

Classic Round Series — WLB

The WLB architectural bollard is an ideal choice for pathways and other spaces requiring illuminated visual separation. Combining durable construction with advanced solar, battery, and LED technology, the WLB offers both performance and aesthetic appeal. Its simple, quick installation process further sets it apart as a top-tier solution. Powered by FLT's proprietary Adaptive Intelligence, the WLB ensures reliable illumination all night long, regardless of weather conditions or location. With no need for trenching or electrical wiring, it delivers a sleek, cost-effective, and eco-friendly lighting solution.

Benefits & Features:

- No wiring, trenching, or electrical service required
- Integrated design eliminates visually distracting external solar panels
- Cost-effective design ships fully assembled and installs in minutes
- No ongoing maintenance
- Provides programmed illumination all night, every night

Key Applications:

- Pathway, Plaza, Parking Lot



Technical Specifications

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| Solar Panels | <ul style="list-style-type: none"> • Industry's most efficient solar panel technology • Integrated into the top of luminaire |
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| Battery | <ul style="list-style-type: none"> • High performance Lithium Iron Phosphate (LiFePO4) technology • High and low temperature tolerance • Integrated within luminaire housing |
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| LED Engine & Controller | <ul style="list-style-type: none"> • 100,000-hour LED L70 lifetime • CCT Options: 2700K, 3000K, 4000K • Dark Sky approved for 2700K, 3000K, and Amber • Wildlife friendly, narrow-band Amber LEDs (595nm) • High-efficiency, Maximum Power Point Tracking(MPPT) battery charger • High-efficiency integrated LED driver |
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| Optical Performance | <ul style="list-style-type: none"> • Symmetrical optics • Optional backlight shield • Achieves way-finding and space delineation standards with typical output of 130 lumens |
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| Adaptive Intelligence | <ul style="list-style-type: none"> • Intelligently manages lighting performance based on environmental conditions and lighting requirements • Automatically calibrates and commissions for location using GPS • On-board multi-year data logging • Microcontroller-based technology |
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| Materials | <ul style="list-style-type: none"> • Die-cast, marine grade aluminum • Stainless fasteners • Architectural grade, durable, TGIC powder coat • Standard and custom colors available |
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| Mechanical | <ul style="list-style-type: none"> • Available in two heights: 35.56cm (14in) and 86.36cm (34in) • Pre-drilled for seamless installation |
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| Reliability & Warranty | <ul style="list-style-type: none"> • Tested for High- & Low- heat and humidity • 5-year warranty • 10+ year battery life • IP67 protection • Designed and manufactured in North America |
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| Lighting Profiles | <ul style="list-style-type: none"> • 11 standard duration profiles available—pre-programmed or field adjustable • Custom, time-based profile options |
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Order Matrix

| Series | Height | Finish | Distribution | LED | Lighting Profiles | Options |
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| WLB | 101 - 14" | BK - Black | SYM - Symmetrical | 2700K | 00 - On at dusk > Off at dawn | SEC - Security Fasteners |
| | 102 - 34" | BZ - Bronze | | 3000K | 01 - On at dusk > Off after 6 hours | |
| | | SV - Silver | | 4000K | 02 - On at dusk > Dim to 30% after 6 hours > Off at dawn | |
| | | WH - White | | Amber | 03 - On at dusk > Off after 5 hours > On 1 hour before dawn > Off at dawn | |
| | | CC - Custom | | 04 (Default) - On at dusk > Dim to 30% after 5 hours > Brighten to 100% 1 hour before dawn > Off at dawn | | |
| | | 05 - On at dusk > Off after 3 hours | | | | |
| | | 06 - On at dusk > Off after 4 hours | | | | |
| | | 07 - On at dusk > Off after 4 hours > On 1 hour before dawn > Off at dawn | | | | |
| | | 08 - Off (typically used with motion sensing) | | | | |
| | | 09 - On at dusk > Dim to 30% after 3 hours > Brighten to 100% 1 hour before dawn > Off at dawn | | | | |
| | | 10 - On 30% at dusk > Off at dawn | | | | |
| 11 - Custom dusk - dawn - time-of-day profile | | | | | | |

