

Type:  
Job:  
Catalog number:

Approvals:

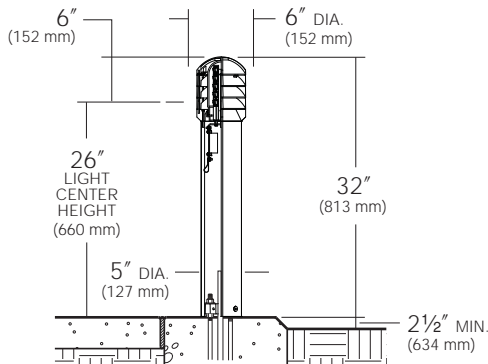
/	/	/
Fixture	Electrical Module	Luminaire Finish
See page 2		

Date:  
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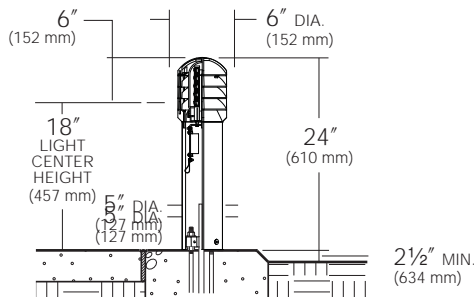
## Specifications

**CB Models**  
10 to 20 Diodes

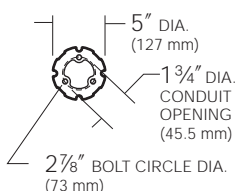
**CB32**  
Maximum weight: 20 lb



**CB24**  
Maximum weight: 17 lb



### BASE PLAN CB



**Top, Louvers:** Interlocking die-cast, low-copper (<0.6% Cu) aluminum sections fasten together with concealed stainless steel screws. Louver base assembly fastens internally to riser with 4 concealed screws.

**Riser:** Extruded aluminum, 5" diameter, .125" typical wall thickness, external vertical grooves align with vertical members on louver assembly. Attaches to anchor base with 4 countersunk stainless steel flat socket head screws finished to match fixture.

**Anchor Base:** Heavy cast aluminum, fully concealed within riser shaft. Three 3/8" x 10" + 2" zinc plated anchor bolts, each with two nuts and washers, and a rigid pressboard template.

**Globe:** Internally fluted, clear tempered glass, fully gasketed.

**Optical Module:** Each LED equipped with a directional optic for maximum beam angle projecting through louver stack spacings. LED boards to be mounted to an anodized inter-locking heat sink extrusion. (Type I) two 5-LED boards for a total of 10-LED. (Type III) three 5-LED boards for a total of 15-LED. (Type V) four 5-LED boards for a total of 20-LED. Available in 3500K and 5100K color temperatures.

**Electronic Module:** All electrical components are either UL or ETL recognized, mounted on a single plate and factory prewired with quick disconnect plugs. Driver is rated for -40°F starting and has a 0-10V dimming interface for multi-level illumination options.

**Finish:** TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Stealth Gray™, Platinum Silver, or White. Custom colors are available.

**CAUTION:** Fixtures must be grounded in accordance with national, state and/or local codes. Failure to do so may result in serious personal injury.

### Listings and Ratings

UL, or ETL to UL Standards 1598 & 8750 <sup>1</sup>	IP46 Rated	25C Ambient
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<sup>1</sup>Suitable for wet locations.

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## Standard and Optional Features

<p><b>Fixture</b> Cat. No. designates fixture.</p>	<p>Cat. No.    <input type="checkbox"/> <b>CB24</b> Compact Bollard 24" overall height                           <input type="checkbox"/> <b>CB32</b> Compact Bollard 32" overall height</p>																			
<p><b>Electrical Module</b> <b>LED</b> = Light Emitting Diode</p>	<p>Cat. Nos. for LED Electrical Modules available:</p> <table style="width:100%; border: none;"> <tr> <td style="text-align: center; border: none;"> <p><b>xL</b></p> <p>Source:</p> <p><input type="checkbox"/> <b>10L</b> = 10 LED (IES Type I)</p> <p><input type="checkbox"/> <b>15L</b> = 15 LED (IES Type III)</p> <p><input type="checkbox"/> <b>20L</b> = 20 LED (IES Type V)</p> </td> <td style="text-align: center; border: none;"> <p><b>xK</b></p> <p>Color Temperature:</p> <p><input type="checkbox"/> <b>3K</b> = 3500K</p> <p><input type="checkbox"/> <b>5K</b> = 5100K</p> </td> <td style="text-align: center; border: none;"> <p><b>x</b></p> <p>Voltage:</p> <p><input type="checkbox"/> <b>UV</b></p> <p>Universal Voltage shall range from 120V-277V</p> </td> </tr> </table> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width:25%;">FIXTURE</th> <th style="width:25%;">TOTAL SYSTEM WATTS</th> <th style="width:25%;">VOLT</th> <th style="width:25%;">OPERATING AMPS</th> </tr> </thead> <tbody> <tr> <td>CB24 or CB32 – 10 LED</td> <td align="center">12</td> <td align="center">120 / 208 / 240 / 277</td> <td align="center">.10 / .05 / .05 / .04</td> </tr> <tr> <td>CB24 or CB32 – 15 LED</td> <td align="center">18</td> <td align="center">120 / 208 / 240 / 277</td> <td align="center">.15 / .09 / .08 / .07</td> </tr> <tr> <td>CB24 or CB32 – 20 LED</td> <td align="center">24</td> <td align="center">120 / 208 / 240 / 277</td> <td align="center">.20 / .12 / .10 / .09</td> </tr> </tbody> </table>	<p><b>xL</b></p> <p>Source:</p> <p><input type="checkbox"/> <b>10L</b> = 10 LED (IES Type I)</p> <p><input type="checkbox"/> <b>15L</b> = 15 LED (IES Type III)</p> <p><input type="checkbox"/> <b>20L</b> = 20 LED (IES Type V)</p>	<p><b>xK</b></p> <p>Color Temperature:</p> <p><input type="checkbox"/> <b>3K</b> = 3500K</p> <p><input type="checkbox"/> <b>5K</b> = 5100K</p>	<p><b>x</b></p> <p>Voltage:</p> <p><input type="checkbox"/> <b>UV</b></p> <p>Universal Voltage shall range from 120V-277V</p>	FIXTURE	TOTAL SYSTEM WATTS	VOLT	OPERATING AMPS	CB24 or CB32 – 10 LED	12	120 / 208 / 240 / 277	.10 / .05 / .05 / .04	CB24 or CB32 – 15 LED	18	120 / 208 / 240 / 277	.15 / .09 / .08 / .07	CB24 or CB32 – 20 LED	24	120 / 208 / 240 / 277	.20 / .12 / .10 / .09
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<p><b>Finish</b> TGIC thermoset polyester powder coat paint applied over a titanated zirconium conversion coating on fixture and shaft.</p>	<p>Color:    Black    Dark Bronze    Light Gray    Stealth Gray™    Platinum Silver    White    Custom Color<sup>1</sup></p> <p>Cat. No.: <input type="checkbox"/> <b>BL</b>    <input type="checkbox"/> <b>DB</b>    <input type="checkbox"/> <b>LG</b>    <input type="checkbox"/> <b>SG</b>    <input type="checkbox"/> <b>PS</b>    <input type="checkbox"/> <b>WH</b>    <input type="checkbox"/> <b>CC</b></p> <p><b>NOTE:</b> Black and Dark Bronze colors will produce slightly less louver brightness than Light Gray or White.</p> <p><sup>1</sup>Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____</p>																			