

PROlite LED Lighting™

A Division of Emergensee® Lighting, Inc.

TYPE: _____ DATE: _____

JOB NAME: _____

CONTRACTOR: _____

CATALOG NO: _____

NOTES: _____

PB5WQF1X11

AmberLED Full Cutoff Bollard



HOUSING

- Extruded Aluminum Housing with Flush Mounting Base & Vandal-Resistant Screws, Flat Top. Includes 270° Shield Required to Maintain FWC Certification. Bollards Can Be Cut to Custom Lengths Upon Request.

FINISH

- Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request

LENS / SHIELD

- Clear Polycarbonate Vandal-Resistant Array Lens
- 270° Shield

MOUNTING OPTIONS

- Mounting Kit with 8" Anchor Bolts, Included

LED

- Aluminum Boards
- L₇₀ @ 25°C: 147,000 HOURS

WATTAGE

- 11w Array: 11.3w, System: 13w (50w HID Equivalent)

DRIVER

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

OPTIONS

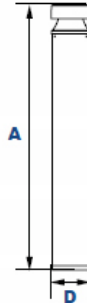
- Custom Colors Available Upon Request

The Pro-Lite AmberLED Full Cutoff Bollards are available with 270° glare shield, and are certified by the Florida Fish & Wildlife Conservation Commission (FWC) for wildlife applications that are directly visible from the shore requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required by FWC. Typical applications include retail centers, hotels, residential, parks, schools and universities, office buildings and medical facilities.

DIMENSIONS

Dimensions

| | |
|--------------|----------------|
| Diameter (D) | 4 1/4" (120mm) |
| Height (A) | 34" (865mm) |



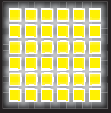
LISTINGS AND RATINGS

- CSA: Listed for Wet Locations
- ANSI/UL 1598, 8750
- IP66 Sealed LED Compartment
- Turtle-Friendly
- 5-Year Warranty for -40°C to +50°C Environment



ORDERING INFORMATION: EXAMPLE= PB5WQF1X11UAMZ30

| MODEL | DRIVER | CCT | COLOR | HEIGHT |
|------------|------------|----------|--|---|
| PB5WQF1X11 | U=120-277V | AM=Amber | Z=Bronze B=Black C=Custom (Consult Factory) | (Leave Blank)= 34" Standard Height 30 = 30" Height |



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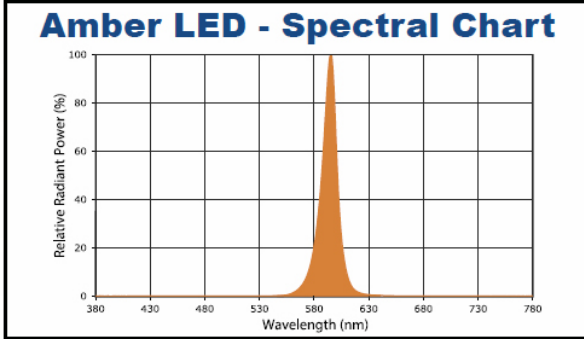
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PHOTOMETRIC DATA



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 | 13 | 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 | 13 | 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 | 13 | 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.