

Fixture Type: _____

Model Number: _____

Project Name: _____

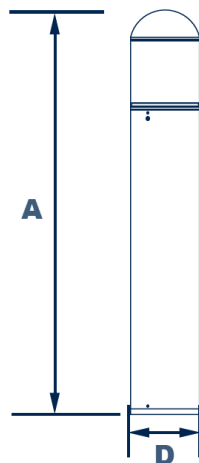


FERROS

Stainless Steel Round Amber LED Bollard



LED Cone Reflector



Dimensions

Diameter (D)	7" (178mm)
Height (A)	42¼" (1,073mm)

General: The Ferros AmberLED stainless steel bollard comes standard with a 270° beachside shield, and are certified by the Florida Fish & Wildlife Conservation Commission (FWC) for wildlife applications directly visible from the shore requiring monochromatic AMBER light. Transfer bollard operates between 585nm-595nm, greater than required by FWC. Applications include retail centers, hotels, parks, universities, office and commercial buildings, and medical facilities.

Housing: Formed 316L stainless steel housing with flush with dome top and flush mounting base. Vandal-resistant hardware; includes 270° beachside shield required for FWC certification.

Finish: Formed 316L stainless steel

Lens: Clear polycarbonate vandal-resistant lens

Optics: Aluminum Cone Reflector or Internal Aluminum Louvers

Mounting: Mounting kit with 8" anchor bolts (included)

Wattage: Array: 14.5 watts System: 17.0 watts

Driver: Electronic Driver, 120-277V, 50/60Hz; Dimmable

Certifications: CSA listed for wet locations
ANSI/UL 1598, 8750
Operating temperature: -40°C to +40°C
IP65 Sealed LED Compartment
Florida Fish & Wildlife # 2018-001



certification # 2018-001



IP 65



content of specification sheet is subject to change.

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Menomonee Falls, WI 53051

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intrigueled.com

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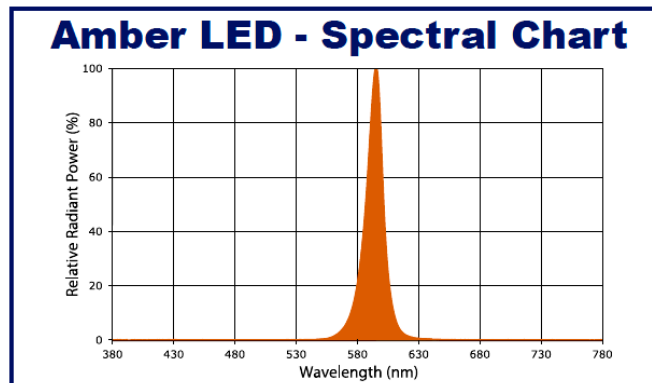
PHOTOMETRIC PERFORMANCE

Projected Lumen Maintenance

Data shown for Amber LEDs		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	17	1.00	0.95	0.90	0.80	147,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	17	1.00	0.89	0.78	0.55	67,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	17	1.00	0.92	0.85	0.70	66,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA 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.



IP 65



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SERIES DIAMETER MOUNTING WATTAGE LED COLOR TOP STYLE LENS REFLECTOR OPTIONS VOLTAGE HEIGHT FINISH

FR - 7 - B - 15LED - AML - D - CPL - - - UNV - - STS

MODEL NUMBER DETAIL

SERIES	<input type="checkbox"/> FR	Ferros Amber LED Stainless Steel Bollard with 270° Beachside Shield
DIAMETER	<input type="checkbox"/> 7	7" Diameter
MOUNTING	<input type="checkbox"/> B	Bollard Mount
WATTAGE	<input type="checkbox"/> 15LED	15-watt Amber LED Module
COLOR (K)	<input type="checkbox"/> AML	Amber (585nm-595nm)
TOP STYLE	<input type="checkbox"/> D	Dome Top
LENS	<input type="checkbox"/> CPL	Clear Polycarbonate Array Lens (vandal resistant)
REFLECTOR	<input type="checkbox"/> CNW <input type="checkbox"/> LVW	Cone Reflector (wide beam spread) Louvered Reflector (wide beam spread)
OPTIONS	<input type="checkbox"/> SF <input type="checkbox"/> DF <input type="checkbox"/> GFI <input type="checkbox"/> SP <input type="checkbox"/> EM	Single Fuse Double Fuse GFCI Outlet (15A, 120v) Surge Protection Emergency Battery Backup (90 minutes)
VOLTAGE	<input type="checkbox"/> UNV	Universal Voltage (120v-277v) (50/60Hz); electronic dimmable driver
HEIGHT	<input type="checkbox"/> 30 <input type="checkbox"/> 36 <input type="checkbox"/> 42	30" Overall Height 36" Overall Height 42" Overall Height
FINISH	<input type="checkbox"/> STS	Stainless Steel



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Jun-18