

Type:
Job:
Catalog number:

Approvals:

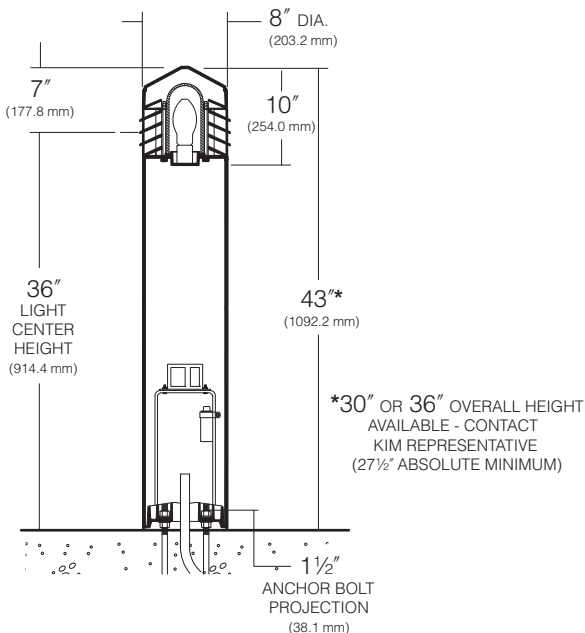
VSB1	/	/	/
Fixture	Electrical Module	Top Cap and Shaft Finish	Option
See page 2			

Date:
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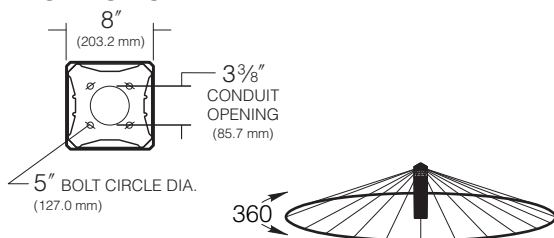
Specifications

VSB Models
 70 to 100 watt
 Medium Base Lamps
 42 watt Compact Fluorescent

VSB1 - Single Function Luminaire (Aluminum Shaft)
 Maximum weight: 35 lb



**BASE PLAN
 VSB
 ALUMINUM SHAFT**



U.S. Patent D410,553

Top Cap: One-piece, die-cast low copper (<0.6% Cu) aluminum $\frac{3}{16}$ " minimum thickness, secured to louvers by concealed stainless steel allen screws in keyhole slots. For relamping access, allen screws shall not require complete removal.

Louvers: One-piece, die-cast low copper (<0.6% Cu) aluminum with vertical support ribs at 90° intervals. Horizontal louver blades shall have a $1\frac{3}{4}$ " depth, and be angled 25° from the horizontal. Louvers shall provide light source cutoff above horizontal. Louver castings shall be secured to shaft by four internal tie rods.

Lamp Enclosure: One-piece tempered molded glass with internal flutes and full silicone gasketing at bottom edge.

Socket: Porcelain medium base socket rated 4KV for HID Plastic socket for Fluorescent.

Fixture Head: Allows flow-through ventilation around and above the lamp enclosure.

Shaft: One-piece extruded aluminum, .156" minimum wall thickness with a heavy cast aluminum anchor base concealed within the shaft. Hex socket stainless steel screws shall lock shaft onto the cast anchor base.

Ballast: Factory mounted to rigid harness attached to the anchor base. Wiring shall be supplied from the socket for field connection to the prewired ballast components. **HID:** High power factor with starting temperatures of -20°F. for PMH and -40°F. for HPS lamp modes. **26W, 32W, 42W Fluorescent:** High power factor with starting temperature of 0°F.

Anchor Bolts: Four $\frac{3}{8}$ " x 10" + 2" zinc plated L-hooks, each with two nuts, washers and a rigid pressed board template.

Finish: Super 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 electrical codes. Failure to do so may result in serious personal injury.

Listings and Ratings

UL cUL 1598 ¹	CE	25C Ambient
IP46 Rated	FS = Fully Shielded ²	

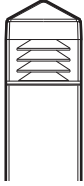
¹Suitable for wet locations.

²Dark Sky Legislation Compliant

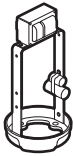


KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE

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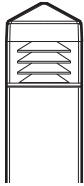
Standard Features

Fixture	Cat. No. VSB1 Single Function, Aluminum Shaft, Gabled Top																																																		
Electrical Module PMH = Pulse Start Metal Halide HPS = High Pressure Sodium PL = Compact Fluorescent <table border="1" data-bbox="191 863 391 957"> <tr> <td>Lamp Watts</td> <td>Lamp Type</td> <td>Line Volts</td> </tr> <tr> <td>70</td> <td>PMH</td> <td>120</td> </tr> </table>  <p>NOTE: For lamp/ballast information outside of the U.S.A. and Canada, please consult your local Kim representative.</p>	Lamp Watts	Lamp Type	Line Volts	70	PMH	120	Cat. Nos. for Electrical Modules available: <table border="1" data-bbox="500 674 1458 856"> <tr> <td><input type="checkbox"/> 70PMH120</td> <td><input type="checkbox"/> 100PMH120</td> <td><input type="checkbox"/> 70HPS120</td> <td><input type="checkbox"/> 100HPS120</td> </tr> <tr> <td><input type="checkbox"/> 70PMH208</td> <td><input type="checkbox"/> 100PMH208</td> <td><input type="checkbox"/> 70HPS208</td> <td><input type="checkbox"/> 100HPS208</td> </tr> <tr> <td><input type="checkbox"/> 70PMH240</td> <td><input type="checkbox"/> 100PMH240</td> <td><input type="checkbox"/> 70HPS240</td> <td><input type="checkbox"/> 100HPS240</td> </tr> <tr> <td><input type="checkbox"/> 70PMH277</td> <td><input type="checkbox"/> 100PMH277</td> <td><input type="checkbox"/> 70HPS277</td> <td><input type="checkbox"/> 100HPS277</td> </tr> <tr> <td><input type="checkbox"/> 70PMH347</td> <td><input type="checkbox"/> 100PMH347</td> <td><input type="checkbox"/> 70HPS347</td> <td><input type="checkbox"/> 100HPS347</td> </tr> </table> <table border="1" data-bbox="500 863 1458 940"> <tr> <td>Lamp</td> <td>E-17, Coated</td> <td>E-17, Coated</td> <td>ED-17, Coated</td> <td>ED-17, Coated</td> </tr> <tr> <td>Socket</td> <td>Medium Base</td> <td>Medium Base</td> <td>Medium Base</td> <td>Medium Base</td> </tr> </table> <table border="1" data-bbox="500 947 1458 1010"> <tr> <td>ANSI Ballast Type</td> <td>M-98</td> <td>M-90</td> <td>S-62</td> <td>S-54</td> </tr> </table> <table border="1" data-bbox="500 1045 846 1163"> <tr> <td><input type="checkbox"/> 42PL¹</td> </tr> <tr> <td>Lamp</td> <td>Compact Fluor.</td> </tr> <tr> <td>Socket</td> <td>GX24q-4</td> </tr> </table> <p>NOTE: Coated lamps are recommended.</p>					<input type="checkbox"/> 70PMH120	<input type="checkbox"/> 100PMH120	<input type="checkbox"/> 70HPS120	<input type="checkbox"/> 100HPS120	<input type="checkbox"/> 70PMH208	<input type="checkbox"/> 100PMH208	<input type="checkbox"/> 70HPS208	<input type="checkbox"/> 100HPS208	<input type="checkbox"/> 70PMH240	<input type="checkbox"/> 100PMH240	<input type="checkbox"/> 70HPS240	<input type="checkbox"/> 100HPS240	<input type="checkbox"/> 70PMH277	<input type="checkbox"/> 100PMH277	<input type="checkbox"/> 70HPS277	<input type="checkbox"/> 100HPS277	<input type="checkbox"/> 70PMH347	<input type="checkbox"/> 100PMH347	<input type="checkbox"/> 70HPS347	<input type="checkbox"/> 100HPS347	Lamp	E-17, Coated	E-17, Coated	ED-17, Coated	ED-17, Coated	Socket	Medium Base	Medium Base	Medium Base	Medium Base	ANSI Ballast Type	M-98	M-90	S-62	S-54	<input type="checkbox"/> 42PL ¹	Lamp	Compact Fluor.	Socket	GX24q-4
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Finish Super TGIC powder coat paint over a titanated zirconium conversion coating on fixture and shaft.	Color: Black Dark Bronze Light Gray Stealth Gray™ Platinum Silver White Custom Color ² Cat. No.: <input type="checkbox"/> BL <input type="checkbox"/> DB <input type="checkbox"/> LG <input type="checkbox"/> SG <input type="checkbox"/> PS <input type="checkbox"/> WH <input type="checkbox"/> CC <p>NOTE: Black and Dark Bronze colors will produce slightly less louver brightness than Light Gray or White.</p> ² Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____																																																		
Optional Houseside Shield Cat. No. <input type="checkbox"/> HS <input type="checkbox"/> No Option	180° trimmable houseside shield that inserts inside lamp enclosure. .032" thick natural aluminum, trimmable in field. 																																																		
Emergency Battery Back-up Cat. No. <input type="checkbox"/> EM <input type="checkbox"/> No Option	Internal battery pack provides 90 minutes of supplemental light at 23% of initial lamp lumens for 26, 32, or 42 watt compact fluorescent lamps..  <p>battery back-up</p>																																																		

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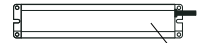
Standard Features

Cold-Pack Emergency Battery Pack

- Cat. No. **EM-CP**
 No Option

The EM-CP option is a temperature controlled ballast designed to maintain operation without interruption within a range of hi/low ambient temperatures, -20°C to +55°C.

Internal Cold-Pack emergency battery pack provides up to 90 minutes of supplemental light. See following table for max. lumens output by lamps.



cold-pack
battery back-up

Lamp (4-Pin)	1 lamp lumens
42W	750
32W	575
26W	450