

**KLVL271**

RAVENNA™ LOWLIGHTER 12V

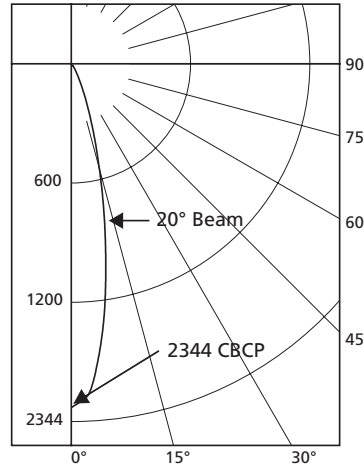
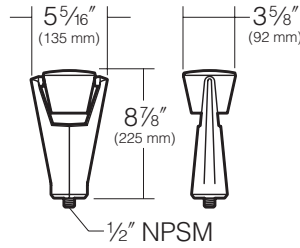
**FEATURES**

- Die-cast copper aluminum with stainless steel fasteners
- Aimable 358° vertically, horizontal aiming controlled by installation mounting device
- 3000K, 4000K, or 5000K color temperatures

**CERTIFICATIONS**



**SPECIFICATIONS**



Voltage: 12    Watts: 6.84    Amps: 0.83  
 Lumens: 470    CBCP: 2344    Beam: 20°  
 CCT: 3000K    Efficacy: 69    Lm/W

**ORDERING CODE**

Model	Fixture Options	Mounting Options
KLVL271BL <sup>1</sup> Black KLVL271DB <sup>1</sup> Dark Bronze KLVL271GR <sup>1</sup> Verde Green	PL <sup>2</sup> Prismatic Spread Lens softens lamp distribution. Best with spot. SL <sup>2</sup> Linear Spread Lens creates oval beam pattern. Best with spot.	EP17 Landscape Light Post Mount, 12V & 120V KLV400 <sup>3</sup> Spear Mount, 12V KLV405 <sup>1</sup> Surface Mount, 12V, Lowlighter only KLV415 <sup>3</sup> Extension Mount, 12V, Lowlighter only JB1 <sup>3</sup> Architectural J-box, 12V & 120V JBR-2 In-grade J-box (2) 1/2" NPT in bottom, 12V & 120V JBR-3 In-grade J-box (2) 3/4" NPT in bottom, 12V & 120V JBR-4 Composite in-grade J-box (2) 1/2" NPT in bottom, (4) NPT on sides @ 90°, 12V & 120V JBR-5 Brass cover, composite in-grade J-box (2) 1/2" NPT in bottom, (4) NPT on sides @ 90°, 12V & 120V JBR-21 In-grade J-box (2) 1/2" NPT in sides, (2) 1/2" NPT in bottom, 12V & 120V JBR-24 In-grade J-box (4) 1/2" NPT in sides, (2) 1/2" NPT in bottom, 12V & 120V JBR-30 Brass in-grade staked J-box, 12V & 120V SM18 <sup>3</sup> Stanchion Mount, 12V & 120V <sup>3</sup>

1 Remote transformer required.  
 2 Inserts behind lens.  
 3 Specify finish, **BL** - Black, **DB** - Dark Bronze, **GR** - Verde Green.  
 4 Specify finish, **NB** - Natural Brass, **VG** - Verde Green Patina.

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**LUMINAIRE PERFORMANCE**

Nominal Lumen Package	Center Beam Candle Power	Watts	Lumens Per Watt
470	2344	6.84	69

**SPECIFICATIONS****Lamp Housing:**

- Die-cast low copper aluminum, stainless steel fasteners and stainless steel set screw lock for aiming pivot.

**Aiming:**

Aimable 358° vertically, horizontal aiming controlled by installation on mounting device.

**Ravenna Yoke:**

- Die-cast low copper aluminum, stainless steel fasteners and 1/2" NPSM brass nipple mount.

**Lens:**

- Tempered glass, 1/8" nominal thickness.

**Gasketing:**

- Silicone gaskets used throughout.

**Transformer:**

- Remote low voltage transformer required.

**Wiring:**

- No. 18AWM rated 105°C.

**Driver/Optical System:**

- 3 LED emitters configured in a triangle array comprised together as a module. Each LED is encapsulated under a precision optical prism to produce a narrow flood pattern. The -40c driver is within the module and operates on 12V AC or DC current, 10 watt, 0.83 amp.

**Finish:**

- Fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powder coat.
- Standard colors include (BL) Black, (DB) Dark Bronze, and (GR) Verde Green.

**Certifications and Listings:**

- UL 1598 Standard for wet locations for Luminaires.
- UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products.

**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.

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**OPTIONS**

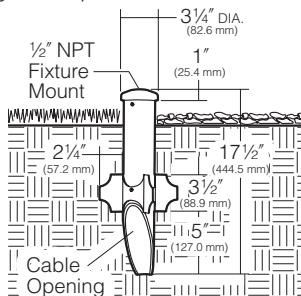
**Fixture Options:**

- **Prismatic Lens:** Softens lamp distribution and flattens beam spread. Best with flood lamps. Replaces standard lens. Cannot be used in combination with HL louver.
- **Spread Lens:** Creates an oval beam pattern, more narrow in one beam axis. Best with spot lamps. Replaces standard lens. Cannot be used in combination with HL louver.

**Mounting Options:**

- **Landscape Light Post:** PVC fixture molded in black with 1/2" NPT mount is corrosion free and UV resistant. Replaces EMT, conduit connectors and weatherproof boxes. 100% shatter resistant against denting and cracking. Angled bottom to eliminate cable congestion. 17 1/2" post length

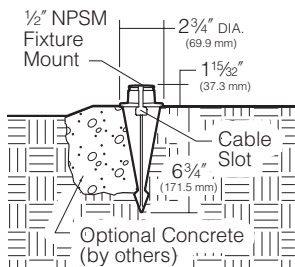
**Caution:** The Ravenna Highlighter tray may be too heavy for the EP17. Any slight impact could damage the cap.



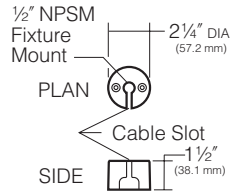
- **Low Voltage Spear Mount:** Die-cast low copper aluminum with 1/2" NPSM fixture mount. Stainless steel set screw locks fixture into mount. Cable slot allows easy fixture mounting before or after installation in ground. Super TGIC powder coat paint over clear anodizing and titanated zirconium conversion coating.

**Spear Mounting in Concrete**

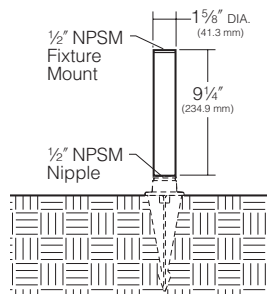
The KLV400 must be installed in concrete.



- **Low Voltage Surface Mount:** Die-cast low copper aluminum with 1/2" NPSM fixture mount. Stainless steel set screw locks fixture into mount. Two holes provided for flat head wood screws. Super TGIC powder coat paint over clear anodizing and titanated zirconium conversion coating.



- **Extension Module:** For raising fixtures to a height above foliage for efficient and unobstructed operation. Constructed of 1 5/8" diameter extruded aluminum with die-cast ends. 1/2" NPSM female thread on one end, and other end has a 1/2" NPSM solid brass nipple. Stainless steel allen head set screw locks fixture onto mount. Super TGIC powder coat paint over titanated zirconium conversion coating. Two modules may be stacked for additional height.



**Brass In-grade Architectural Junction Box**

- Die-cast brass with 1/2" NPSM fixture mount and die-cast cover. Internal set screw provided for locking position. 18 cu. in. internal volume.

- JBR-2 (2) 1/2" NPT in bottom
- JBR-3 (2) 3/4" NPT in bottom
- JBR-21 (2) 1/2" NPT in sides, (2) 1/2" NPT in bottom
- JBR-24 (4) 1/2" NPT in sides, (2) 1/2" NPT in bottom

All side taps provided with plugs.

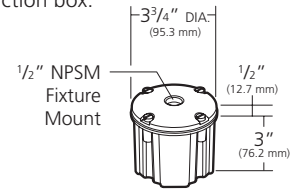
**25 Year Limited Warranty:**

Solid brass junction boxes are warranted for 25 years, from date of sale, against manufacturing defects and failure due to corrosion.

**Application Notes**

- Creates a flush-mounted appearance.
- May be cast in concrete for increased stability.

**CAUTION:** Fixture stem and swivel must not contact soil or standing water. Provide drainage away from junction box.

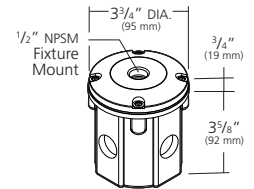


**Composite In-Grade Architectural Junction Box**

Composite box with 1/2" NPSM fixture mount and composite cover. 19 cu. in. internal volume.

- JBR-4 (2) 3/4" NPT knockouts in bottom. (4) 3/4" NPT knockouts on sides.
- JBR-5 Same as above but with brass cover.

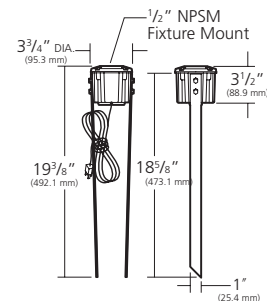
**CAUTION:** Fixture stem and swivel must not contact soil or standing water. Provide drainage away from J-Box.



**Brass In-grade Staked Junction Box**

- **JBR30** Die-cast brass with 1/2" NPSM fixture mount and die-cast cover. Internal set screw provided for locking position. 18 cu. in. internal volume.

- (2) 1/2" NPT in bottom with (2) 19" long brass stakes



**Stanchion Mount**

3" O.D. by .188" wall cast aluminum with 1/2" NPSM fixture mount and hand hole with flush cover. Internal set screw fixture lock accessible through hand hole. Internal ground lug supplied with installed lead. Super TGIC powder coat paint over clear anodizing and titanated zirconium conversion coating.

