

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
- Wireless control and communication with your light

Key Applications:

- Pathway, Plaza, Parking Lot



Technical Specifications

Solar Module	• Industry’s most efficient solar panel technology • Integrated into the top of luminaire	FLT’s Exclusive Controller with Adaptive Intelligence	• Ensures all-night every-night performance by intelligently managing lighting based on environmental conditions and lighting requirements • Automatically detects its timezone and sets its time for time-of-night profiles • High-efficiency, Maximum Power Point Tracking (MPPT) battery charger • On-board multi-year data logging
Battery	• High performance Lithium Iron Phosphate (LiFePO4) technology • High and low temperature tolerance • Integrated within luminaire housing	Construction & Materials	• Die-cast, marine grade aluminum • Stainless steel fasteners • Architectural grade, durable, TGIC powder coat • Standard and custom colors available • Available in two heights: 35.56cm (14in) and 86.36cm (34in)
LED Light Engine	• 100,000-hour LED L70 lifetime • CCT Options: 2700K, 3000K, 4000K • Wildlife friendly, narrow-band Amber LEDs (595nm) • High-efficiency integrated LED driver	Wireless Control	• Easy-to-use interface via iOS smartphone app • Configure and control lighting profiles • Adjust dusk and dawn thresholds
Optical Performance	• Symmetrical optics • Achieves way-finding and space delineation standards with typical output of 130 lumens	Reliability & Warranty	• Tested for high & low heat and humidity • 5-year warranty • 10+ year battery life • IP67 protection • Designed and manufactured in North America
		Lighting Profiles	• 10 standard duration profiles available • Easily configurable, time-of-night profiles • All profiles pre-programmed or field adjustable

Order Matrix

Series	Height	Finish	Distribution	LED	Lighting Profiles	Options
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	
					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	
					TX0000X0000 - T=Real-time based lighting profile. X=Choose O for off , L for Low (30%) or M for Medium (50%) or B for Bright. 0000=choose event time between 00:00 and 23:59. Second event optional.	

