

SOLID AREA LIGHTING

CIRCULUX BOLLARD SERIES - LED

Housing and Riser

Durable corrosion resistant extruded aluminum Riser with a minimum wall thickness of .125". Top cap and vertical support flanges are cast aluminum (A356 alloy; <0.2% copper) construction and compress silicone gaskets top and bottom of the injection molded clear Acrylic Lens. Base Plate cover is spun aluminum.

Vertical Supports

Solid aluminum rod drilled and tapped to accept stainless hex head screws.

Internal Louver (IL)

A specular louver stack conceals the inner lamp module and provides uplight and glare control through the external clear Acrylic Lens.

Opal Lens (WA)

Opal Acrylic Lens protects the internal lamp or LED Power Array Module (with opal diffuse lenses) and provides uniform illumination.

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 Acrylic Lens and end caps protect each LED tube's internal components and provides diffusion to prevent shadowing and striations.

LED Emitters

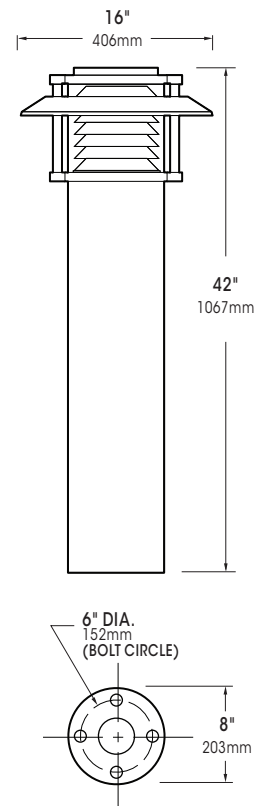
High Output LED's are driven at 350mA for nominal 1 Watt output each. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED Driver

UL and CUL recognized Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for (347-480VAC). Driver is mechanically fastened to a retaining bracket. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimmable and High-Low Driver options available.

Finish

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step media blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability.


CLXB


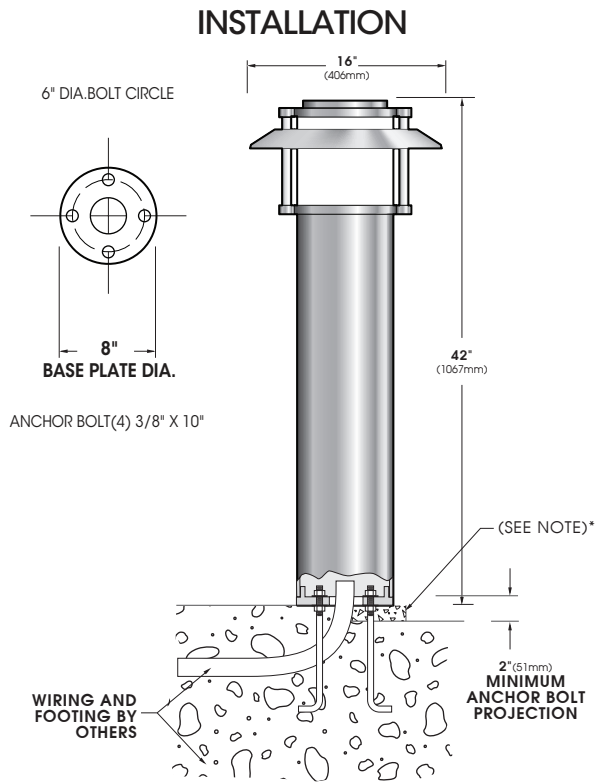
BABA compliant



U.L. Listed for Wet Location

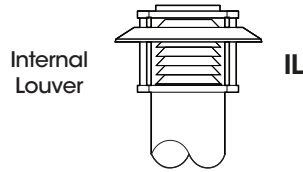
2023320

SPECIFICATIONS

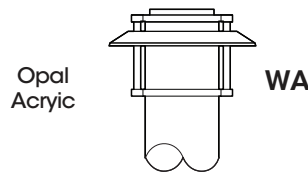


*When mounting in soil, anchor bolt fasteners and other hardware must be protected from soil by grouting.

OPTICS

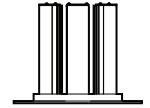
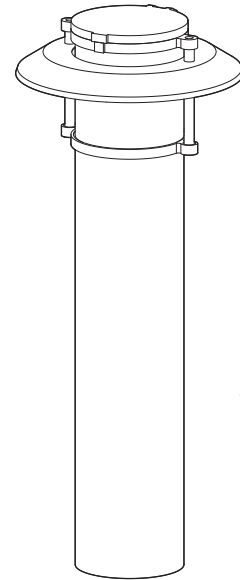


Internal Louver



Opal Acrylic

LAMP WATTAGE



VPA - Vertical Array
Available in:
48 LED Max.

CLXB-LED
Available in:
36 LED & 24 LED

ORDERING INFORMATION

Spec/Order Example: CLXB-IL/50THPS208/RAL-9003-S/GFI

Model	Optics	# of LEDs	Color Temp - CCT	Voltage	Finish	Options
<input type="checkbox"/> CLXB-LED	<input type="checkbox"/> Internal Louver IL <input type="checkbox"/> Opal Acrylic WA	<input type="checkbox"/> 36LED ¹ <input type="checkbox"/> 24LED	<input type="checkbox"/> NW (4000K)* *Standard <input type="checkbox"/> CW (5000K) <input type="checkbox"/> WW (3000K) Consult Factory for Other LED Color, CCT, & CRI Options	<input type="checkbox"/> 120 <input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 277 <input type="checkbox"/> 347 <input type="checkbox"/> 480	Standard Textured Finish <input type="checkbox"/> Black RAL-9005-T <input type="checkbox"/> White RAL-9003-T <input type="checkbox"/> Grey RAL-7004-T <input type="checkbox"/> Dark Bronze RAL-8019-T <input type="checkbox"/> Green RAL-6005-T Premium Finishes <input type="checkbox"/> Rust <input type="checkbox"/> Patina Copper PC For smooth finish replace suffix 'T' with suffix 'S' (Example: RAL-9500-S) Consult factory for custom colors	Internal House Side Shield <input type="checkbox"/> 90° HS90 <input type="checkbox"/> 135° HS135 <input type="checkbox"/> 180° HS180 <input type="checkbox"/> Dimmable driver(s) (0-10V) DIM <input type="checkbox"/> High-Low Dimming for Hardwired Switching or Non-Integrated Motion Sensor HLSW <input type="checkbox"/> Internal House Side Shield HS <input type="checkbox"/> Duplex Receptacle (Consult factory) DUP <input type="checkbox"/> Ground Fault Receptacle (Consult factory) GFI <input type="checkbox"/> 10KV Surge Protector 10SP <input type="checkbox"/> 20KV Surge Protector (277V & 480V only) 20SP Optional Heights: <input type="checkbox"/> 30" <input type="checkbox"/> 36"
<p>NOTES: 1 - 8" BOLLARDS ONLY</p>						