

B1300 SERIES - LED

Housing and Riser

Durable, corrosion resistant cast aluminum (A356 alloy; < 0.2% Cu) base, unlit riser and top cap, minimum .250" wall thickness. Lit riser is extruded, minimum .188" wall thickness. All visible welds are blended, all exposed hardware is stainless steel.

LED Power Array

Three-dimensional array consisting of 6 individual LED tubes fastened to a retaining plate equally spaced to provide 360° of even illumination output. Each LED tube consists of a circuit board populated with a multiple of LED's which is fastened to a radial aluminum heat sink. A white polycarbonate lens and end caps protect each LED tube's internal components and provides diffusion to prevent shadowing and striations.

Opal Lens (WA)

Opal acrylic lens is located at the recess of the vertical flutes, protects the LED Module and provides uniform, diffuse illumination.

LED Driver

UL and cUL recognized High Power Factor, Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz and is mechanically fastened to a retaining bracket. 347V and 480V options may utilize a step down transformer to the LED driver. Driver. Main power quick disconnect provided. Driver has a minimum 4KV of internal surge protection. Consult factory for other voltages. Dimming and High-Low Driver options available. 10KV & 20KV Surge Protector optional.

LED Emitters

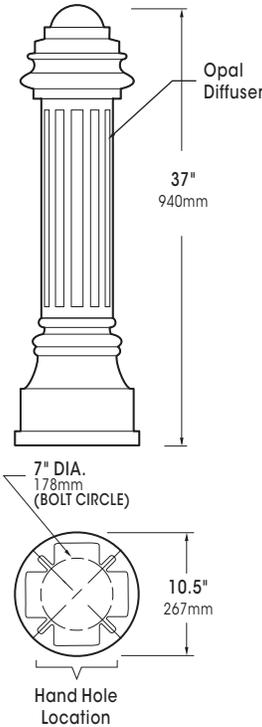
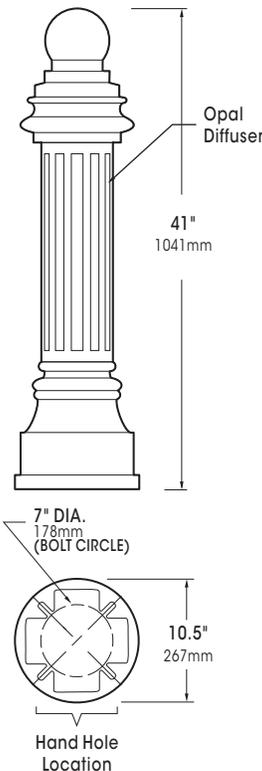
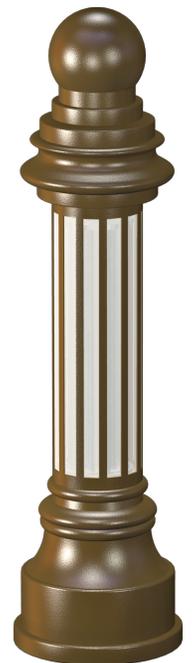
High Output LED's are driven at 350mA for nominal 1 Watt output each. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

Finish

Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

PROJECT NAME: _____

PROJECT TYPE: _____

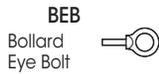
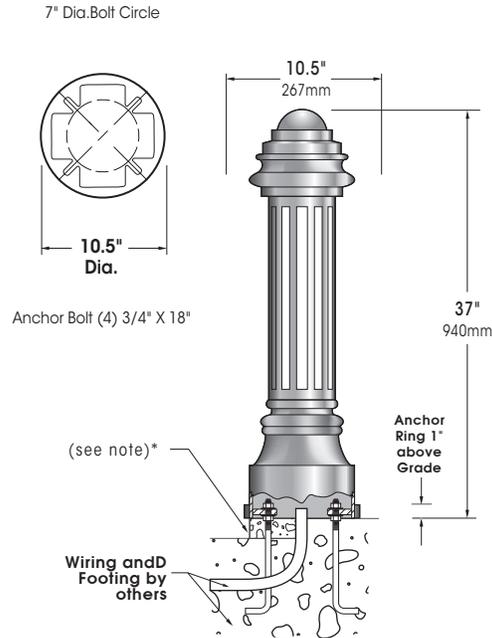
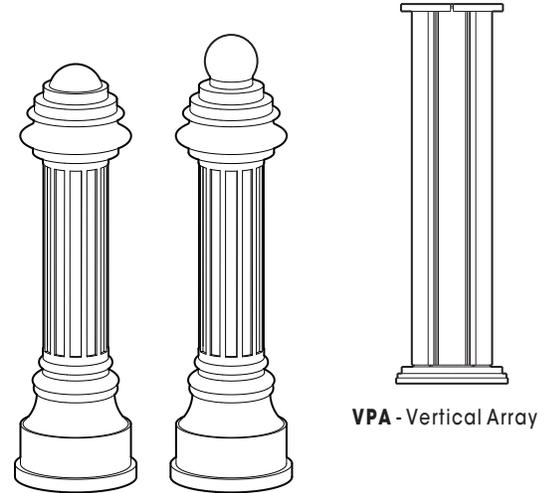

B13EL-CAP

B13EL-BAL


BABA compliant



U.L. Listed for Wet Location

2023282

SPECIFICATIONS
ACCESSORIES

GROUND MOUNTING

LED MODULES


*When mounting in soil, anchor bolt fasteners and other hardware must be protected from soil by grouting.

ORDERING INFORMATION

Spec/Order Example: B13EL-CAP/VPA-SYM/24LEDWW240/RAL-6005-S/GFI

Model	Optics	# of LED's	CCT	Voltage	Finish	Options
Model	Optics	LED		Finish	Options	
LIGHTED	VERTICAL POWER ARRAY OPAL ACRYLIC LENS	# of LEDs	COLOR TEMP - CCT	VOLTAGE	STANDARD TEXTURED FINISH	Internal House Side Shield
<input type="checkbox"/> B13EL-CAP	<input type="checkbox"/> Vertical Array	<input type="checkbox"/> 36LED	<input type="checkbox"/> NW (4000K) Standard	<input type="checkbox"/> 120	<input type="checkbox"/> Black RAL-9005-T	<input type="checkbox"/> 90° HS90
<input type="checkbox"/> B13EL-BAL	<input type="checkbox"/> VPA-SYM		<input type="checkbox"/> CW (5000K)	<input type="checkbox"/> 208	<input type="checkbox"/> White RAL-9003-T	<input type="checkbox"/> 135° HS135
			<input type="checkbox"/> WW (3000K)	<input type="checkbox"/> 240	<input type="checkbox"/> Grey RAL-7004-T	<input type="checkbox"/> 180° HS180
			Consult Factory for Other LED Color	<input type="checkbox"/> 277	<input type="checkbox"/> Dark Bronze RAL-8019-T	<input type="checkbox"/> Dimmable Driver(s) (0-10V) DIM
				<input type="checkbox"/> 347	<input type="checkbox"/> Green RAL-6005-T	<input type="checkbox"/> High-Low Dimming for ardwired Switching or Non-Integrated Motion Sensor HLSW
				<input type="checkbox"/> 480	For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S)	<input type="checkbox"/> 10KV Surge Protector 10SP
					Consult factor for custom colors	<input type="checkbox"/> 20KV Surge Protector (240V & 480V Only) 20SP
						<input type="checkbox"/> Duplex Receptacle DUP
						<input type="checkbox"/> Ground Fault Receptacle GFI
						<input type="checkbox"/> Mailbox - Single MBS
						<input type="checkbox"/> Mailbox - Double MBD
						<input type="checkbox"/> Bollard Eye Bolt BEB