



Ravenna™ Lowlighter **KLV270 / KLV271**

12 Volt Die-Cast Aluminum, MR16 Halogen/LED

revision 4/11/11 • klv270/1;v271.pdf

Type:

Job:

Fixture Catalog number:

Fixture and Finish

Fixture Options:

Ordered Separately from Fixture
See page 2

Mounting Options:

Ordered Separately from Fixture
See pages 3-5

Approvals:

Date:

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Specifications

Lamp Housing: Die-cast low copper aluminum with die-cast cover, 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: Cast aluminum, stainless steel fasteners and 1/2" NPSM brass nipple mount.

Lens: Tempered glass, 1/8" nominal thickness.

Gasketing: Silicone gaskets used throughout.

Socket: KLV270 G4 to GY6.35 socket for bipin lamp.

Transformer: Remote transformer required.

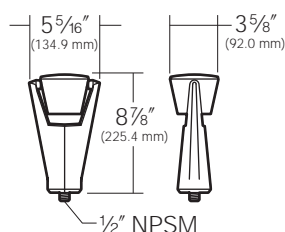
Wiring: 6' No. 18-2 12 volt cable with spade connectors for low voltage cable system connection.

Optical System: KLV271 A total of 3 LED emitters configured in a rectangular array comprised together as a module. Available in 3500K and 5100K.

Driver: KLV271 Constant current electronic driver. Available in 12V input. -40°F. starting temperature. All drivers are Underwriters Laboratories recognized.

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 **(BL)**, Dark Bronze **(DB)**, and Verde Green **(GR)**.

Certification: UL Listed to U.S. and Canadian safety standards for wet locations.



ORDERING INFORMATION

Fixture ¹	Lamp	Finish
<input type="checkbox"/> KLV270BL	20W - 50W MR16 Bipin Halogen	Black
<input type="checkbox"/> KLV270DB	50W MR16 Bipin Halogen	Dark Bronze
<input type="checkbox"/> KLV270GR	50W MR16 Bipin Halogen	Verde Green

Fixture	Source	Finish
<input type="checkbox"/> KLV271/3L3K/BL	3.6W, 3 LED's, 3500K ²	Black
<input type="checkbox"/> KLV271/3L5K/BL	3.6W, 3 LED's, 5100K ²	
<input type="checkbox"/> KLV271/3L3K/DB	3.6W, 3 LED's, 3500K ²	Dark Bronze
<input type="checkbox"/> KLV271/3L5K/DB	3.6W, LED's, 5100K ²	
<input type="checkbox"/> KLV271/3L3K/GR	3.6W, 3 LED's, 3500K ²	Verde Green
<input type="checkbox"/> KLV271/3L5K/GR	3.6W, 3 LED's, 5100K ²	

¹Remote transformer required.

².3 Max Amps.



HUBBELL LIGHTING, INC.



U.S. PATENT D407,842

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

Type:

Job:

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Fixture Options

Ordered Separately from Fixture

Lens Accessories
 Cat. No. (See right)
☐ No Option

HL - Hex Cell Louver: Constructed of hex cell aluminum louvers providing 45° cutoff, mounted in a circular frame, finished in baked high-heat flat black. Can be used in combination with colored lenses. Inserts behind lens. Cannot be used in combination with **SL** spread or **PL** prismatic lenses.

Cat. No.

☐ **HL** Hex Cell Louver



PL - Prismatic Lens: Softens lamp distribution and flattens beam spread. Best with flood lamps. Inserts behind lens. Cannot be used in combination with **HL** louver.

Cat. No.

☐ **PL** Prismatic Lens



SL - Spread Lens: Creates an oval beam pattern, more narrow in one beam axis. Best with spot lamps. Inserts behind lens. Cannot be used in combination with **HL** louver.

Cat. No.

☐ **SL** Spread Lens



Transformer Options

See "12-15 Volt Variable Transformers" on kimlighting.com - Product Specifications - Landscape 12 Volt-120Volt section.

Type:

Job:

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Mounting Options

Ordered Separately from Fixture

Landscape Light Post by Engineered Products Co.

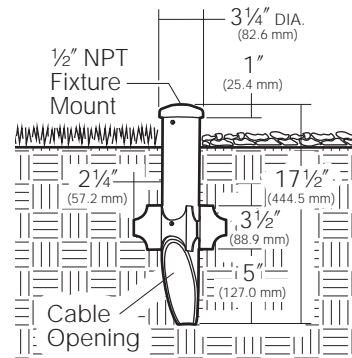
Cat. No.

☐ EP17

☐ No Option

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



Low Voltage Spear Mount

Cat. No.

Finish

☐ KLV400BL

Black

☐ KLV400DB

Dark Bronze

☐ KLV400GR

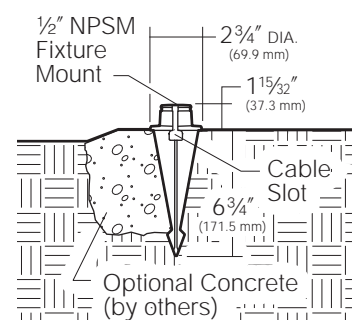
Verde Green

☐ No Option

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

Cat. No.

Finish

☐ KLV405BL

Black

☐ KLV405DB

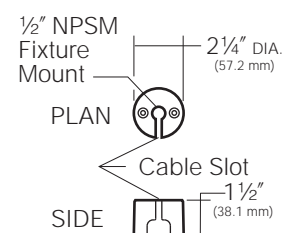
Dark Bronze

☐ KLV405GR

Verde Green

☐ No Option

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

Cat. No.

Finish

☐ KLV415BL

Black

☐ KLV415DB

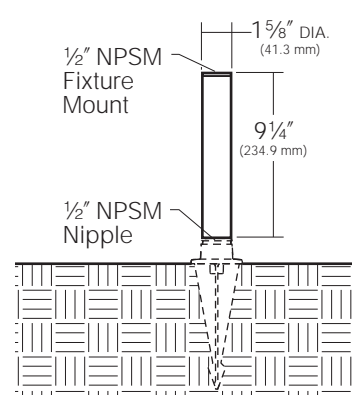
Dark Bronze

☐ KLV415GR

Verde Green

☐ No Option

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.



Type:

Job:

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Mounting Options

Ordered Separately from Fixture

Brass In-grade Architectural Junction Box

Cat. No.

- ☐ JBR-2
☐ JBR-3
☐ JBR-21
☐ JBR-24
☐ No Option

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.

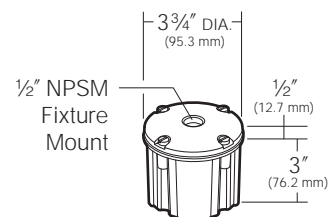
25 Year Limited Warranty:

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.



Brass In-grade Staked Junction Box

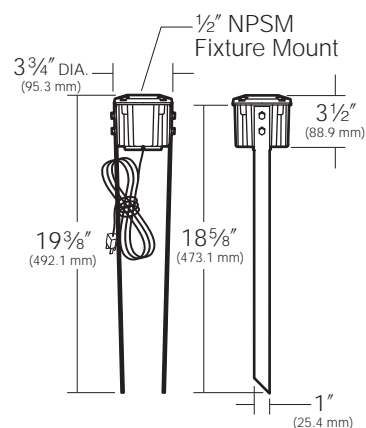
Cat. No.

- ☐ JBR30
☐ No Option

JBR30 BRASS IN-GRADE STAKED 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.

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



Type:

Job:

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Mounting Options

Ordered Separately from Fixture

Stanchion Mount

Cat. No.	Finish
<input type="checkbox"/> SM18/BL	Black
<input type="checkbox"/> SM18/DB	Dark Bronze
<input type="checkbox"/> SM18/GR	Verde Green
<input type="checkbox"/> No Option	

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.

