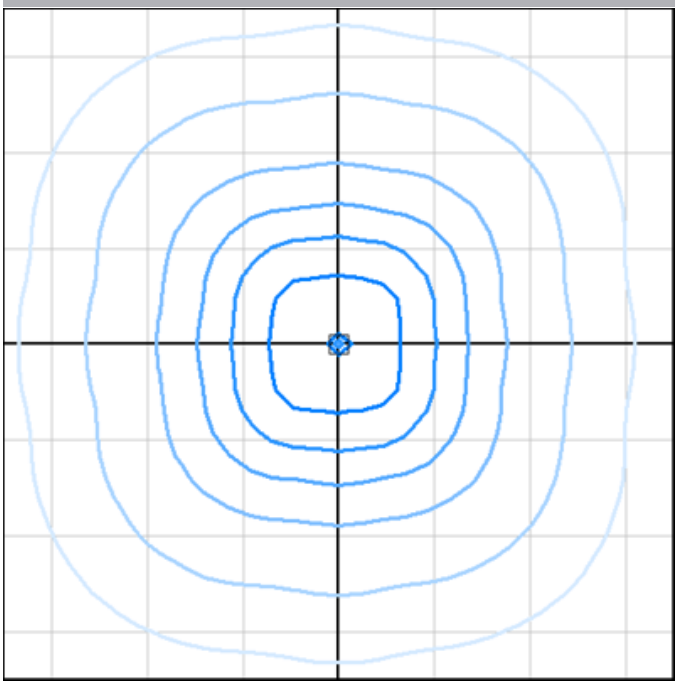
BOLLARD
BL344

Photometry	IESNA: LM-63-2002
TEST: 14446401.02	TEST LAB: UL LLC
LUMINAIRE: BL344	DATE: 2022-08-19
IES Classification: N.A.	Long. Class: N.A.
Luminaire Lumens	2,107 (4000K)
Luminaire Efficacy Rating (LER)	88
Total Luminaire Watts	23.99W
Upward Waste Light Ratio	0.51
Max. Candela	276.4
Max. Cd. < 90° Vertical	275.6 (100%)
Max. Cd. (At 90 Deg. Vert.)	276 (13.1% Luminaire lumens)
Max. Cd. (80 to <90 Deg. Vert.)	275.6 (13.1% Luminaire lumens)
Cutoff Classification	N.A.
BUG Rating	B1-U4-G2

Technical aspects may change without notice.

IES Mounting Height for photometry plans: 28" / 2.3'

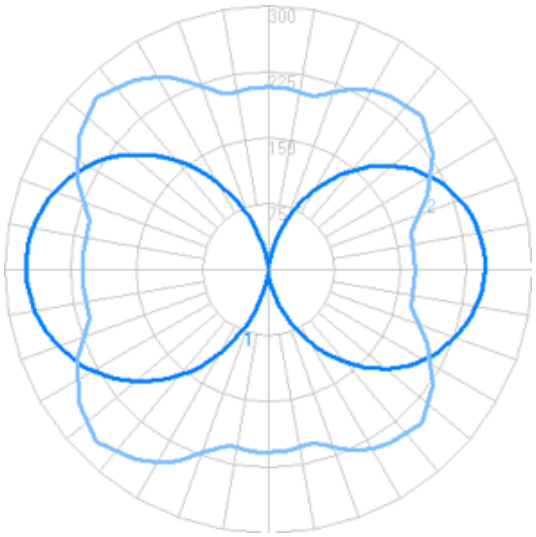
Iso-illuminance



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5 | Grid spacing 5'

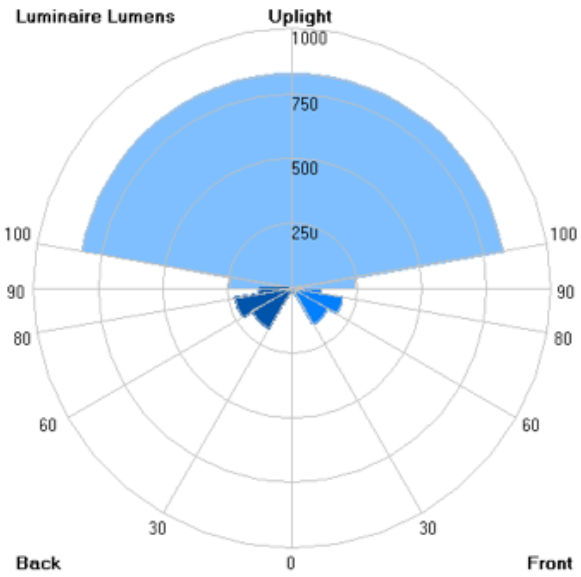
Sample isoilluminance plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

Candela



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	20.5	1.0
FM	(30-60)	158.1	7.5
FH	(60-80)	197.0	9.3
FVH	(80-90)	113.5	5.4
BL	(0-30)	23.4	1.1
BM	(30-60)	178.5	8.5
BH	(60-80)	221.5	10.5
BVH	(80-90)	127.3	6.0
UL	(90-100)	242.2	11.5
UH	(100-180)	824.7	39.1
	Total	2107	100



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