

<b>CENTENNIAL A SERIES</b> ALUMINUM BOLLARD	Cat.#	Type	
	Job <i>Entra</i>		

**SPECIFICATIONS**

**Intended Use:**

- The Beacon Centennial Bollard is designed to replace HID lighting up to 100W MH or HPS.

**Construction:**

- All cast aluminum parts shall be low copper alloy A356. All extruded aluminum parts shall be alloy 6061-T6, 6063-T5 or equal.
- Coated with a polyester finish that meets ASTM B117 corrosion test requirements and ASTM D522 cracking and loss of adhesion test requirements.
- External hardware shall be corrosion resistant.

**Electrical:**

- 100V through 277V, 50 Hz to 60 Hz (UNV)
- Power factor is  $\geq 0.90$  at full load.
- All electrical components are rated at 50,000 hours at full load and 25°C ambient conditions per MIL-217F Notice 2.
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is certified by UL for use at 600VAC at 90°C or higher.
- Plug disconnects are certified by UL for use at 600 VAC, 13A or higher. 13A rating applies to primary (AC) side only.
- Fixture electrical compartment shall contain all LED driver components.
- Surge protection - 20kA.

**Installation:**

- 5/8" x 24" x 3" anchor bolts, double hex nuts and flat washers shall be hot dipped galvanized steel. A bolt circle template shall be provided.

**Finish:**

- IFS polyester powder-coat electrostatically applied and thermocured.
- IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TGIC polyester powder coat finish.
- The finish meets the AAMA 2604 performance specification which includes

passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds.

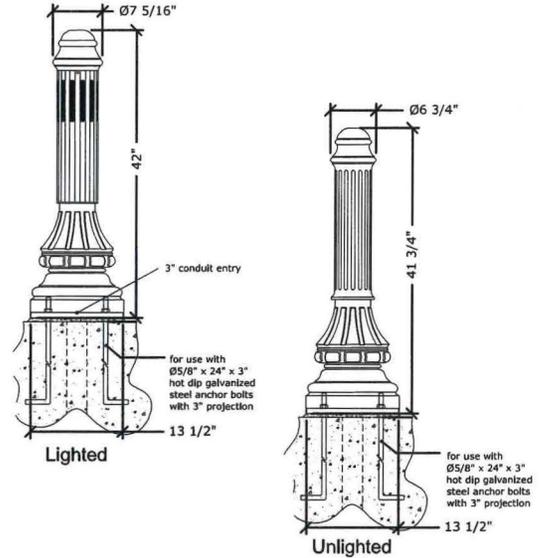
**Listings:**

- Listed to UL1598 and CSA 22.2 #250.0 for wet locations.

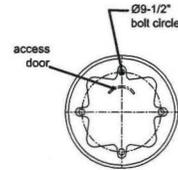
**Warranty:**

- Five year limited warranty for more information visit:  
[www.hubbellighting.com/resources/warranty](http://www.hubbellighting.com/resources/warranty)

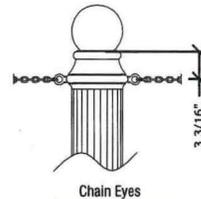
**PRODUCT DIAGRAM**



**ANCHOR BOLT PATTERN**



**STYLE OPTIONS**



ORDERING EXAMPLE: CENA/42/L/AF/28NB-32/4K/UNV/DIR5/BBT/AB

<b>CENA</b>	-	-	-	-	-	-	-	-	-	-
<b>SERIES</b> CENA Centennial A		<b>LENS</b> AW Acrylic White AF Acrylic Frosted	<b>COLOR TEMP</b> 3K 3000k 4K 4000k 5K 5000k	<b>VOLTAGE</b> UNV 120-277V	<b>COLOR</b> BBT Basic Black Textured BMT Black Matte Textured WHT White Textured MBT Metallic Bronze Textured BZT Bronze Textured DBT Dark Bronze Textured GYS Gray Smooth DPS Dark Platinum Smooth GNT Green Textured MST Metallic Silver Textured MTT Metallic Titanium Textured OWI Old World Iron RAL	<b>MOUNTING OPTIONS</b> AB Anchor Base				
	<b>STYLE</b> 42/L Lighted 42/U Unlighted		<b>ENGINE</b> 28NB-32 32 Watts	<b>OPTICS</b> DIR5 Direct Type V		<b>STYLE OPTIONS</b> CES <sup>1</sup> Chain Eye, single CED <sup>1</sup> Chain Eye, double				

*Approved* *Dimmable*  
*Jan Schumann*  
*1/16/18*  
*\*MALAGA*

<sup>1</sup> Contact Factory