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ARTL-BLD-RND-TR-5.5L-T5

17W Round LED Bollard Light - 1,539 Lumens - 120/277V AC - Wet Location Approved

Product ID: 148802

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.

Specifications / Additional Information

ARTL-BLD-RND-TR-5.5L-T5 Round LED Bollard

Lamp Type: LED
Dimensions: 34 3/4"-H x 7"-Diameter Base x 9 1/4"-Diameter Top
Weight: -
Voltage: 120-277V AC @ 50/60 Hz
Total Watts: 20W
Lumens: 2,685 (Nominal) 2,282 (Delivered)
Luminous Efficacy: 114.1 Lm/W
Life Expectancy: 50,000+ hours
Light Color: White
Color Temperature: 4100K or 5000K
Beam Angle: Cone
Color Rendering Index: 80 CRI
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 Bollard

Special Orders - Special Requirements

Contact us for special requirements

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The ATRL-BLD-RND-TC-6.5L-CN-WCM is a round 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 IP67 rated round COB bollard emits a standard neutral white beam with a standard 4,100K color temperature, delivering 2282 lumens in a Type VS distribution. 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-TC-6.5L-CN-WCM features four 5-watt cool copper COB style LEDs in a VS type light output distribution, producing the same intensity at all angles, making this bollard ideal for roadways, center islands in parkways, and other areas where the light pattern needs a defined edge. This durable LED bollard operates on 120-277V AC @ 50/60 Hz with 2,685 nominal lumens, and is capable of emitting 2,282 lumens of intense light with color temperature options of 4,100K or 5,000K. The LED bulbs have a rated life span of 50,000 hours and a CRI of 80+. 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 bollard has a reflective white polycarbonate 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 COB LED bollard offer greater heat resistance, higher impact strength and increased resistance to breakage. The ATRL-BLD-RND-TC-6.5L-CN-WCM housing is constructed of extruded aluminum with a corrosion-resistant chromate conversion powder coating available in bronze, black and white finishes. 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 IP67 rated, resistant to dust and protected against the effects of being immersed in water up to 1 meter.

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-TC-6.5L-CN-WCM 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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ARTL-BLD-RND-TR-5.5L-T5

Product ID: 148802

Harmonized System (HS) Code: 9405.10.8020

Export Control Classification Number (ECCN): EAR99

Options:

ARTL-BLD-RND-TR-5.5L-T5-Color-Color Temp-Diffusion

Example: ARTL-BLD-RND-TR-5.5L-T5-BRZ-40K-CLR

Color	
BRONZE	-BRZ
BLACK	-BLK
WHITE	-WHT
GREY	-GRY

Color Temp	
4000K	-40K
5000K	-50K

Diffusion	
CLEAR	-CLR
DIFFUSED	-OPQ

Links (Click on the below items to view):

- **Operations Manual**
- **SpecSheetSpanish**
- **HigResPic1**
- **HigResPic2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**