

Fixture Type: \_\_\_\_\_  
 Model Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_

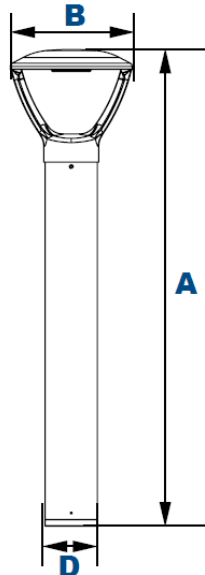


# ERADYN

## Decorative 5" Round LED Bollard



Shown with GFCI



### Dimensions

<b>Width (B)</b>	11" (280mm)
<b>Diameter (D)</b>	4 3/4" (120mm)
<b>Height (A)</b>	42" (1,067mm)

**Overview:** The Eradyn decorative 5" round LED bollard is designed to replace HID lighting systems up to 70-watt HID. These fixtures are ideal for retail centers, industrial buildings, universities, schools municipalities, office complexes, medical facilities, and airport/public transit areas.

**Housing:** Extruded aluminum housing with flush mounting base and vandal-resistant hardware. Sand cast twin arm head and sealed driver compartment.

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

**Lens:** Opal polycarbonate vandal-resistant inner lens to seal LED array.

**Mounting:** Mounting kit with 8" anchor bolts included.

**Wattage:**

12-watt	Array: 11.8 watts	System: 12.9 watts
17-watt	Array: 16.5 watts	System: 18.1 watts
25-watt	Array: 24.8 watts	System: 27.1 watts

**Driver:** Electronic dimmable driver, 120V-277V (50/60Hz) or 347V (50/60Hz); less than 20% THD; power factor >0.90. Standard 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 internally wired for switching and/or dimming (1-10V) within the housing; remote direct wired interface of 1-10V dimming is not implied and may not be available. Tested with manufacturer controls and may not function properly with controls supplied by others. Fixtures are NOT designed for use with line voltage dimmers.

**Certifications:**

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



IP 66



*content of specification sheet is subject to change.*

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 Menomonee Falls, WI 53051

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## PHOTOMETRIC SPECIFICATIONS

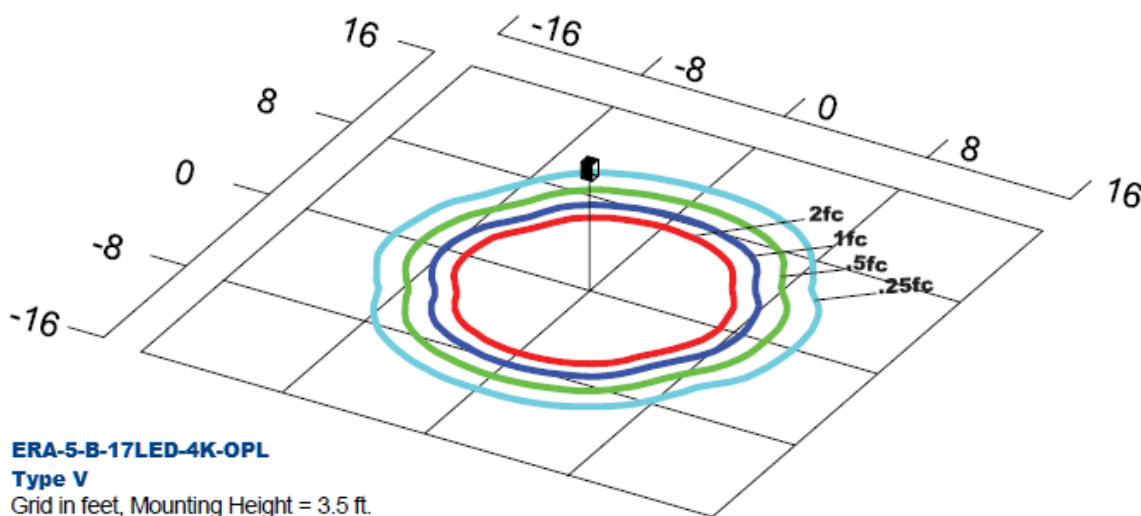
LED Board Watts	Drive Current (mA)	Input Watts	Optics	4000 CCT 70 CRI				
				Lumens	LPW	B	U	G
LED 17w	125	20	Type V	2,081	106	1	1	0

### Projected Lumen Maintenance

Data shown for 5000 CCT TM-21-11	Input Watts	Initial	Compare to MH			Calculated L70@ 25°C
			25,000 Hrs	50,000 Hrs	100,000 Hrs	
L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000
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	20	1.00	0.93	0.87	0.73	113,000
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	20	1.00	0.97	0.93	0.86	144,000

#### NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 125mA 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.



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SERIES      DIAMETER      MOUNTING      WATTAGE      LED COLOR      LENS      OPTIONS      VOLTAGE      HEIGHT      FINISH  
 ERA - 5 - B - 17LED - \_\_\_\_\_ - OPL - \_\_\_\_\_ - UNV - \_\_\_\_\_

## MODEL NUMBER DETAIL

- |                      |                                |   |
|----------------------|--------------------------------|---|
| <b>SERIES</b>        | <input type="checkbox"/> ERA   | Eradyn Decorative Round LED Bollard                                 |
| <b>DIAMETER</b>      | <input type="checkbox"/> 5     | 5" Diameter   |
| <b>MOUNTING</b>      | <input type="checkbox"/> B     | Bollard   |
| <b>WATTAGE</b>       | <input type="checkbox"/> 12LED | 12-watt LED Module  |
|                      | <input type="checkbox"/> 17LED | 17-watt LED Module  |
|                      | <input type="checkbox"/> 25LED | 25-watt LED Module  |
| <b>LED COLOR (K)</b> | <input type="checkbox"/> 3K    | 3000K   |
|                      | <input type="checkbox"/> 4K    | 4000K   |
|                      | <input type="checkbox"/> 5K    | 5000K   |
| <b>LENS</b>          | <input type="checkbox"/> OPL   | Opal Polycarbonate Array Lens                                       |
| <b>OPTIONS</b>       | <input type="checkbox"/> GFI   | GFCI Outlet, 15A, 120V  |
|                      | <input type="checkbox"/> MS    | Microwave Motion Sensor with Dimming (120v-277v only)               |
| <b>VOLTAGE</b>       | <input type="checkbox"/> UNV   | Universal Voltage (120v-277v) (50/60Hz); electronic dimmable driver |
|                      | <input type="checkbox"/> 347V  | 347 Volt (50/60Hz); electronic dimmable driver                      |
| <b>HEIGHT</b>        | <input type="checkbox"/> 30"   | 30" Overall Height  |
|                      | <input type="checkbox"/> 36"   | 36" Overall Height  |
|                      | <input type="checkbox"/> 42"   | 42" Overall Height  |
| <b>FINISH</b>        | <input type="checkbox"/> BLK   | Black   |
|                      | <input type="checkbox"/> BRZ   | Bronze  |
|                      | <input type="checkbox"/> CC    | Custom Color - Consult Factory                                      |



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