Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

ARTL-BLD-SQ-TR-5.5L-T5

17W Square LED Bollard Light - 1,611 Lumens - 120/277V AC - Wet Location Approved

Product ID: 148803

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-SQ-TR-5.5L-T5 Square Open Reveal LED Bollard
Lamp Type: LED
Dimensions: 43 1/8"-H x 4 3/4"-Diameter Base x 10 1/4"-Diameter Top
Weight: -
Voltage: 120-277V AC @ 50/60 Hz
Total Watts: 16.6W
Lumens: 1,611 (4000K) 1,678 (5000K)
Luminous Efficacy: 97.05 Lm/W @ 4000k
Life Expectancy: 50,000+ hours
Light Color: Cool White
Color Temperature: 4000K or 5000K
Beam Angle: Type 5
Color Rendering Index: 80 CRI
Operating Temp Range: -20ºC to +40ºC
Housing Material: Extruded Aluminum
Finish: Powder Coated Over Chromate Conversion Coating
Housing Color: Bronze, Black, White or Gray
Lens Material: Clear or Diffused Top
Mount: Flush Surface Mounting With 8" Anchor Bolts

Ratings/Approvals
Listed for United States & Canada
Approved for Wet Locations
Electronic Driver
Square Open Reveal Head Bollard

Special Orders - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

The ATRL-BLD-SQ-TR-5.5L-T5 is a square open reveal head 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 bollard has a standard 4,000K color

temperature with a clear lens that delivers 1,611 lumens in a Type V 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-SQ-TR-5.5L-T5 produces 16.6 watts of Type V distribution, which projects a wider and softer circular light distribution with the same intensity at all angles, making this bollard ideal for roadways, center islands in parkways, as well as large commercial parking lots and other areas where evenly distributed light is necessary. This architectural LED operates on 120-277V AC @ 50/60 Hz with color temperatures of 4,000K and 5,000K, delivering 1,611 lumens and 1,678 lumens respectively with a clear lens. A diffused lens option is also available. 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 open reveal bollard features Type V optics, which produce a broader, less intense light beam. The housing is constructed of extruded aluminum with a corrosion-resistant chromate conversion powder coating available in bronze, black, white and gray 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. The ATRL-BLD-SQ-TR-5.5L-T5 can operate in temperatures -20ºC to +40ºC.

Type 5 Optics: Type 5, or Type V, optics offers high efficacy and broader light distribution, an effect similar to post-lamp fixtures. The light source is viewed through prismatic boroscilicate glass, which refracts the light making it less intense.

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-SQ-TR-5.5L-T5 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-SQ-TR-5.5L-T5
Product ID: 148803

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

Options:
ARTL-BLD-SQ-TR-5.5L-T5-Color-Color Temp-Diffusion
Example: ARTL-BLD-SQ-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**
- **SpecSheetRussian**
- **SpecSheetSpanish**
- **HigResPic1**
- **HigResPic2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**