




Access Fixtures

Guide to Light Bollards

Access Fixtures' Bollards are ideal light fixtures for illuminating walkways, streets & driveways of residential and commercial areas. Access Fixtures has provided Light Bollards to some extremely high profile clients including hotels, schools, housing complexes and churches throughout the country. Great quality, efficacy, energy efficiency, custom finishing and fair pricing are the reasons why Access Fixtures has attracted so many customers that want our light bollards.

Styles, Sizes and Applications

At Access Fixtures there are bollard styles and sizes that will meet most customers' requirements. Applications include illuminating paths, walkways and landscaping. Typically bollards have been round in shape with either a domed or flat top. Recently Access Fixtures introduced square bollards with a flat top. For most Access Fixtures Bollards, matching Wall Bollards and Post Top Bollards are available. These are a perfect compliment to the full sized bollards. All bollards* are available in bronze, black or white with a comprehensive selection of custom colors available. Bollards lengths range from 41" to 10' and are available custom lengths, too.

		
Flat top Bollard - Louvered	Dome top Bollard with Adjustable Reflector	Flat top Bollard with IES Type III Glass

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Construction

Access Fixtures' Bollards are housed in a tough extruded aluminum shell that is powder coated over a chromate conversion coating which makes them extremely durable and long-lasting. The lenses of all bollards include a very durable clear or prismatic polycarbonate lens for long life and good distribution of light. The bollard is mounted on a heavy duty mount with a built-in level and 4" anchor bolts that seat in concrete for sturdy mounting. Access Fixture's Bollards are CSA wet location rated.

Lenses, Reflectors and Refractors

Adjustable Reflector – Bollards with adjustable reflectors are a great choice for providing a large amount of light around the bollard. The reflector obscures the light source while maximizing the light around the bollard.

IES Type III – Bollards with IES Type III Glass provide visible illumination on all sides, but emphasizes light through a prismatic borosilicate glass refractor primarily on one side of the bollard. This is effective for directing light onto walkways while minimizing light trespass off the walkway.

IES Type V – Bollards with IES Type V Glass throw controlled light through a prismatic borosilicate glass refractor 360 degrees around the bollard. It's great for throwing light not only on the walkway, but on any type of landscaping next to the walkway.

Louvered – Bollards with Louvers are a good choice for a more controlled light aimed to the ground. Like the Reflector bollard, the light source can't be directly viewed. This enables a more powerful light source to be used than say an IES Type III or an IES Type V. The louver frame at the top of the bollard is only available in Black.

Lamp Types

Access Fixture Bollards can be manufactured using many different lamp types and in various wattages. Lamp types include High Pressure Sodium, Pulse Start Metal Halide, Plug-In Compact Fluorescent and LEDs (Light Emitting Diodes). There is also an option for a line voltage medium socket for those that want to use screw in compact fluorescent.

LED Technology

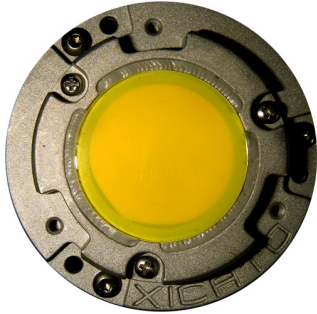
LED technology is the most recent option for Access Fixtures Bollards. The bollards feature Xicato LED modules and are designed to operate 50,000 hours or about a decade before needing new components. Xicato is an industry leader that developed a high performance modular



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based LED system. The Xicato chips are extremely durable, long-lasting and is forward retrofittable. Forward retrofittable means they LED system is not only repairable, but as LED performance improves, is upgradeable. New or replacement modules can be easily swapped. Access Fixtures Bollards also feature Advance Xitanium premium LED drivers. Xitanium Drivers are safe, versatile, reliable, warranted and forward retrofittable.



Access Fixtures Bollards with Xicato LED modules offer extreme energy savings and virtually eliminate maintenance. They feature excellent color rendition of 80+ CRI, come in color temperatures of 2700K, 3000K & 4000K and wattages from 7.5 watts to 30 watts. The bollards are compatible with occupancy and motion sensors. With controls the LED bollards can operate at full and step down light levels, saving additional energy and reducing light pollution as well as light trespass.

About Access Fixtures

Visit Access Fixtures to see the latest LED, induction, HID, and other energy saving lighting products. Access Fixtures has the lighting fixtures you require for commercial, industrial, hospitality and multi-unit residential projects. At AccessFixtures.com you can easily specify exactly what you need, and then with a click place your order online. With custom manufacturing capabilities, Access Fixtures can build lighting fixtures to the performance specifications you require and does so at a very competitive price.

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