

Fixture Type: _____

Model Number: _____

Project Name: _____

NAUTICA

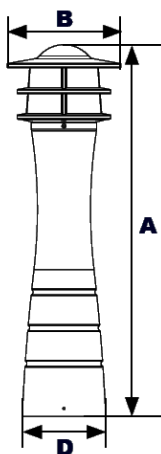
Decorative (8") LED Bollard



Shown with opal polycarbonate lens (-OPL)



Shown with clear polycarbonate lens (-CPL)



Dimensions

Diameter 1 (B)	11" (278mm)
Diameter 2 (D)	8 1/8" (206mm)
Height (A)	36" (915mm)

Overview: The coastal inspired Nautica series bollard provides pedestrian and parking area lighting with a seaside flair. With its "lighthouse" louvered design, the Nautica bollard has specially designed optics offering controlled, uniform lighting. The Nautica bollard is ideal for parking areas, walkways, and landscape accents.

Housing: Durable single-piece sand cast aluminum housing. Includes flush mounting base and vandal-resistant hardware. An internal driver tray is standard for ease of maintenance.

Finish: Textured architectural bronze (BRZ) or textured architectural black (BLK) powder coat finish over a chromate conversion coating. For custom colors, please consult factory.

Reflector: White, UV-stabilized polycarbonate cone reflector

Lens: Clear or opal, UV-stabilized polycarbonate vandal resistant lens.

Mounting: Standard with 8" zinc-plated anchor bolts.

Wattage:
 10-watt: Array = 10.0 watts / System = 10.2 watts
 19-watt: Array = 19.0 watts / System = 20.4 watts
 28-watt: Array = 28.0 watts / System = 30.6 watts

Driver: Electronic driver, 120-277V, 50/60Hz; <20% THD and PF>0.90. Standard with internal surge protection 2kV. 0-10V dimming standard for a dimming range of 100% down to 10%. Dimming source current is 150 Microamps.

Controls: Factory installed motion sensor controls are wired for switching and/or 1-10V dimming within housing; remote direct wired interface of 1-10V dimming is not implied and may not be available. Tested with OEM controls and may not function properly with controls supplied by others. *NOT designed for use with line voltage dimmers.*

Certifications: CSA: Listed for Wet Locations
 ANSI/UL 1598, 8750
 IP66 Sealed LED Compartment
 Operating Temperature: -20°C to +40°C
 5-Year Warranty

content of specification sheet is subject to change.



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Fixture Type: _____
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PHOTOMETRIC SPECIFICATIONS

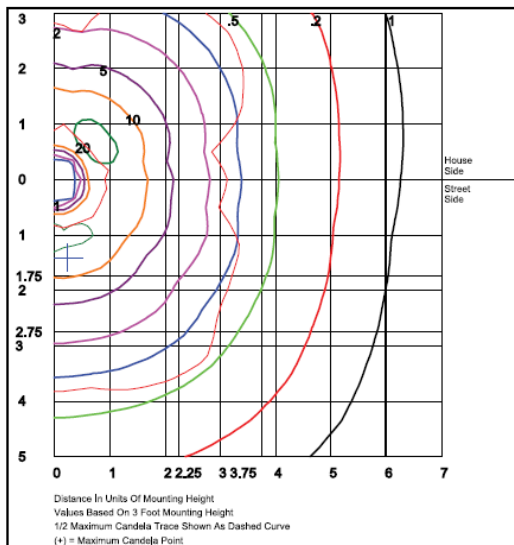
Optic	Wattage	10W	19W	28W
	Input Watts	10.2W	20.4W	30.6W
CCT		Delivered Lumens		
Clear Polycarbonate Lens	3000K	855	1,710	2,568
	4000K	883	1,765	2,648
	5000K	917	1,834	2,751
	BUG Rating	B1-U3-G1	B1-U3-G1	B2-U3-G2
Opal Polycarbonate Lens	3000K	473	945	1,418
	4000K	488	976	1,463
	5000K	507	1,014	1,520
	BUG Rating	B0-U3-G1	B1-U3-G1	B1-U3-G2

Projected Lumen Maintenance

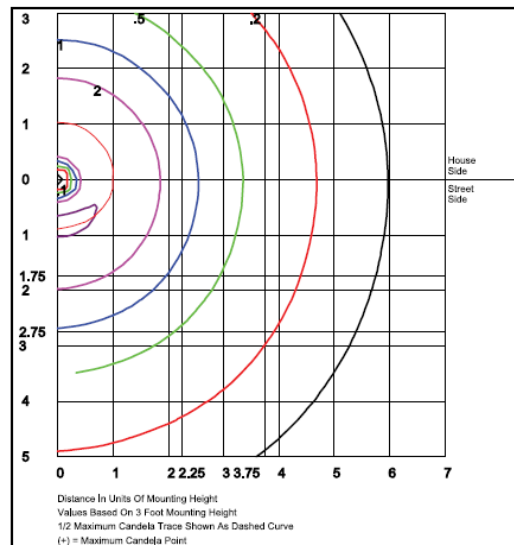
Data shown for 5000 CCT		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 31w	1.00	0.93	0.86	0.72	106,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.91	0.83	0.66	88,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.84	0.67	61,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.



NAU-8-B-28LED-5K-CPL
 Clear Lens, Type V
 Mounting Height = 3 feet



NAU-8-B-28LED-5K-OPL
 Opal Lens, Type V
 Mounting Height = 3 feet



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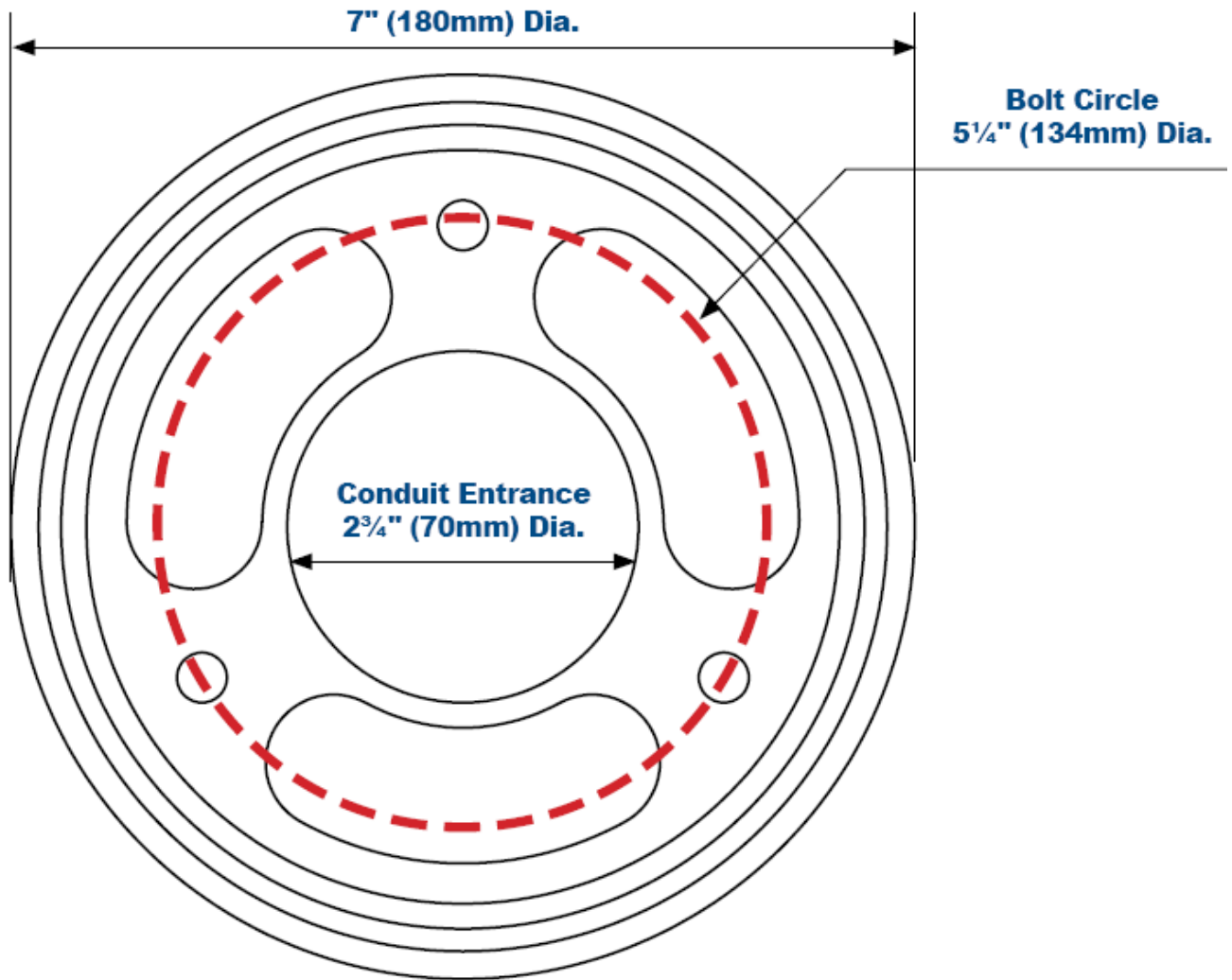
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MOUNTING / INSTALLATION DETAIL



Mounting base dimensional detail
(Not To Scale)



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SERIES	DIAMETER	MOUNTING	WATTAGE	COLOR (K)	LENS	OPTIONS	VOLTAGE	HEIGHT	FINISH
NAU	8	B						36	

MODEL NUMBER DETAIL

SERIES	<input type="checkbox"/>	NAU	Nautica Architectural LED Bollard
DIAMETER	<input type="checkbox"/>	8	8" Diameter
MOUNTING	<input type="checkbox"/>	B	Bollard
WATTAGE	<input type="checkbox"/>	10LED	10-watt LED Module
	<input type="checkbox"/>	19LED	19-watt LED Module
	<input type="checkbox"/>	28LED	28-watt LED Module
LED COLOR (K)	<input type="checkbox"/>	3K	3000K
	<input type="checkbox"/>	4K	4000K
	<input type="checkbox"/>	5K	5000K
LENS	<input type="checkbox"/>	CPL	Clear Polycarbonate Vandal Resistant Lens
	<input type="checkbox"/>	OPL	Opal Polycarbonate Vandal Resistant Lens
OPTIONS	<input type="checkbox"/>	SF	Single Fuse
	<input type="checkbox"/>	DF	Double Fuse
	<input type="checkbox"/>	EM	Battery Backup, 90 minutes <i>(120v-277v models only)</i>
	<input type="checkbox"/>	CWEM	Cold Weather (-20°C) Battery Backup, 90 minutes <i>(120v-277v models only)</i>
	<input type="checkbox"/>	SP	Surge Protection
VOLTAGE	<input type="checkbox"/>	UNV	Universal Voltage (120v-277v) (50/60Hz); electronic dimmable driver
	<input type="checkbox"/>	347V	347-Volt (50/60Hz); electronic dimmable driver <i>(19-watt models only)</i>
HEIGHT	<input type="checkbox"/>	36	36" Overall Height
FINISH	<input type="checkbox"/>	BLK	Black
	<input type="checkbox"/>	BRZ	Bronze
	<input type="checkbox"/>	CC	Custom Color - Consult Factory



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