

Fixture Type: \_\_\_\_\_

Model Number: \_\_\_\_\_

Project Name: \_\_\_\_\_



# RONDE

## Round (7") LED Bollard



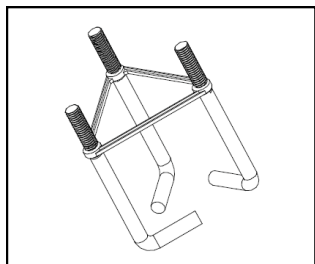
Round Dome Top



shown with motion sensor



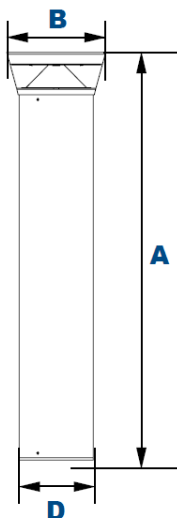
shown with GFCI



(3) anchor bolt mounting kit  
(included with unit)

### Dimensions

<b>Width (B)</b>	9 1/4" (234mm)
<b>Diameter (D)</b>	7" (180mm)
<b>Height (A)</b>	<b>Flat Top:</b> 35 3/4" (908mm) <b>Dome Top:</b> 38 1/8" (968mm)



**General:** The Ronde decorative round aluminum LED bollard is designed to replace an HID system up to 70 watts (MH or HPS). The Ronde bollard is ideal for pedestrian areas around retail centers, industrial and office parks, schools, airports, public transit, and healthcare facilities.

**Housing:** Extruded aluminum 7" round housing with flush mounting base and vandal-resistant screws. Flat or dome top, powdercoat finish over a chromate conversion coating, internal driver tray for easy maintenance.

**Reflector:** Reflective white UV-stabilized polycarbonate internal cone reflector.

**Outer Lens:** Supplied with clear or opal UV-stabilized polycarbonate vandal-resistant lens.

**Mounting:** Mounting kit with three (3) 8" anchor bolts; included with fixture.

**LED Board:** 23 watt LED array module; 27 system watts.

**Driver:** Electronic driver; 120-277V, 347V, 50/60Hz; less than 20% THD with PF>0.90. Internal surge protection of 2kV standard. 0-10V dimming standard for dimming range of 100% down to 10%. Dimming current source: 150 microamps.

**Controls:** Factory-installed motion sensor controls internally wired for switching and/or 1-10V dimming within the housing. Fixtures not designed for use with line voltage dimmers.

**Height:** Overall bollard heights of 30" or 34-3/4".

**Finish:** Textured architectural powdercoat finish over chromate conversion coating; available in Black (-BLK) or Bronze(-BRZ); consult factory for custom color options.

**Listings:** CSA listed for wet locations  
ANSI/UL 1598, 8750  
IP66 | sealed LED compartment

*content of specification sheet is subject to change.*



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## PHOTOMETRIC SPECIFICATIONS

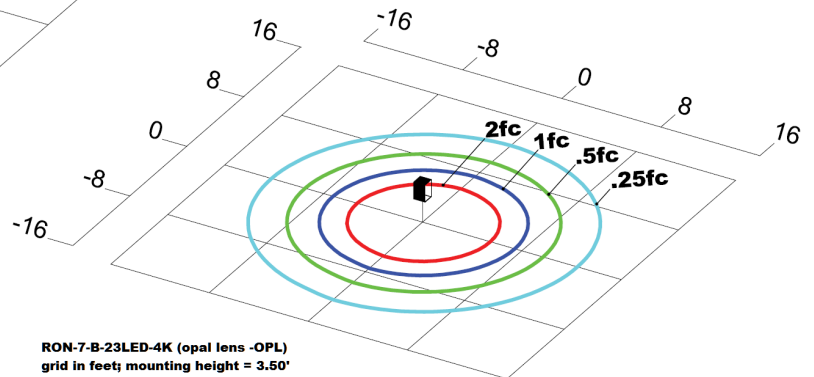
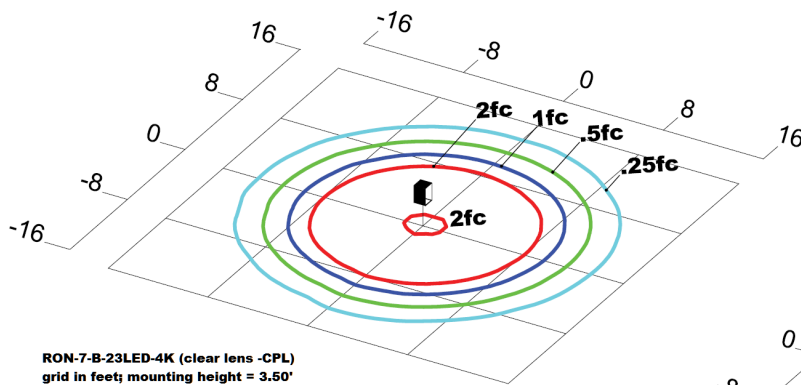
LED Board Watts	Drive Current (mA)	Input Watts	Bollards	4000 CCT 80 CRI				
				Lumens	LPW	B	U	G
23 watt	116	27	Clear Lens	2,093	78	1	3	1
			Opal Lens	1,338	50	1	3	1

### Projected Lumen Maintenance

Data shown for 4000 CCT			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	27	1.00	0.93	0.86	0.72	106,000	
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	27	1.00	0.91	0.83	0.66	88,000	
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	27	1.00	0.92	0.84	0.67	61,000	

#### NOTES:

- 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.
- 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    TOP STYLE    LENS    OPTIONS    VOLTAGE    HEIGHT    FINISH

**RON - 7 - B - 23LED - - - - -**

## PHOTOMETRIC SPECIFICATIONS

- |                  |   |  |
|------------------|---|--|
| <b>SERIES</b>    | <input type="checkbox"/> <b>RON</b>   | Ronde Series Round Bollard   |
| <b>DIAMETER</b>  | <input type="checkbox"/> <b>7</b>   | 7" Diameter  |
| <b>MOUNTING</b>  | <input type="checkbox"/> <b>B</b>   | Bollard Mount w/(3) anchor bolts   |
| <b>WATTAGE</b>   | <input type="checkbox"/> <b>23LED</b>   | 23.0 watt LED module   |
| <b>COLOR (K)</b> | <input type="checkbox"/> <b>3K</b><br><input type="checkbox"/> <b>4K</b>  | 3000K<br>4000K   |
| <b>TOP STYLE</b> | <input type="checkbox"/> <b>D</b><br><input type="checkbox"/> <b>F</b>  | Dome Top<br>Flat Top   |
| <b>LENS</b>      | <input type="checkbox"/> <b>CPL</b><br><input type="checkbox"/> <b>OPL</b>  | Clear UV-stabilized polycarbonate vandal resistant lens<br>Opal UV-stabilized polycarbonate vandal resistant lens  |
| <b>OPTIONS</b>   | <input type="checkbox"/> <b>SF</b><br><input type="checkbox"/> <b>DF</b><br><input type="checkbox"/> <b>SP</b><br><input type="checkbox"/> <b>GF1</b><br><input type="checkbox"/> <b>S3</b> | Single Fuse (120v-277v only)<br>Double Fuse (120v-277v only)<br>Surge Protection<br>GFCI Outlet, 15A, 120V<br>Internal Microwave Sensor (120v-277v only) |
| <b>VOLTAGE</b>   | <input type="checkbox"/> <b>UNV</b><br><input type="checkbox"/> <b>347V</b>   | Universal Voltage (120v-277v) (50/60Hz); electronic dimmable driver<br>347 Volt (50/60Hz); electronic dimmable driver                                    |
| <b>HEIGHT</b>    | <input type="checkbox"/> <b>30</b><br><input type="checkbox"/> <b>34</b>  | 30-0" Overall Height<br>34-3/4" Overall Height   |
| <b>FINISH</b>    | <input type="checkbox"/> <b>BLK</b><br><input type="checkbox"/> <b>BRZ</b><br><input type="checkbox"/> <b>CC</b>  | Black<br>Bronze<br>Custom Color; consult factory   |



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