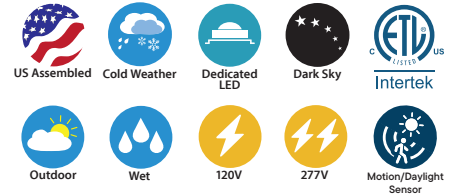
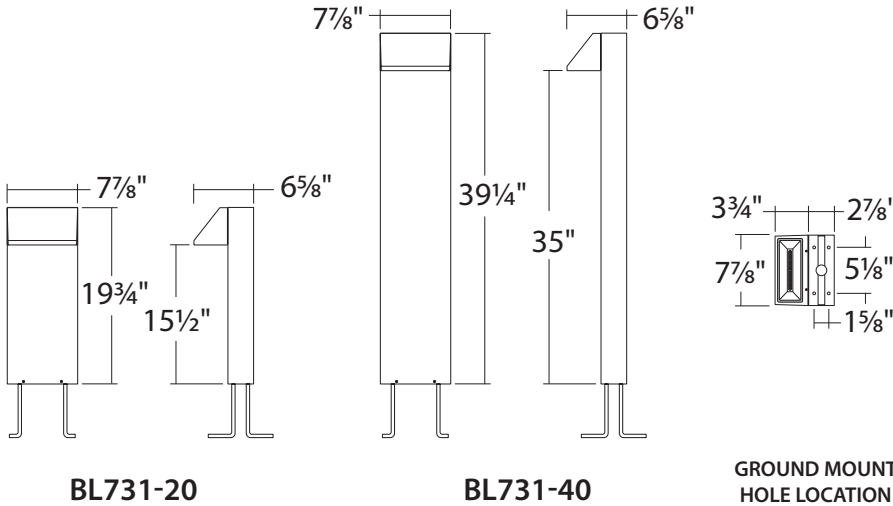


BL731 : 8"X4" TRAPEZOID BOLLARD

(IP65) - 850LM (15W)



- Sleek architectural design
- Durable, corrosion resistant finish
- 5-year limited warranty
- IK08 Rated



ORDERING : BL731-20B-FRUE-DUN-T30

BL731										
Fixture	Height	Finish	Lens	Control	LED	Options				
Height	Finish	Lens	Control	LED	Options					
20"	-20	Black	B	Clear Blank	Non-Dimming (120V)	Blank	4000K Blank	None	Blank	
40"	-40	White	W¹	Frosted -FR	UniDim™ 0-10V, ELV, Triac Dimming (120V/277V)	UE-DUN	3000K -T30	Cold Weather	-CW	
		Bronze	BZ¹		UniSense - Integral Motion/Photosensor (120V)	-SUN-INT	3500K -T35^{2,3}	Marine Grade Finish	-MGD²	
		Silver	S¹		UniSense - Integral Motion/Photosensor (120V/277V)	-SUN-INT-1227				
					Casambi Wireless Dimming (120V/277V)	-DCSM²				
					BubblyNet Wireless System (120V/277V)	-DBNT²				
					SimplySnap Wireless System (120V/277V)	-DSYN⁴				

¹ Special Order Finish. Minimum order quantity (MOQ) applies. Orders less than MOQ are subject to a special paint set-up fee for the quantity ordered. Extended lead times may apply. Consult Factory.
² Special order. Minimum order quantity, extended lead time, and setup fee may apply. Consult Factory.
³ (-T35) 3500K is not available with (UE-DUN) dimming option.
⁴ Special Order. Sent with surface mount JBOX to allow for direct-conduit entry.
 Custom RAL Color: Please note that we appreciate custom finishes. Custom finishes are subject to a special paint setup fee for the quantity ordered. Extended lead times may apply. Consult Factory.

2025.06.18

SPECIFICATION

Application

This single head bollard is designed for outdoor applications where a Dark Sky compliant illumination is required. Bollards are used to light walkways, public gathering spaces, gardens, along waterfronts and marinas and other public and private areas.

Post

High grade rectangular extruded aluminum with a high grade powder coat finish. Includes liquid tight plug for cord entry and a zinc plated steel base with a high grade powdercoat finish and an anchor bolt kit. The base is secured to the post by four (4) tamper resistant, stainless steel flat head screws and the base is mounted to the ground by four (4) anchor bolts and eight (8) nuts and washers. Note: A solid foundation for installation is recommended. Post can accommodate daisy chain and through wiring.

Head

Constructed from a two (2) piece high grade die cast aluminum with a high grade powder coat finish. Includes a clear tempered glass lens (sits flush to the head), LED array, reflector, LED driver, silicone gasket and a hole with liquid tight plugs for cord to exit the post. The two piece housing is secured together by four (4) tamper resistant stainless steel set screws and is secured to the post by two stainless steel screws.

Lumen Maintenance

Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Thermal Management

Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Control

(UE-DUN) option is a universal dimming system that works with most 3-Wire ELV, (UE-DUN) option is a 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Electrical

LED driver, 120VAC, 50/60Hz, electronic Constant Current, Class 2, Power Factor > .90pf, integrally mounted.

Minimum Operating Temperature:

Standard: -10°C/14°F

Cold Weather Option: (-CW) -30°C/-22°F

SPECIFICATION (Continued)

Certifications and Listings



ETL / cETL Listed to UL1598 and UL8750 standards.

Suitable wet locations. (IP65)

Assembled in USA.

IK08 rating for impact resistance.

Note: Dark Sky compliant.

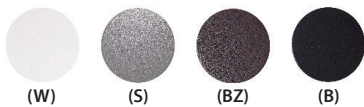
Caution

LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

Warranty

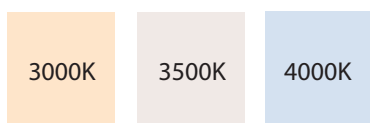
Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

Finish



A available in Black, White, Bronze, and Silver.

LED



Binned with 4-step MacAdam ellipses as recommended by ANSI Standard.

Available in 3000K, 3500K, and 4000K, 80 CRI.

COLOR TEMP:	3000K	3500K	4000K
CRI:	80	80	80

LED Details

~15W 850 + Lumens Delivered

Color Rendering Index (CRI): 80

Color Temperature: 4000K

Lamp Equivalents: 26W CFL 75W A19

SPECIFICATION (Continued)

Marine Grade

The fixture features a marine-grade textured powder coat finish engineered to withstand extreme environmental conditions, including prolonged exposure to UV radiation, salt air, and moisture, which are prevalent in coastal and high-humidity environments.

A multi-stage surface preparation, finishing, and curing process ensures maximum adhesion, durability, and corrosion resistance. The coating system undergoes rigorous salt spray (ASTM B117) testing, overbake resistance verification, and pencil hardness testing to validate its robustness against degradation.

The marine-grade powder coat is applied as a 30–50 µm bottom layer, providing a strong anti-corrosion foundation. This is further enhanced by a surface coat using a standard architectural-grade powder application with a total thickness of 80–120 µm, ensuring superior resistance to wear, impact, and environmental stressors.

Unisense™ PROGRAMMABLE MOTION + DAYLIGHT (-SUN-INT, -SUN-INT-1227)

- Microwave and PIR (Passive Infrared) sensors depending on option
- Daylight harvesting
- Dusk/dawn sensing capabilities
- Motion Sensor

