

Project: \_\_\_\_\_

Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

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The PLB-AC Series LED bollards are ideal for pathway, egress and public space illumination. They are a perfect addition to any new construction, renovation, or retro-fit project that requires exceptional light output with minimal visual clutter.

Utilizing high performance LED technology and optics, the PLB-AC Series offers significant benefits:

- High efficacy and ultra-low power consumption
- Asymmetrical and symmetrical light distributions
- Full cutoff optical performance
- Maintenance free with no bulbs or ballasts to change
- Robust, vandal resistant design

The PLB-AC Series bollards are built to perform. They provide effective lighting, quality construction, sustainable materials and visual appeal. Made in Canada, the PLB-AC is carefully and purposely constructed; every mechanical, electrical and optical design detail thoughtfully flows together to produce an LED bollard that offers cutting edge performance and long term reliability.



## TECHNICAL SPECIFICATIONS

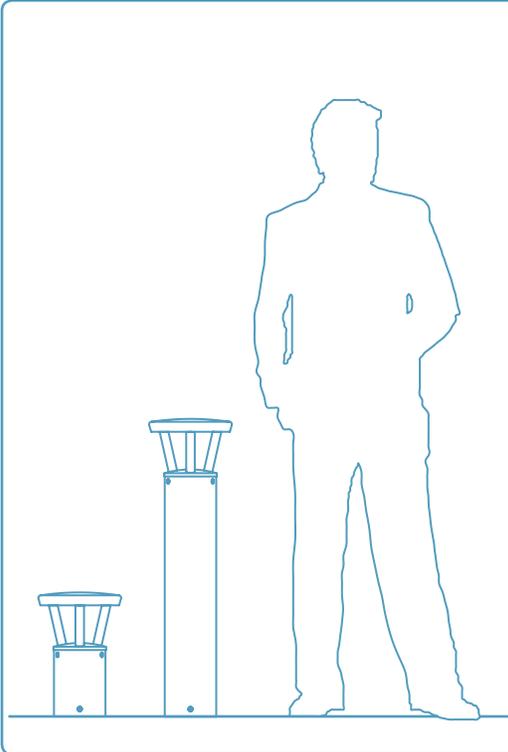
- LEDs & Optics:**
- Four, high efficacy Cree LED emitters
  - Warm (3000K), neutral (4300K) color temperatures available
  - High efficiency Type 3, 4, and 5 optical distributions
  - All distributions full cutoff
  - 1200 lumen output (at 4300K with 700mA driver)

- Driver:**
- 10W power consumption
  - >0.98 power factor at full load
  - 110 ~ 277 VAC, 47 ~ 63Hz input range
  - OCP, SCP, OVP protection, auto recovery
  - AC Phase - trailing-edge dimming compatible
  - >100,000 hour MTBF

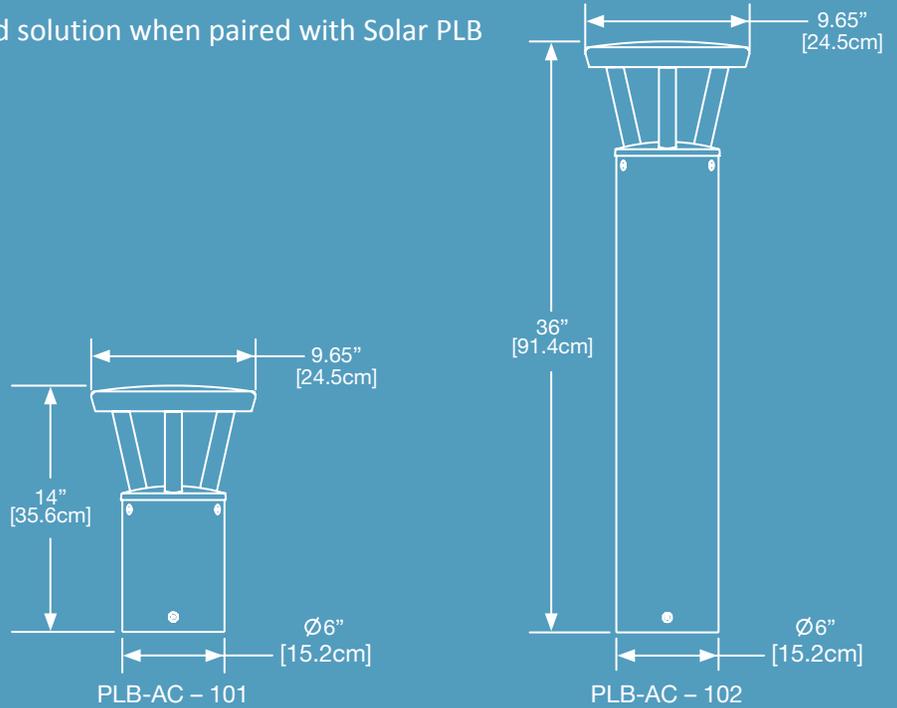
- Mechanical Construction:**
- Cast, low copper aluminum housing
  - Extruded, low copper aluminum post
  - High strength mounting base
  - Stainless fasteners with security fastener option
  - Architectural grade, super durable, TGIC powder coat
  - Four standard colors with custom colors available

- Warranty & Certification:**
- 5 year limited warranty
  - UL8750 Class 2 & CE compliant driver
  - UL1598 (pending)
  - LED Lighting Facts (pending)
  - DLC listed (pending)

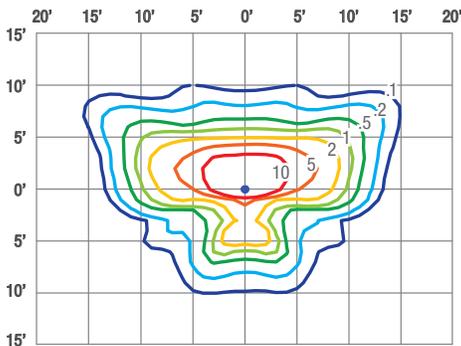
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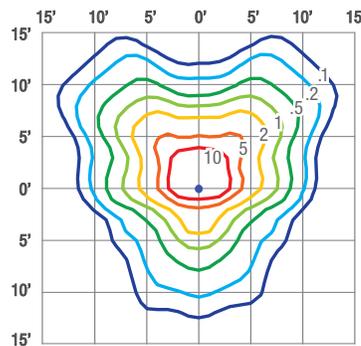
Hybrid solution when paired with Solar PLB



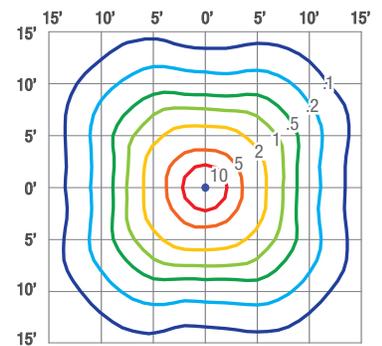
**PHOTOMETRICS**



PLB-AC - Type 3



PLB-AC - Type 4



PLB-AC - Type 5

**ORDER MATRIX**

Call us at 808.833.6020 or email [support@solarbollards.com](mailto:support@solarbollards.com)

Series	Height	Finish	Distribution	LED Color	Voltage	Options
PLB-AC	101 - 14"	BK - Black	ASM - Type 3	30K - 3000K	UV7 - Universal Voltage (700mA)	SEC - Security Fasteners
	102 - 36"	BZ - Bronze	FT - Type 4	43K - 4300K		
		SV - Silver	SYM - Type 5			
		WH - White				
		CC - Custom				

Notes:  
 - Specifications subject to change without notice  
 - All light levels in foot candles (fc) with 4300K color temperature and 1200 lumen output  
 - To convert to lux multiply light level by 10.7

