DATE:

PROJECT:

FIRM:

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

COMMENTS:

LUMUX

LIGHT COLUMN

BL344-TALL

MADE IN USA | INTERTEK ETL LISTED US | IP 65 | Quick Ship | J Wet | MARINE GRADE | 5 YEAR WARRANTY | 120-277v

BL344-TALL from Lumux is an elegant, architectural light column that excels at defining spaces, both during the day and at night.

BL344-TALL offers a distinctively contemporary design that highlights it purpose. Ideal for illuminating large areas and plazas, BL344-TALL is a powerful outdoor LED solution. BL344-TALL is constructed from heavy-duty aluminum extrusion, providing durability that meets the highest standards. This luminaire is offered up to 14' in height. BL344-TALL is part of a collection that includes BL340, BL344, PL3014 and WS-BL344.

up to **4,800** lm | **57**w | up to **85** lm/W

Content of specification sheet subject to change

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

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BL344-TALL is a tall plaza, path and driveway light column, perfect for area lighting and defining spaces.

Ordering Guide

Catalog No.	Height	LED Color	Color Temp[1]	Voltage	Finish	Options[2]
BL344-TALL		White		120-277		
BL344-TALL	10'	White	2700K	120-277v	Black	☐ 0-10v Dimming
	12'		3000K		White	☐ Occupancy Sensor
	14'		3500K		Silver	☐ Photocell
	custom length		4000K		Bronze	☐ GFCI Dual Recepticle
					Custom RAL[2]	

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

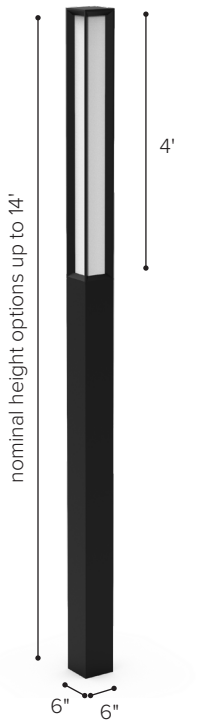
Catalog No.: BL344-TALL / / White / / 120-277 /

Performance Specifications	
Flux 4,800 lm (4000K)	LER 85 lm/W
Power 57W	120-277v input voltage
Starting temp. rated to -20˚F	0-10v dimming driver option
Occupancy Sensor, Photocell, and GFCI Dual Recepticle options	
Lumen Maint*: L70 >60K, L90 >50K hrs	Constant Current

Environmental Specifications	
BUG rating: B1-U5-G2	
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area ≤ 10 ft2	Marine Grade option
5-year limited warranty	Made in the USA

Delivered Lumens & Wattage per color temperature:

	2700K	3000K	3500K	4000K	WATTS
BL344-TALL	4,800 lm	4,800 lm	4,800 lm	4,800 lm	57W



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

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

Mounting: Secures with galvanized anchor bolts.

Installation: Please refer to installation instructions below.

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.

Dimensions

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

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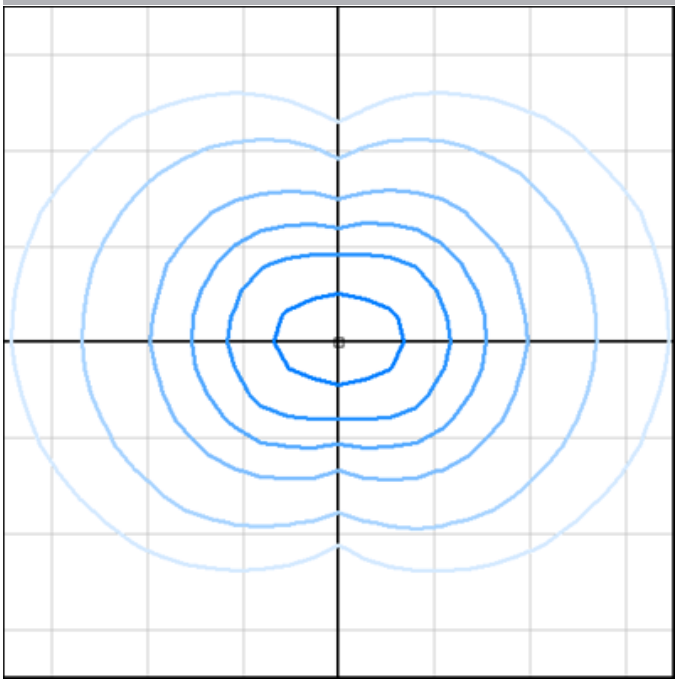
BL344-TALL

Photometry	IESNA: LM-63-2002
TEST: L9915_IESNA2002	TEST LAB: EVERFINE
LUMINAIRE: BL344-TALL	DATE: 2022-10-17
IES Classification: Type IV	Long. Class: Very Short
Luminaire Lumens*	4,848 (4000K)
Luminaire Efficacy Rating (LER)*	85
Total Luminaire Watts	57.07W
Upward Waste Light Ratio	0.50
Max. Candela*	590
Max. Cd. < 90° Vertical*	590
Max. Cd. (At 90 Deg. Vert.)*	450 (9.4% Luminaire lumens)
Max. Cd. (80 to <90 Deg. Vert.)*	450 (9.4% Luminaire lumens)
Cutoff Classification	N.A.
BUG Rating	B1-U5-G2

Technical aspects may change without notice. *c.f. spectrum test.

IES Mounting Height for photometry plans: 10'

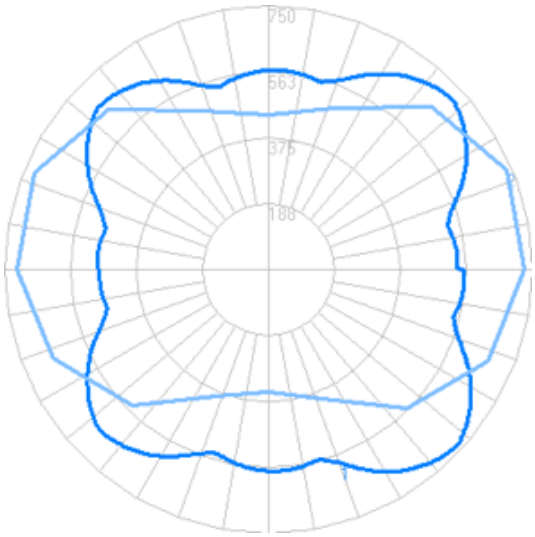
Iso-illuminance



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

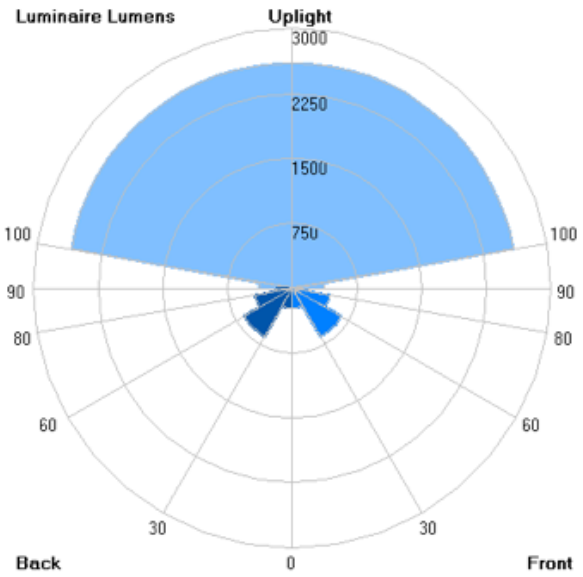
Sample isoilluminance plot. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

Candela



Zonal Lumens*

LCS	Zone	Lumens	%Lum.
FL	(0-30)	190	3.9
FM	(30-60)	520	10.9
FH	(60-80)	350	7.3
FVH	(80-90)	154	3.2
BL	(0-30)	188	3.9
BM	(30-60)	513	10.7
BH	(60-80)	346	7.2
BVH	(80-90)	150	3.1
UL	(90-100)	300	6.3
UH	(100-180)	2083	43.5
	Total	4800	100



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LUMUX

LUMINAIRES IN THIS COLLECTION

WS-BL344

BL344

BL344-TALL

BL340

BL344-TALL

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