

Classic Street - BFL

The Classic Street Series BFL is the perfect fit for residential and collector street illumination or parking lots. With FLT’s exclusive Adaptive Intelligence, the BFL provides dependable illumination throughout the night, regardless of weather conditions or geographic location. This highly efficient system integrates the most advanced solar and battery technologies for a highly effective, dependable, and rugged solution. With no need to trench or pull electrical wiring, the BFL is an elegant, extraordinarily cost-effective solution.

Features and Benefits

- No wiring, trenching, or electrical service required
- Cost-effective design installs in minutes
- No ongoing maintenance
- Provides programmed illumination all night, every night
- Time-of-night lighting profile options available
- Wireless control & communication with your light

Key Applications

- Streetlight, Parking Lot, Area

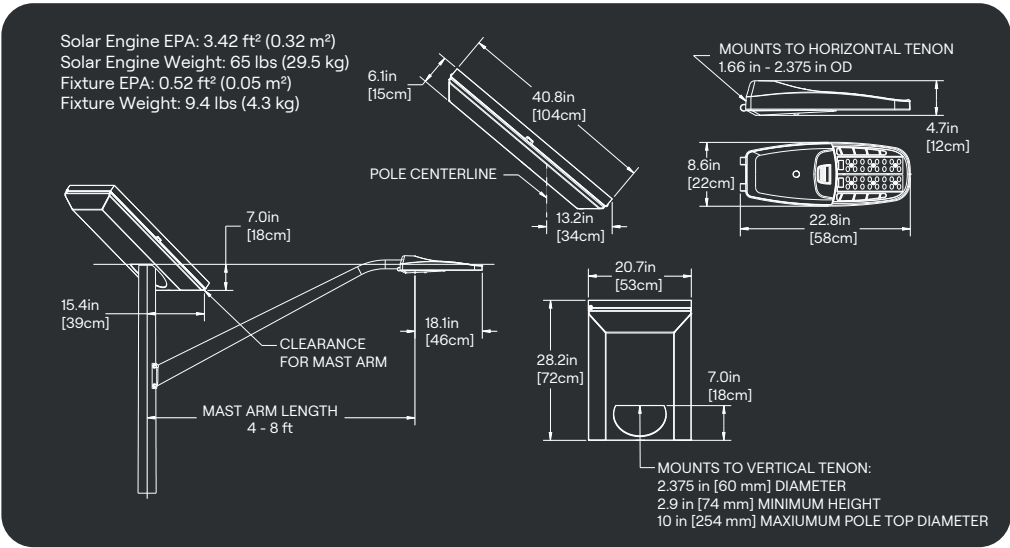


Technical Specifications

Solar Module	• Industry’s most efficient solar panel technology • Active cell technology optimizes power generation even when partially blocked	FLT’s Exclusive Controller with Adaptive Intelligence	• Ensures all-night every-night performance by intelligently managing lighting based on environmental conditions and lighting requirements • Smart dusk/dawn detection synchronizes lights across installation using astronomical calculations • Automatically detects its timezone and sets its time for time-of-night profiles • High-efficiency, Maximum Power Point Tracking (MPPT) battery charger • High-efficiency integrated LED driver • On-board multi-year data logging
Battery	• High performance Lithium Iron Phosphate (LiFePO4) • Exceptional 10+ year life • High and low temperature tolerance • Integrated within solar-engine housing	Construction & Materials	• Marine-grade aluminum chassis & die-cast luminaire • Stainless steel fasteners • Architectural grade powder coat rated to super-durable AAMA 2604 specifications • Standard and custom colours available
Luminaire	• Integrated optics maximize application efficiency and light distribution • CCT Options: 4000K, 3000K, 2700K • High-efficiency type 2M, 3M, 4, 5 optics • 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 • Adjust motion sensor settings
Optical Performance	• Achieves standards with typical output of 8060 lumens • >60,000-hour LED L70 lifetime • DarkSky compliant for 3000K and 2700K • B1 – U0 – G2 BUG Rating (T4)	Reliability & Warranty	• Tested for high & low heat and humidity • 5-year warranty • 10+ year battery life • Designed and manufactured in North America
Lighting Profiles	• 11 duration-based profiles • Easily configurable, time-of-night profiles • All profiles pre-programmed or field adjustable • Motion-sensing capabilities optimize performance based on usage		

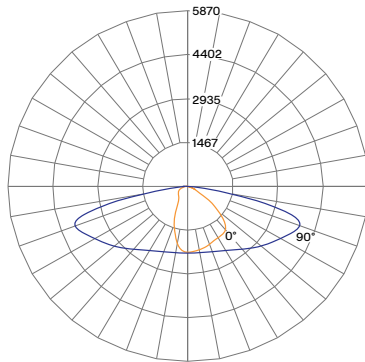
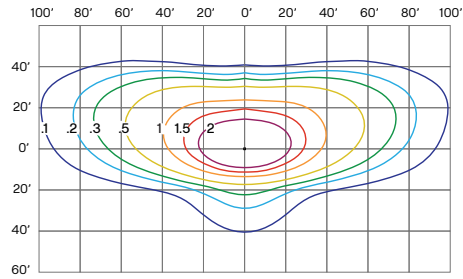
Order Matrix

				Luminaire				
Series	Mounting	Finish	Lighting Profiles	Mounting	Finish	Distribution	LED Colors	Options
BFL	TM - 2.375 Inch Tenon Mount	BK - Black	00 - On at dusk > Off at dawn	HT - Horizontal Tenon	BK - Black	T2M - Type 2	XW - 2700K	MSO - Motion Sensor Off
		BZ - Bronze	01 - On at dusk > Off after 6 hours		BZ - Bronze	T3M - Type 3	WW - 3000K	BLS - Backlight Shield
		GY -Gray	02 - On at dusk > Dim to 30% after 6 hours > Off at dawn		GY - Gray	T4 - Type 4	NW - 4000K	
		CC- Custom Color	03 - On at dusk > Off after 5 hours > On 1 hour before dawn> Off at dawn		CC- Custom Color	T5 - Type 5		
			04 - 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 (Default) - 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.					

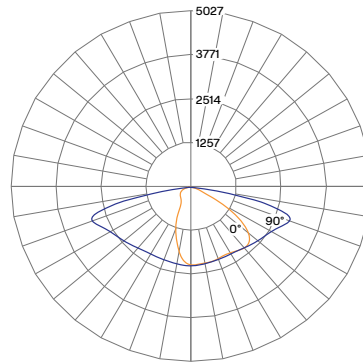
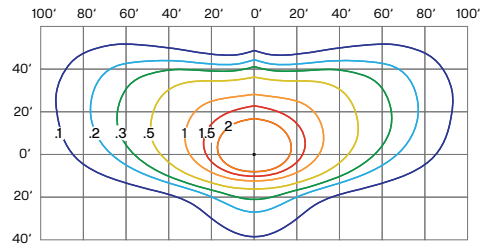


Photometrics

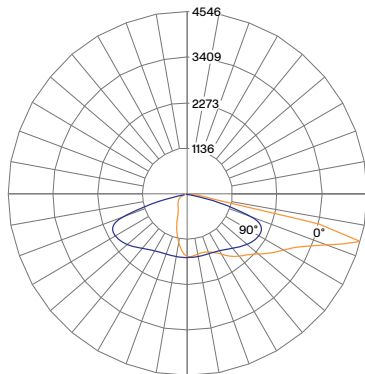
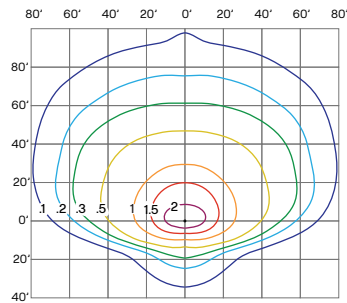
Type 2



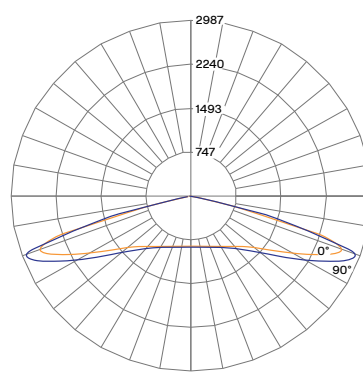
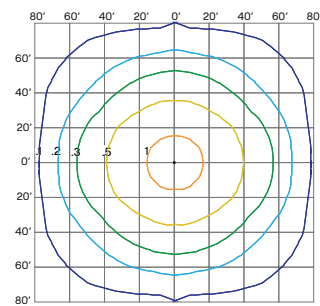
Type 3



Type 4



Type 5



Notes:

1. All plots are calculated using 8060 lumens at 4000K color temperature
2. Illuminance plots are in foot candles and based on 25 ft mounting height
3. Polar candela plots are for the 0° and 90° Vertical Planes
4. Specifications subject to change without notice
5. IES files available at fft.com