

THE
BEYOND
BOLLARD



U.S. ARCHITECTURAL
LIGHTING



BEYOND
BEAUTY

Sculptural modernization

Not your ordinary bollard.

The Beyond Bollard™ is a sculptural contemporary bollard with a distinctively modern and minimalist design for the ultimate in urban sophistication. Its geometric forms, which departs heavily from the standard round and square extruded type bollards, are made to be architecturally relevant and have a high level of appeal.

Designed to harmonize with your existing outdoor architecture, the Beyond Bollard™ is highly customizable to suit its immediate surroundings. Optional height choices, from a normal bollard's 42" height and extended to 80" height, give the bollard more flexibility in application. Unique within the industry is the additional option of heights Beyond offers; any height from 2' to 8'.

Beyond offers a precision engineered LED optical system for general illumination and area lighting, providing safety and security all enfolded within a decorative package. The PLED™ optical module provides a crisp, uniform light distribution and eliminates shadows and scalloping in pathway applications. For use in parks, city squares, shopping malls and all exterior commercial buildings.

The Beyond Bollard™ exemplifies the direction of the new U.S. Architectural Lighting, with clean contemporary dayform that complements architecture and robust performance at night.





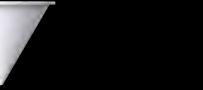
Advanced Optics

PLED Optical Module
The Beyond Bollard™ houses precision engineered optical system. The PLED™ optical system provides our highest level of performance in available distributions and delivered footcandles.

Lens Alternatives

Diffuser Options

Five lens options add to the Beyond's versatility. Full Cutoff, UO (zero uplight) options are available with the No lens, and Flat lens options. If it is eye-catching, jewel-like aesthetics that you desire to bring sparkle to your architectural composition, then the Clear Prismatic or White Inverted Cone lens add to the aesthetic of the bollard. The lens options allow for many different illumination looks, from diffuse, low glare to high performance wide coverage. Lens choices provide for flexibility in both qualitative and quantitative impact in your outdoor space.



Prismatic Clear Lens Opal Lens

Easy Installation

Access Hatch

The low level access hatch provides ease of installation and wiring. It also features vandal resistant hardware for selective access. The hardware is all stainless steel for long life.

LED Distributions

Twelve distributions, including wide throw, forward throw and six with house side shields, illustrated below, provide the ultimate pallet of lighting versatility and effectiveness. This best-in-class distribution selection assures you that this Beyond Bollard™ is a precision lighting instrument, not a "blob of light" that you may have associated with competitive bollards.



Type II



Type II FR



Type III



Type III W



Type IV



Type IV FT



Type V Sq. N



Type V Sq. M



Type ASY



Type ASY-HS
(Internal HS)



Type SYM



BEYOND
VERSATILITY

Form and function

Day contour and night performance.

By day, the Beyond Bollard™, with its see-through riser and strong architectural lines, makes a visual impact that will bring uniqueness and originality to any architectural site.

By night, Beyond provides glare free illumination to enhance safety and security for pedestrian traffic. With lower heights, its optics are concealed from any view above horizontal. The emitted light softly illuminates the shaft, leaving no dead spots around the base. The interaction between the four posts and light produces an impressive light pattern and a high level of illuminance on the ground. Robust and striking, they delineate and structure exterior areas.

Pedestrian scale height.

Bollards are used to define boundaries, act as markers, provide pathway and small area lighting that illuminates pedestrian crosswalks and reduces glare to motorists. At 80 inches the Beyond Bollard™ moves from a bollard class into the class of columns offering a new form and character for pedestrian scale lighting, improving nighttime security and enhancing commercial districts.



Eminence personified

Specifications

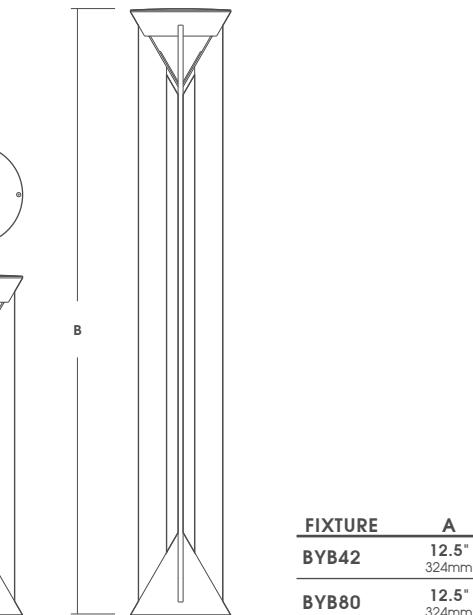
Beyond Bollard™ luminaire can be specified with the precise light distributions that you need for the perfect illumination effect for your pathway, way-finding, building accent or eye-candy. This robust luminaire can provide glare-free illumination perfect for squares, pathways and entrances.

Castings are corrosion resistant, low copper aluminum (A356) with a minimum .188" wall and extruded aluminum (6063-T5) provides the mechanical strength for the struts. This is one rugged bollard despite its open design.

LED correlated color temperatures: 3000 K, 3500 K, 4000 K and the most trending CCT in outdoor, 2700 K are standard

Suitable for wet locations.

Dimensions



Fixture	A	B
BYB42	12.5"	42"
	324mm	1067mm
BYB80	12.5"	80"
	324mm	2032mm

BEYOND
PERFORMANCE

Ordering Information

Spec/Order Example: BYB42/PLED-III/20LED-525mA/40K/240/2-180/RUST-S/WA

LUMINAIRE	OPTICS	LED	VOLTAGE	FINISH	OPTIONS	
BYB42 BYB80	PLED™ Distribution Type For NL, PCA, & CA Lens Options: <input type="checkbox"/> Type II PLED-II <input type="checkbox"/> Type II Front Row PLED-II-FR <input type="checkbox"/> Type III Med. PLED-III <input type="checkbox"/> Type III Wide PLED-III-W <input type="checkbox"/> Type IV PLED-IV <input type="checkbox"/> Type IV PLED-IV-FT <input type="checkbox"/> Type V Narrow PLED-VSQ-N <input type="checkbox"/> Type V Med. PLED-V-SQ-M <input type="checkbox"/> Type V Wide PLED-V-SQ-W	# of LEDs 20LED 875mA 27K (2700K) 208 525mA 30K (3000K) 240 350mA 40K (4000K) 277 175mA 50K (5000K) 347 TRA True Amber*	Drive Current 275mA 700mA 208 525mA 40K (4000K) 240 350mA 50K (5000K) 277 175mA TRI True Amber*	Color Temp - CCT 27K (2700K) 30K (3000K) 40K (4000K) 50K (5000K) 347 480	Standard Textured Finish Black RAL-9005-T White RAL-9003-T Grey RAL-7004-T Dark Bronze RAL-8019-T Green RAL-6005-T	Lens Options: <input type="checkbox"/> Open Frame No Lens NL <input type="checkbox"/> Prismatic Clear Acrylic Drop Down Conical Lens PCA <input type="checkbox"/> Prismatic White Acrylic Drop Down Conical Lens PWA <input type="checkbox"/> Clear Acrylic (Flat) CA <input type="checkbox"/> Ambiance Lens (Flat) AL
BYB42 BYB80	For PWA & AL Lens Options: <input type="checkbox"/> AL-ASY <input type="checkbox"/> AL-ASY-HS (Internal HS) <input type="checkbox"/> AL-SYM	NOTES: 1 - TRA available in 350mA & 525mA Drive Currents only Consult factory for other CCT, CRI, & Drive Current options	Premium Finishes Rust Patina Copper PC	HS-PLED HLSW PC+V SF DF	Internal House Side Shield inc. LED Count (Example: HS-LED/48) High-Low Dimming for Switch by Others>Select Levels 50/100 or 25/100 (Example: HLSW/25) Photo Cell + Voltage (Example: PC120V) Single Fuse (120V, 277V) Double Fuse (208V, 240V)	



U.S. ARCHITECTURAL
LIGHTING

U.S. POLE COMPANY 660 West Avenue O, Palmdale, California 93551 661.233.2000 www.usaltg.com



1022

