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## ARTL-BLD-RND-TD-5L-CN

# 15W Round Dome Top LED Bollard Light - 120/277V AC - Cone Reflector - Wet Location Approved

**Product ID: 148830**

**Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



**Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.**

**ARTL-BLD-RND-TD-5L-CN Round Dome LED Bollard**
**Lamp Type:** LED
**Dimensions:** 41 5/8"-H x 7"-Diameter
**Weight:** -
**Voltage:** 120-277V AC @ 50/60 Hz
**Total Watts: 15W**
**Lumens:** 2,089 (Nominal) 1,384 (Delivered) @ 5000K
**Luminous Efficacy:** 92.26 Lm/W @ 5000k
**Life Expectancy:** 50,000+ hours
**Light Color:** Cool White
**Color Temperature:** 3000K, 4000K and 5000K
**Beam Angle:** Cone
**Color Rendering Index:** 83 CRI
**Operating Temp Range:** -40ºC to +40ºC
**Housing Material:** Extruded Aluminum
**Finish:** Powder Coated Over Chromate Conversion Coating
**Housing Color:** Bronze, Black or White
**Lens Material:** Clear Polycarbonate
**Mount:** Flush Surface Mounting With 8" Anchor Bolts

**Ratings/Approvals**
Listed for United States & Canada
Approved for Wet Locations
Electronic Driver
Round Curved Dome Bollard

**Special Orders - Special Requirements**
Contact us for special requirements

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**The ATRL-BLD-RND-TD-5L-CN is a round curved dome top LED bollard, suitable to illuminate outdoor walkways, steps, pathways and parking lots, as well as provide physical protection from and visible barriers for**

**vehicles. This IP65 rated round bollard has a standard 5,000K color temperature with a clear polycarbonate lens that delivers 1,384 lumens with a medium beam spread cone reflector. This aluminum vandal-resistant housed bollard features an electronic driver, which runs on 120-277V AC @ 50/60 Hz. This bollard is listed for United States and Canada and approved for wet locations.**

The ATRL-BLD-RND-TD-5L-CN produces 15 watts with a cone reflector that distributes the light in an even downward spread and minimizes glare and light pollution, satisfying dark sky regulations. The addition of a clear polycarbonate lens helps this LED bollard offer greater heat resistance, higher impact strength and increased resistance to breakage. This durable LED bollard operates on 120-277V AC @ 50/60 Hz with color temperatures of 3,000K, 4,000K and 5,000K. The LED bulbs have a rated life span of 50,000 hours and a CRI of 83. For maximum control the bollard LED array includes an electronic driver, which is located in a sealed internal driver tray for security and easy maintenance.

This durable dome top bollard features housing constructed of extruded aluminum with a powder coating available in bronze, black, or white finishes, over a corrosion-resistant chromate conversion coating. The bollard has a flush mounting base and includes a mounting kit with 8” anchor bolts, which are drilled into the ground to secure the bollard down and provide vandal-resistance. It is IP65 rated, resistant to dust and protected against the corrosive effects of water jet wash-downs. The ATRL-BLD-RND-TD-5L-CN can operate in temperatures -40ºC to +40ºC.

**Cone Reflectors:** In cone-shaped reflectors the light source is located inside and beneath the cone. The light source is bounced off the top portion of the reflector, then projected outside of the cone in an outward but downward angle. This process helps to optimize the performance of the light by minimizing glare and light pollution, while satisfying dark sky regulations which encourage the casting of little to no light upward in public areas.

**LED Benefits:** Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

**Mounting:** The ATRL-BLD-RND-TD-5L-CN includes a mounting kit with 8? vandal-resistant anchor bolts.

**Applications:** Walkways, buildings, perimeter lighting, commercial lighting, post lighting, directional lighting, outdoor illumination, upgrading (from CFLs to LEDs), background lighting, general area lighting, residential lighting, landscape lighting and more.

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# Frequently Asked Questions (FAQ)



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**Product ID: 148830**

**Harmonized System (HS) Code:** 9405.10.8020
**Export Control Classification Number (ECCN):** EAR99

**Options:**

**ARTL-BLD-RND-TD-5L-CN-Color-Color Temp**

**Example: ARTL-BLD-RND-TD-5L-CN-BRZ-30K**

| Color | |
|---|---|
| BRONZE | -BRZ |
| BLACK | -BLK |
| WHITE | -WHT |

| Color Temp | |
|---|---|
| 3000K | -30K |
| 4000K | -40K |
| 5000K | -50K |

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Operations Manual**
- **SpecSheetRussian**
- **SpecSheetSpanish**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**