Landscape Lighting Collection
Accent, Path & In-Grade Lighting
Kim Lighting, a Division of Hubbell Lighting Inc., is founded on a rich history and culture of innovation, born almost 80 years ago from the efforts of a unique individual, F. B. Nightingale.

F. B. Nightingale, born on December 26, 1885, spent his early career studying magic. He performed his act in vaudeville at Madison Square Garden and from there, worked his way to the top of the entertainment field. When the birth of silent films drew crowds away from live performances, Nightingale changed his profession.

Working for General Electric, he spent several years as a top salesman in Asia with GE's International Division. Returning to Los Angeles with the title of Illuminating Engineer, he designed layouts for commercial and industrial facilities throughout the Southwest. Just one year from a pensioned retirement, he was discharged by GE, on the day after Christmas in 1932. At 47 years old, he was about to start his third major career.

After building a lighting studio in Altadena, California, in the foothills of the San Gabriel mountains, he offered the space free of charge to garden clubs, landscape architects, and others to use for buffet parties. During these parties, he would demonstrate how lighting could enhance gardens, fountains and parties. During these parties, he would demonstrate how lighting could enhance gardens, fountains and parties. During these parties, he would demonstrate how lighting could enhance gardens, fountains and parties. During these parties, he would demonstrate how lighting could enhance gardens, fountains and parties.

In response to this very successful selling technique, Nightingale founded Kim Manufacturing Company to make the new brand demanded from prospective customers.

If the client decided to purchase fixtures, Nightingale would mark the installation spots and supervise the work of the electricians. This led to a service called “Parry Lighting by Nightingale,” providing lighting for weddings and Hollywood gatherings with a celebrity client list of such greats as Gene Autry, Clark Gable, Cary Grant, Walt Disney and Ronald Reagan.

In 1952, at the age of 67, F. B. Nightingale retired, selling Kim Manufacturing to his daughter and son-in-law, Nancy and Bill Eppard. They launched a campaign to sell Kim Lighting products through a national network of representatives who called on architects and engineers.

By 1955, Kim Manufacturing had outgrown its small studio and moved to its first plant in Pasadena. The firm had become the leading manufacturer of landscape lighting in the United States. In the 1960s, Kim Lighting pushed landscape lighting below grade with the Wall Light. This innovation drew the eye away from the fixture and towards the beauty of the nighttime landscape.

In 1970, Kim Lighting expanded to a location in City of Industry and brought its innovation to the beauty of the nighttime landscape. In the 1960s, Kim Lighting pushed landscape lighting below grade with the Wall Light. This innovation drew the eye away from the fixture and towards the beauty of the nighttime landscape.

Today, Kim Lighting is known throughout the world as a premier designer and manufacturer of high performance, high quality, architecturally relevant landscape and outdoor lighting, still following the timeless values of innovation, education, and uncompromising quality established by F. B. Nightingale.

As an industry leader, Kim Lighting products are the standard our competitors aspire to. Some lines by Rudyard Kipling have become the company saying: “They copied, and copied, and copied, but they couldn’t copy my mind. So I left them sweating and stealing, a year-and-a-half behind.”

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**Kim Lighting**

Kim Lighting is known throughout the world as the premier designer and manufacturer of quality, high performance, and architecturally relevant outdoor lighting solutions. Kim Lighting is a division of Hubbell Lighting, Inc.
Kim landscape luminaires are engineered to use the latest lamp technology including LED, halogen and compact fluorescent. This assures maximum performance with minimum energy consumption.

New solid-state lighting technology requires advanced heat dissipation, innovative optical control, and rugged luminaire construction to truly realize its promise. Kim Lighting’s LED landscape luminaires exceed these requirements with a full line of durable, multi-voltage high performance solutions designed for a wide variety of landscape applications.

Conventional light-emitting processes involve generating excess heat or exciting gasses to obtain effective light levels. These processes waste significant energy because a huge portion of input electricity is not directed toward producing visible light. LEDs employ a non-toxic chemical interaction generating very little heat. A much higher percentage of the electricity is utilized toward light production, cutting down overall power consumption considerably.

**BRASS AND COPPER**

Designing, manufacturing and finishing copper and brass fixtures is a craft that dates back eight decades at Kim Lighting. Our copper and brass fixtures are constructed of the ultimate materials for corrosion resistance. They are offered in a hand applied verde patina, or unfinished to allow natural aging.

**ALUMINUM**

When brass or copper isn’t in the budget, Kim offers die-cast, low copper alloy (<0.6% Cu), aluminum. Extra heavy wall thickness is engineered into every component for increased strength, and each aluminum fixture receives a powder coat paint finish.

**COMPOSITE MATERIAL**

After years of research, Kim engineers developed a blend of materials to produce a superior composite perfect for an in-ground housing. As with all composite materials, exposure to UV radiation must be minimized. A solid cast brass cover seals the unit and protects the composite material from UV degradation.

**FINISHING**

Kim’s acid etched verde green patina was developed by F.B. Nightingale over seven decades ago. The hand applied verde green patina is an accelerated aging process duplicating the natural verde green that forms on copper and brass after years of exposure to sun and moisture. Like natural verde green patina, Kim verde green patina is not permanent and will undergo considerable change depending on location and environment, wearing away and re-forming naturally depending on humidity levels and the presence of airborne salts.

Kim’s natural, unfinished brass or copper fixtures will rapidly age to a rich bronze color when exposed to humidity in the outdoor environment, and may develop areas of verde green patina matching the same color as our hand applied verde green patina. Aluminum fixtures receive a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat finish. Standard colors include Black (BL), Dark Bronze (DB) and Verde Green (GR). Custom colors available upon request.

**STANDARD FINISHES**

<table>
<thead>
<tr>
<th>Die-Cast Brass</th>
<th>Die-Cast Aluminum</th>
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<tbody>
<tr>
<td>NB</td>
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<td>Verde Green Patina</td>
<td>Black</td>
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<td>Natural Bronze</td>
<td>Dark Bronze</td>
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<tr>
<td>GR</td>
<td>DB</td>
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<td>Verde Green</td>
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The Scarab Series combines integrated design and application flexibility to produce a landscape accent system that meets the broadest range of illumination needs.

**Specifications**

**HOUSING:** Die-cast brass or aluminum body.

**SWIVEL:** Die-cast brass or aluminum with locking teeth and 1/2" solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by 1/4-20 stainless set screw. Clear anodized prior to powder coating for added corrosion resistance.

**LENS FRAME:** Integral die-cast brass or aluminum lens ring and glare shield.

**LENS:** Tempered clear soda lime glass with silicone gasket. Flush with lens frame to promote water runoff when positioned upward.

**FINISH:**
- Die-cast brass or aluminum with Black (BL), Dark Bronze (DB) or Verde Green Patina (VG).
- Solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by 1/4-20 stainless set screw. Clear anodized prior to powder coating for added corrosion resistance.

**GASKETING:** Silicone gaskets throughout.

**DRIVER/OPTICAL SYSTEM:**
- SMD LED emitters.
- Precision optical prism to produce a narrow flood pattern. The -40°C driver is within the module and connected to lens ring and glare shield.

**LENS FRAME:**
- Die-cast brass or aluminum body. No. 18-2 12V cable with spade connector for low voltage cable system connection.

**SWIVEL:** Horizontal rotation independent of the threaded mount. Swivel locked by 1/4-20 stainless set screw. Clear anodized prior to powder coating for added corrosion resistance.

**FASTENERS:** Stainless steel.

**OPTICAL SYSTEM:**
- High performance acrylic optic securely attached to internal heat sink for maximum thermal dissipation.

**DRIVER:** Universal Voltage from 120 to 277V, ±10% tolerance and -40°F starting temperature. All drivers are Underwriters Laboratories recognized.

**FINISH:**
- Die-cast brass in Natural (NB) or Verde Green Patina (VG), Die-cast aluminum in Black (BL), Dark Bronze (DB) or Verde Green (GR).

**CERTIFICATION:**
- UL Listed to U.S. and Canadian safety standards for wet locations.
- Luminaires. LEDs and drivers are RoHS compliant.
- Products and CAN/CSA C22.2 No. 250.0-08 Emitting Diode (LED) Equipment for use in Lighting Luminaires - UL 8750 Standard for Safety for LED

**NOTES:**
- Remote transformer required, purchased separately.
- Not for use with Photometrics.
- For EL700/12L.
- For EL700/7L.
- For EL700/9L. *Finishes may vary. Reference standard lens ringed fixture. See pg. 29-31 for Mounting Accessories.

**ORDERING EXAMPLE**

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<td>DB</td>
<td>AGST1</td>
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For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
**Micro-Flood**

**Specifications**

**HOUSING AND LENS FRAME:** Die-cast low copper alloy aluminum.

**SWIVEL:** Die-cast aluminum with locking teeth and 1/2” solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Clear anodized prior to powder coating for added corrosion resistance.

**GASKETING:** Silicone gaskets throughout.

**FASTENERS:** Stainless steel.

**WIRING:** (KLV217) 4 No. 18-2 12V cable with spade connectors for low voltage cable system connection. (EL218) No. 18AWG rated 105°C.

**LENS:** (KLV217) Clear flat tempered glass.

**OPTICAL SYSTEM:** (KLV217) A total of 3 LED emitters configured in a rectangular array comprised together as a module. (EL218) A total of 8 LED emitters configured in a rectangular array comprised together as a module. High performance acrylic optic securely attached to internal heat sink for maximum thermal dissipation. Available in 3000K, 4000K and 5000K.

**DRIVER:** (KLV217) Constant current electronic driver, 12V input. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized. Drivers are specified in a table with options for various configurations.

**FINISH:** Black (BL), Dark Bronze (DB), Verde Green (GR).

**CERTIFICATION:** UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CAN/CSA C22.2 No. 215.0 - 08 Luminaires. LEDs and drivers are RoHS compliant.

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** Ordering Example **

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<th>WATTS</th>
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**Die-Cast Aluminum**

- **1 FIGURE**
- **3 SOURCE**
- **3 VOLTS**
- **3 WATTS**
- **3 FINISH**

**Options**

- BD215
- FHL215

**Notes:**

- Remote transformer required, purchased separately.
- *Specify finish: BL, DB, GR*

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**Bell Wall**

**Specifications**

**HOUSING AND LENS FRAME:** Die-cast brass or aluminum frame attaches to housing with four captive 1/4-20 stainless steel slotted cap screws.

**GASKETING:** Silicone gaskets throughout.

**ARM:** Cast brass or aluminum. Head is independently rotatable 360º vertically from top dead center. Head may be positioned straight up. Set screw provided for locking position.

**WALL PLATE:** Die-cast brass or aluminum. Attaches to stainless steel plate for mounting to any standard electrical outlet box. Internal set screw provided for locking position.

**LENS:** Tempered clear soda lime glass.

**WIRING:** (KLV57, KLV52) No. 18AWG rated 105°C. (KLV57, KLV52) 120 to 277V Universal Voltage, 12V input. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.

**OPTICAL SYSTEM:** A total of 3 or 9 LED emitters configured in a rectangular array comprised together as a module. Available in 3000K, 4000K and 5000K.

**DRIVER:** (KLV57, KLV52) Constant current electronic driver, 12V input. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.

**FINISH:** Black (BL), Dark Bronze (DB), Verde Green (GR), Verdigris Patina (VG). Die-cast aluminum. in Black (BL), Dark Bronze (DB), Verde Green (GR), Verdigris Patina (VG).

**WALL PLATE:** Die-Cast Brass

**NOTES:**

- Remote transformer required, purchased separately.
- *Inserts behind lens into existing lens gasket. See pg 29-31 for Mounting Accessories.*

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<th>MODEL</th>
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<td>3L 3K 4K or 5K</td>
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<td>1.9W</td>
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**Specifications**

**HOUSING AND LENS FRAME:** Die-cast brass or aluminum frame attaches to housing with four captive 1/4-20 stainless steel slotted cap screws.

**GASKETING:** Silicone gaskets throughout.

**ARM:** Cast brass or aluminum. Head is independently rotatable 360º vertically from top dead center. Head may be positioned straight up. Set screw provided for locking position.

**WALL PLATE:** Die-cast brass or aluminum. Attaches to stainless steel plate for mounting to any standard electrical outlet box. Internal set screw provided for locking position.

**LENS:** Tempered clear soda lime glass.

**WIRING:** (KLV57, KLV52) No. 18AWG rated 105°C. (KLV57, KLV52) 120 to 277V Universal Voltage, 12V input. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.

**OPTICAL SYSTEM:** A total of 3 or 9 LED emitters configured in a rectangular array comprised together as a module. Available in 3000K, 4000K and 5000K.

**DRIVER:** (KLV57, KLV52) Constant current electronic driver, 12V input. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.

**FINISH:** Black (BL), Dark Bronze (DB), Verde Green (GR), Verdigris Patina (VG). Die-cast aluminum. in Black (BL), Dark Bronze (DB), Verde Green (GR), Verdigris Patina (VG).

**WALL PLATE:** Die-Cast Brass

**NOTES:**

- Remote transformer required, purchased separately.
- *Inserts behind lens into existing lens gasket. See pg 29-31 for Mounting Accessories.*

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<td>3L 3K 4K or 5K</td>
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<td>1.5W</td>
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</tbody>
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**Specifications**

**HOUSING AND LENS FRAME:** Die-cast brass or aluminum frame attaches to housing with four captive 1/4-20 stainless steel slotted cap screws.

**GASKETING:** Silicone gaskets throughout.

**ARM:** Cast brass or aluminum. Head is independently rotatable 360º vertically from top dead center. Head may be positioned straight up. Set screw provided for locking position.

**WALL PLATE:** Die-cast brass or aluminum. Attaches to stainless steel plate for mounting to any standard electrical outlet box. Internal set screw provided for locking position.

**LENS:** Tempered clear soda lime glass.

**WIRING:** (KLV57, KLV52) No. 18AWG rated 105°C. (KLV57, KLV52) 120 to 277V Universal Voltage, 12V input. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.

**OPTICAL SYSTEM:** A total of 3 or 9 LED emitters configured in a rectangular array comprised together as a module. Available in 3000K, 4000K and 5000K.

**DRIVER:** (KLV57, KLV52) Constant current electronic driver, 12V input. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.

**FINISH:** Black (BL), Dark Bronze (DB), Verde Green (GR), Verdigris Patina (VG). Die-cast aluminum. in Black (BL), Dark Bronze (DB), Verde Green (GR), Verdigris Patina (VG).

**WALL PLATE:** Die-Cast Brass

**NOTES:**

- Remote transformer required, purchased separately.
- *Inserts behind lens into existing lens gasket. See pg 29-31 for Mounting Accessories.*

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<td>AN52</td>
<td>3L 3K 4K or 5K</td>
<td>12V</td>
<td>1.5W</td>
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</table>
Specifications

**Housings & Yoke:** Die-cast brass or aluminum, with stainless steel fasteners and stainless steel set screw lock for aiming pivot and 1/2” NPSM brass nipple mount.

**Aiming:** Ample 358° vertically, horizontal aiming controlled by installation on a mounting device.

**Lens:** Tempered glass, 1/8” nominal thickness.

**Gasketing:** Silicone gaskets used throughout.

**Transformer:** (KLV176, KLV171) Remote low voltage transformer required. (BNL176, ELL171) 120 to 12V 20 watt electronic stepdown transformer, enclosed and gasketed in yoke base.

**Wiring:** (6’ No. 18-2 12V cable with spade connectors for low voltage cable system connection.

**Driver/Optical System:** 3 LED emitters configured in a triangular array comprised together as a module. Each LED is encapsulated under a precision optical prism to produce a narrow flood pattern. The -40°C driver is within the module and operates on 12V AC or DC current, 10 watt. (0.8 amp, for 12V, 0.08 amp for 120V).

**Finish:** Die-cast brass in Natural (NB) or Verde Green Patina (VG). Die-cast aluminum, in Black (BL), Dark Bronze (DB) or Verde Green (GR).

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

**Ordering Example**

- **Source**: Source
- **Volts**: Volts
- **Finish**: Finish

** powder coated in a Black finish.**

For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
Round Hood

The Bullet has a unique swivel mount that provides superior aiming without loosening over time and is constructed out of die-cast aluminum with powder coat paint finish for excellent value and rugged service.

Specifications

**HOUSING:** Die-cast low copper aluminum.

**COMPRESSION RING:** Die-cast aluminum threaded to body, with silicone gasket. Black anodized finish.

**SWIVEL:** Die-cast aluminum with locking teeth and 1/2" solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by 1/4-20 stainless set screw. Clear anodized prior to powder coating for added corrosion resistance.

**LENS:** Tempered glass with silicone gasket. Wiring: 6' No. 18-2 12V cable with fork connectors.

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

**FINISH:** Black (BL), Dark Bronze (DB) or Verde Green (GR).

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

**ORDERING EXAMPLE**

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Square Hood

The Square Hood Series has a unique swivel mount that provides superior aiming without loosening over time and is constructed out of die-cast aluminum with powder coat paint finish for excellent value and rugged service.

Specifications

**HOUSING:** Die-cast low copper aluminum.

**SWIVEL:** Die-cast aluminum with locking teeth and 1/2" solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by 1/4-20 stainless set screw. Clear anodized prior to powder coating for added corrosion resistance.

**LENS:** Convex clear tempered glass with silicone gasket.

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

**FINISH:** Black (BL), Dark Bronze (DB) or Verde Green (GR).

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

**ORDERING EXAMPLE**

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For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
Traditional

Specifications

**HOOD:** Spun copper or low copper alloy aluminum with die-cast aluminum reflector and hinge assembly.

**FINISH:** Available in three styles: Pagoda, Cone, and Mushroom.

**Husk:** Die-cast brass or low copper alloy aluminum with stainless steel hinge / latch assembly.

**GLOBE:** Fluted glass.

**STEM:** Schedule 40 red brass or aluminum pipe with 1/2" NPT at bottom plus solid brass locknut for secure mounting.

**DRIVER:** Constant current electronic driver, 12V input, +/−10% tolerance. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.

**OPTICAL SYSTEM:** A total of 3 LED emitters configured in a rectangular array comprised together as a module. Available in 3000K, 4200K, and 5100K.

**OPTICAL SYSTEM:** For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.

**KEY:** NB = Natural Brass, VG = Verde Green Patina

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</table>

For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
Step Light

Specifications

HOUSING: Die-cast low copper alloy (<0.6% Cu) aluminum with clear anodized finish. Two 1/2” NPT in sides. Housing mounts into concrete, brick, or masonry (non-combustible materials). Internal splice area provided behind lamp glass.

LENS FRAME: Die-cast aluminum, with silicone gasket, attaches to housing with two captive 10-32 stainless steel hex socket cap screws.

LENS: Tempered prismatic glass with silicone gasket, concealed above lens frame opening.

OPTICAL SYSTEM: A total of 3 or 9 LED emitters are configured together as a module. Available in 3000K, 4200K and 5100K.

DRIVER: (KLV817) Constant current electronic driver. Available in 12V input. -40°F starting temperature. (EL817) Universal Voltage from 120 to 277V with a ±10% tolerance. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.

FINISH: Black (BL), Dark Bronze (DB) or Verde Green (GR).

CERTIFICATION: The fixture is listed with ETL for outdoor wet location use. Conforms to UL 1598, 8750 and Canadian CSA Std. C22.2 No. 250.0.

ORDERING EXAMPLE

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For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.

Step Light

Specifications

HOUSING: Die-cast low copper alloy (<0.6% Cu) aluminum with clear anodized finish. Two 1/2” NPT in sides. Housing mounts into concrete, brick, or masonry (non-combustible materials). Internal splice area provided behind lamp glass.

LENS FRAME: Die-cast aluminum, with silicone gasket, attaches to housing with two captive 10-32 stainless steel hex socket cap screws.

LENS: Tempered prismatic glass with silicone gasket, concealed above lens frame opening.

OPTICAL SYSTEM: A total of 3 or 9 LED emitters are configured together as a module. Available in 3000K, 4200K and 5100K.

DRIVER: (KLV807) Constant current electronic driver. Available in 12V input. -40°F starting temperature. (EL807) Universal Voltage from 120 to 277V with a ±10% tolerance.

FINISH: Black (BL), Dark Bronze (DB) or Verde Green (GR).

CERTIFICATION: The fixture is listed with ETL for outdoor wet location use. Conforms to UL 1598, 8750 and Canadian CSA Std. C22.2 No. 250.0.

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</table>

For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
Bell Stem

Specifications
HOUSING AND LENS FRAME: Die-cast brass or aluminum. Frame attaches to housing with four captive 1/4-20 stainless steel slotted cap screws.
LENS: Tampered clear soda lime glass, flush with lens frame.
ARM: Cast brass or aluminum. Head is independently rotatable 300° vertically from top dead center. Set screw provided for locking position.
STEM: 1/2" schedule 40 aluminum or brass pipe with a 1/2" NPT at bottom. Solid brass lacquered for mounting.
GASKETING: Silicone gaskets throughout.
WIRING: (KLV162, KLV167) 3 No. 18-2 cable with splice connectors for low voltage cable system connection (EL167 BN167) No. 18AWG max 100°C.
OPTICAL SYSTEM: A total of 3 or 9 LED emitters configured in a rectangular array comprised together as a module. Available in 3000K, 4000K and 5000K.
DRIVER: (KLV167 KLV162) Constant current electronic driver, 12V input, -40°C starting temperature. BN167 EL167) 120 to 277V Universal/Voltage, ±1% tolerance, -40°C starting temperature. All drivers are Underwriters Laboratories recognized.
FINISH: Die-cast brass in Natural (NB) or Verde Green Patina (VG). Die-cast aluminum, in Black (BL), Dark Bronze (DB) or Verde Green (GR).
CERTIFICATION: The fixture is listed with ETL for outdoor wet location use. Conforms to UL 1598, Canadian CSA Std. C22.2 No. 250.0.

The Bell classic landscape illuminator is a slim fixture featuring a rotatable head that can be easily adjusted upward or downward for maximum versatility.

Die-Cast Brass

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>1 SOURCE</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLV167</td>
<td>3L 3K, 4K or 5K</td>
<td>12V</td>
<td>1.5W</td>
<td>NB Natural Brass</td>
</tr>
<tr>
<td>BN167</td>
<td>3L 3K, 4K or 5K</td>
<td>12V</td>
<td>1.5W</td>
<td>VG Verde Green Patina</td>
</tr>
<tr>
<td>9L 3K, 4K or 5K</td>
<td>12V</td>
<td>4.5W</td>
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Die-Cast Aluminum

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>1 SOURCE</th>
<th>VOLTS</th>
<th>WATTS</th>
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</tr>
</thead>
<tbody>
<tr>
<td>EL167</td>
<td>3L 3K, 4K or 5K</td>
<td>12V</td>
<td>1.5W</td>
<td>BL Black</td>
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<tr>
<td>DB Dark Bronze</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>GR Verde Green</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4 OPTIONS (For Brass and Aluminum fixtures)

SL72 Spread Lens
PL72 Prismatic Lens

NOTES: Remote transformer required, purchased separately. 1 Tuces to behind lens into existing lens gasket. See pg. 29-31 for Mounting Accessories.

ORDERING EXAMPLE

<table>
<thead>
<tr>
<th>FIXTURE SOURCE</th>
<th>FINISH OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BN167</td>
<td>BL / DB / EL175</td>
</tr>
<tr>
<td>3L / 9L / 12L</td>
<td>NPT</td>
</tr>
</tbody>
</table>

For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.

Sign/Wall Lighter

Specifications

HOUSING: One-piece extruded aluminum with die-cast aluminum ends.
SWIVELS: Two, die-cast aluminum, with locking teeth and 1/2" solid brass NPT mount. Swivel locked by 1/4-20 stainless set screw. Clear anodized prior to powder coating for added corrosion resistance.
LENS: Defaced flat acrylic, fully gasketed, retained by a concealed extruded aluminum rail with recessed captive allen-head fasteners.
WIRING: Factory prewired with No. IBAMW rated 105°C, leads extended from swivel base.

ELECTRONIC MODULE: All electrical components are UL and CSA recognized, attaches to housing with stainless steel hardware, accessible by removing the rail and lens. Driver is rated for -40°F starting and has a 0-10V dimming interface with a dimming range of 10-100%. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming leads.

OPTICAL MODULE: Each precision, replaceable PicoPrism is positioned to aim directly out the lens toward the task. The entire optical system fastens to the housing as a one-piece module.

REFLECTOR: Specular Alzak® on fluorescent only.
BALLAST: Electronic ballast 0°F starting. Variable voltage 120 thru 277V for fluorescent.

FINISH: Black (BL), Dark Bronze (DB) or Verde Green (GR).

CERTIFICATION: The fixture is listed with ETL for outdoor wet location use. Conforms to UL 1598, 8750 and Canadian CSA Std. C22.2 No. 250.0.

ORDERING EXAMPLE

<table>
<thead>
<tr>
<th>FIXTURE LAMP FINISH OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>4348 31547T-10 DB 796480b</td>
</tr>
</tbody>
</table>

For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
Spun Copper Bullet

Features:
- Copper housing and brass swivel
- Long life and natural weathering
- Unique swivel mount provides superior aiming without loosening over time

Specifications:
- HOUSE AND SHIELD: Spun copper with cast brass clamping rings and swivel base
- SWIVEL: Cast brass with set screw lock and 1/2" NPT plus solid brass locknut for mounting
- OPTICAL SYSTEM: High Performance acrylic lens optically secured to internal heat sink for maximum thermal dissipation
- GASKETING: Silicone gaskets throughout
- FASTENERS: Stainless steel
- WIRING: No. 18 AWG rated 105º C
- DRIVER: Universal Voltage from 120 to 277V with ±10% tolerance, -40ºF starting temperature. All drivers are Underwriters Laboratories recognized
- LENS: Convex clear tempered glass for Incandescent/Halogen
- SOCKET: Porcelain medium base for Incandescent/Halogen
- FINISH: Natural copper and bronze. Will rapidly age to a deep rich bronze color and may develop areas of patina
- 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.

C54 Well Light

Specifications:
- HOUSE: Spun copper housing with brass clamping ring, prewired cord through brass seal
- OPTICAL SYSTEM: High Performance acrylic lens optically secured to internal heat sink for maximum thermal dissipation
- WELL: 9" diameter x 14-3/4" depth direct burial PVC pipe
- LOUVER: Cast aluminum finished black with polished edges, secured to well with socket head set screws. Sizes allow light, drainage, and also prohibit litter from collecting in the well. However, the C54 is not recommended for pedestrian or walkover traffic
- GASKETING: Silicone gaskets throughout
- FASTENERS: Stainless steel
- DRIVER: Universal Voltage from 120 to 277V with ±10% tolerance, -40ºF starting temperature. All drivers are Underwriters Laboratories recognized
- LENS: Convex clear tempered glass for Incandescent/Halogen
- SOCKET: Porcelain medium base for Incandescent/Halogen
- JUNCTION BOX: ABS plastic, 3/4" conduit entry with 3/4" to 1/2" bushing, a brass cover, a rigid conduit, a brass seal for fixture cord, four 3/4" NPT conduit entries in sides, and two 3/4" NPT conduit entry in bottom. 21 cu. in. volume
- 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.

For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
Minivault incorporates more than 50 years of in-grade experience into every luminaire. A commitment to produce the most durable product possible is the core of the series.

### Specifications

**LUNGS**: Die-cast brass, natural finish. Five captive 1/8" blackened, stainless steel hex-socket cap screws.

**LINES**: Clear tempered soda lime, 3/16" thick, flush with lens ring, slightly crowned.

**LINES**: One-piece molded silicone, U-channel wraps completely around lens flange.

**HOUSING**: Heavy wall die-cast brass.

**INTEGRAL JUNCTION BOX**: (LTV767, LTV768) Die-cast brass with stainless flat head slotted screws and molded silicone gasket. Die-cast internal junction box cover with silicone gasket and anti-siphon plug. Two 1/2" NPT taps in bottom, 1/2" in volume.

**OCTAGONAL SYSTEM**: A total of 1, 3 or 9 LED emitters configured in a circular array, mounted on yoke providing ±15° vertical adjustment and 340° rotation, locking screws. Available in 3000K, 4200K and 5100K.

**DRIVER**: Constant current electronic driver. Available in 12V input. 40°F starting temperature. (LTV767) Electronic driver. Available in 120V input. 0°F starting temperature. (LTV768) Universal Voltage from 120V-277V with a ±10% tolerance.


**CABLE**: 6': 18-2 12V cable with fork connector, sealed entry into body with anti-siphon plug.

**CERTIFICATION**: The fixture is listed with ETL for outdoor wet location use. Conforms to UL 1998, 8750 and Canadian CSA Std. C22.2 No. 250.0.

**ORDERING EXAMPLE**

- **FIXTURE**: LTV765WF
- **SOURCE**: SL73:
  - **LENS**: Spread Lens, Prismatic
  - **HALF SHIELD LENS RING**: SS60-
  - **FINISH**: SS60

For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
**Flat Frame**

**Specifications**

**HOUSING:** Pour box, rough-in housing for installation below grade. Housing supplied with protective aluminum debris shield mask. Ships separately and as a quick-ship item if requested.

**COMPONENT MODULE:** One-piece, impregnated cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, IP67 sealed cable extends from the Component Module to the splice box from inside the housing.

**FACE TRIM:** One-piece cast brass lens ring fastened to the Component Module from the underside shall provide a flat surface.

**OPTICAL MODULES:** Spot (SP), Narrow Flood (NF), and Wall Wash (WW). Three optical systems are adjustable without the removal of the module utilizing a Bluetooth enabled motor assembly.

**BLUETOOTH:** Integral Bluetooth module used to adjust optics 15° in any direction and dim fixture to desired setting when paired with Kim LTBV Remote App via cellular/tablet device. Remote App downloadable via the internet at Apple App Store or Google Play.

**LENS:** Cast 5/16" thick tempered glass lens and silicone gasket is retained securely within the Component Housing.

**ELECTRICAL EQUIPMENT:** All electronic components are UL and CSA recognized. Remote App via cellular/tablet device, Remote App downloadable via the internet at Apple App Store or Google Play.

**OPTICAL SYSTEMS:**

- **SR:** Slip-Resistant Lens
- **PL:** Prismatic Lens
- **RCBA1:** Rotor Cage Anchor
- **RCBA3:** Rotor Cage Anchor

**NOTES:**

- Replaces the standard glass lens. Spot or Narrow Flood only. Works best with Spot optics. Not recommended for Wall Wash. For LTV81. For LTV82. For LTV83.

**FOR PHOTOMETRICS, COMPREHENSIVE SPECIFICATION DATA AND WARRANTY, LOG ONTO WWW.KILIGHTING.COM**

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**Stainless Steel**

**Specifications**

**HOUSING:** Pour box, rough-in housing for installation below grade. Housing supplied with protective aluminum debris shield mask. Ships separately and as a quick-ship item if requested.

**COMPONENT MODULE:** One-piece, impregnated cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, IP67 sealed cable extends from the Component Module to the splice box from inside the housing.

**FACE TRIM:** One-piece cast brass lens ring fastened to the Component Module from the underside shall provide a flat surface.

**OPTICAL MODULES:** Spot (SP), Narrow Flood (NF), and Wall Wash (WW). Three optical systems are adjustable without the removal of the module utilizing a Bluetooth enabled motor assembly.

**BLUETOOTH:** Integral Bluetooth module used to adjust optics 15° in any direction and to dim fixture to a desired setting when paired with Kim LTBV Remote App via cellular/tablet device, Remote App downloadable via the internet at Apple App Store or Google Play.

**LENS:** Cast 5/16" thick tempered glass lens and silicone gasket is retained securely within the Component Housing.

**ELECTRICAL EQUIPMENT:** All electronic components are UL and CSA recognized.

**DRIVE-OVER DURABILITY:** When installed in concrete, fixture will withstand drive-over by vehicles weighing up to 1,500 lb.

**CERTIFICATION:** (UL1598, UL8750).

**ORDERING EXAMPLE**

**FIXTURE**

**SOURCE**

**OM**

---

**LTV8155**

**SP**

**36L 3K, 5K or 5K UV**

**NB**

**WW**

**NF**

**LTV8155**

**SP**

**12L 3K, 5K or 5K UV**

**NB**

**WW**

**NF**

**LTV8155**

**SP**

**6L 3K, 5K or 5K UV**

**NB**

**WW**

**NF**

**LTV8155**

**SP**

**36L 3K, 5K or 5K UV**

**NB**

**WW**

**NF**

**LTV8155**

**SP**

**12L 3K, 5K or 5K UV**

**NB**

**WW**

**NF**

**LTV8155**

**SP**

**6L 3K, 5K or 5K UV**

**NB**

**WW**

**NF**

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**FOR PHOTOMETRICS, COMPREHENSIVE SPECIFICATION DATA AND WARRANTY, LOG ONTO WWW.KILIGHTING.COM FOR MORE DETAILED INFORMATION.**

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For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com for more detailed information.
**Rock Guard**

**Specifications**

**HOUSING**: Poor box, rough-in housing for installation below grade. Housing supplied with a protective aluminum debris shield mask. Ships separately and as a quick ship item if requested.

**COMPONENT MODULE**: One-piece, impregnated cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, IP67 sealed cable extends from the Component Module to the splice box from inside the housing.

**FACE TRIM**: One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides a raised rib pattern away from the glass lens as a deterrent to vandalism.

**OPTICAL MODULES**: Spot (SP), Narrow Flood (NF), and Wallwash (WW). Three optical systems are adjustable without the removal of the module by utilizing a Bluetooth enabled motor assembly.

**BLUETOOTH**: Integral Bluetooth module is used to adjust optics 15° in any direction and to dim fixture to a desired setting when paired with the Kim LTV8 Remote App via cellular/tablet device.

**LENS**: Clear 5/16” thick tempered glass lens and silicone gasket is retained securely within the Component Housing.

**ELECTRICAL EQUIPMENT**: All electronic components are UL and CSA recognized.

**CERTIFICATION**: (UL1598, UL8750), U.S. Patents Pending. Refer to Specification Sheet at www.kimlighting.com for more detailed information.

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**Half Shield**

**Specifications**

**HOUSING**: Poor box, rough-in housing for installation below grade. Housing supplied with protective aluminum debris shield mask. Ships separately and as a quick ship item if requested.

**COMPONENT MODULE**: One-piece, impregnated cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, IP67 sealed cable extends from the Component Module to the splice box from inside the housing.

**FACE TRIM**: One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side, along walkways and paths.

**OPTICAL MODULES**: Spot (SP), Narrow Flood (NF), and Wallwash (WW). Three optical systems are adjustable without the removal of the module by utilizing a Bluetooth enabled motor assembly.

**BLUETOOTH**: Integral Bluetooth module is used to adjust optics 15° in any direction and to dim fixture to a desired setting when paired with the Kim LTV8 Remote App via cellular/tablet device.

**LENS**: Clear 5/16” thick tempered glass lens and silicone gasket is retained securely within the Component Housing.

**ELECTRICAL EQUIPMENT**: All electronic components are UL and CSA recognized.

**CERTIFICATION**: (UL1598, UL8750), U.S. Patents Pending. Refer to Specification Sheet at www.kimlighting.com for more detailed information.
**Eye Ball**

**Specifications**

**HOUSING:** Porous box, rough-in housing for installation below grade. Housing supplied with protective aluminum debris shield mask. Ships separately and as a quick ship item if requested.

**COMPONENT MODULE:** One-piece, impregnated cast brass, fully sealed component module is secured to the face trims from the underside. A high temperature, IP67 sealed cable extends from the Component Module to the splice box from inside the housing.

**FACE TRIM:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.

**OPTICAL MODULES:** Spot (SP), Narrow Flood (NF), and Wash (WW). These optical systems are adjustable without the removal of the module by utilizing a Bluetooth enabled motor assembly.

**BLUETOOTH:** Integral Bluetooth module used to adjust optics 15° in any direction and dim fixture to a desired setting when paired with the Kim LIGHTING Remote App via cellular/tablet device. Remote App downloadable via the internet at Apple App Store or Google Play.

**LENS:** Clear 3/16” thick tempered glass lens and silicone gasket is retained securely within the Component Housing.

**ELECTRICAL EQUIPMENT:** All electronic components are UL and CSA recognized.

**CERTIFICATION:** (UL1598, UL8750), L.E. Patents Pending. Refer to Specification Sheet at www.kimlighting.com for more detailed information.

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**Directional Marker**

**Specifications**

**HOUSING:** Porous box, rough-in housing for installation below grade. Housing supplied with a protective aluminum debris shield mask. Ships separately and as a quick ship item if requested.

**COMPONENT MODULE:** One-piece, impregnated cast brass, fully sealed component module is secured to the face trims from the underside. A high temperature, IP67 sealed cable extends from the Component Module to the splice box from inside the housing. A quick ship item if requested.

**OPTICAL MODULES:** Spot (SP), Narrow Flood (NF), and Wall Wash (WW). Three optical systems are provided.

**COMPONENT MODULE:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.

**FACE TRIM:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.

**OPTICAL MODULES:** Spot (SP), Narrow Flood (NF), and Wash (WW). These optical systems are adjustable without the removal of the module by utilizing a Bluetooth enabled motor assembly.

**COMPONENT MODULE:** One-piece, impregnated cast brass, fully sealed component module is secured to the face trims from the underside. A high temperature, IP67 sealed cable extends from the Component Module to the splice box from inside the housing.

**FACE TRIM:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.

**OPTICAL MODULES:** Spot (SP), Narrow Flood (NF), and Wash (WW). These optical systems are adjustable without the removal of the module by utilizing a Bluetooth enabled motor assembly.

**COMPONENT MODULE:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.

**FACE TRIM:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.

**OPTICAL MODULES:** Spot (SP), Narrow Flood (NF), and Wall Wash (WW). Three optical systems are provided.

**COMPONENT MODULE:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.

**FACE TRIM:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.

**OPTICAL MODULES:** Spot (SP), Narrow Flood (NF), and Wash (WW). These optical systems are adjustable without the removal of the module by utilizing a Bluetooth enabled motor assembly.

**COMPONENT MODULE:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.

**FACE TRIM:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.

**OPTICAL MODULES:** Spot (SP), Narrow Flood (NF), and Wall Wash (WW). Three optical systems are provided.

**COMPONENT MODULE:** One-piece, cast brass, lens ring is fastened to the Component Module from the underside and provides glare control from the back side along walkways and paths.
The Traditional Floral Path Light is perfect for garden paths and is a classic Kim Lighting landscape luminaire combining copper and brass materials. Designed to withstand rugged environments.

**Specifications**

**HOOD:** Spun copper.

**HUSK:** Cast Brass

**STEM:** 5' Schedule 40 red brass pipe with ½" NPT stainless steel bushing at bottom for mounting.

**SOCKET:** Porcelain medium base with silicone lamp gasket

**SOCKET:** 50 watt A-19 Incandescent (KLV10, BN10) Acid etched verde green patina. (KLV12, BR12) Natural copper.

**FINISH:** Verde Patina

**WIRING:** Lamp gasket

**SOURCE:** Natural Halogen CFL, FL, HID, Incandescent

**ORDERING EXAMPLE**

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>BN10</th>
<th>KLV10</th>
<th>KLV12</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINISH</td>
<td>Verde Patina</td>
<td>Natural</td>
<td>Natural</td>
</tr>
</tbody>
</table>

**NOTES:** Remote transformer required, purchased separately.

See pg 29-31 for Mounting Accessories.

**ABOVE-GRADE TRANSFORMER:** 120V input, epoxy-encapsulated, stainless steel weatherproof compartment. Multi-up 12 through 15V output. 7 to 25 amp magnetic circuit breaker(s) per circuit, 30 amp terminal board, 85 amp heavy duty terminal block, or 85 amp euro-style terminal board. 5' or 10’-18 gauge line cord with ground plug. 1/2” knockout on side for hardwiring or accessory mounting. Securable captive door or panel.

Cat. No. KLV600 (200W) KLV605 (300W)

**USED WITH 12V:** Micro-Flood, Scarab, Bell Wall, Ravenna, Bell Stem, Traditional, Step Light, Traditional Floral, Minivault

**BELOW-GRADE TRANSFORMER:** 120V or 277V input, epoxy-encapsulated, stainless steel burial enclosure with watertight fittings and hardware. Multi-up 12 through 15V output. 1/2” knockout on side for hardwiring or accessory mounting. Securable captive door or panel.

Cat. No. KLV640 (200W) (1) circuit, 120V

**USED WITH 12V:** Micro-Flood, Scarab, Bell Wall, Ravenna, Bell Stem, Traditional, Step Light, Traditional Floral, Minivault

**PHOTOCELL:** Add to transformer for on/off control. May be used with time clock accessory. Button type photocell encased in a plastic enclosure with 1/2" NPT, female, and washer for mounting, direct to enclosure, or remote mount. The cord is provided with a quick-disconnect for ease of installation. Remote mount has a 10’ cord.

Cat. No. KLVPC1: Direct Mount

Cat. No. KLVPC2: Remote Mount

**USED WITH 12V:** Micro-Flood, Scarab, Bell Wall, Ravenna, Bell Stem, Traditional, Step Light, Traditional Floral, Minivault

**TIME CLOCK:** Plug into transformer for timed control for on/off function. May be used with photocell control. 24-hour time clock is plug-in type with captive trippers. The programming has a resolution of 15 minutes with a manual override.

Cat. No. KLVTC24

**USED WITH 12V:** Micro-Flood, Bell Wall, Ravenna, Bell Stem, Traditional, Step Light, Traditional Floral, Minivault

**CABLE:** Copper stranded, black, UL recognized.

Cat. No. KLV427: #8-2 12V Cable

Cat. No. KLV432: #12-2 12V Cable

**USED WITH 12V:** Micro-Flood, Scarab, Bell Wall, Ravenna, Bell Stem, Traditional, Step Light, Traditional Floral, Minivault

**SEALED CONNECTOR:** Two-piece connector injection molded in black. Valox®, with stainless steel piercing screws. Sealed and waterproofed with dielectric mastic provided.

Cat. No. KLV410

**USED WITH 12V:** Micro-Flood, Scarab, Bell Wall, Ravenna, Bell Stem, Traditional, Step Light, Traditional Floral, Compact Bollard, Minivault

25-50 watt A-19 (12V) Incandescent

For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
LED & 12/120V Lamp Cross Reference

<table>
<thead>
<tr>
<th>Product</th>
<th>Brass Fixture</th>
<th>Aluminum Fixture</th>
<th>Optic</th>
<th>Current</th>
<th>LED’s</th>
<th>CCT</th>
<th>Watt</th>
<th>Lumens</th>
<th>CBCP</th>
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<tr>
<td>Scarb <strong>KLV176, KLV171</strong></td>
<td>Fixed</td>
<td>3000</td>
<td>30</td>
<td>1844</td>
<td>1874</td>
<td>10°</td>
<td>100W</td>
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<td>5100</td>
</tr>
<tr>
<td>Bell <strong>KLV167, BN167</strong></td>
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<td>3000</td>
<td>10</td>
<td>1844</td>
<td>1874</td>
<td>10°</td>
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<td>1800</td>
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<td>Ravenna <strong>KLV176, BN176</strong></td>
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<td>3000</td>
<td>10</td>
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<td>1874</td>
<td>10°</td>
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<td>Accent <strong>KLV206</strong></td>
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<td>100W</td>
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<td>10°</td>
<td>100W</td>
<td>1800</td>
<td>5100</td>
</tr>
</tbody>
</table>

Landscape Lighting Collection

### UPLIGHTING FIXTURES FOR DIRECTIONAL VIEWING
Above-grade accent lights are the choice when the lighted object can be viewed from one direction only. To prevent direct glare, fixtures are aimed away from observers and placed behind shrubs to keep a natural looking landscape.

### RECOMMENDED DOWNINGLIGHTING FIXTURES
For outdoor activity areas, fixtures placed above eye level provide efficient lighting for safety and security. Overlapping light patterns will soften shadows for better uniformity. Mount fixtures to patios, facades, eaves, or trees.

![Bell Wall – See pg. 7](image)

### RECOMMENDED MOONLIGHTING FIXTURES
Up and down lighting is used to create effect of moonlight through trees. When properly placed, the trees and ground are beautifully illuminated. Ground lighting provides security, and is accent by shadows from leaves.

![Spun copper Bullet – See pg. 18](image)

### RECOMMENDED KIM SPOTLIGHTING FIXTURES
Special architectural elements should be accent with fixtures that have good lamp shielding. Mounting overhead on eaves or patio structures minimizes glare. Grade mounted fixtures should be concealed with landscaping.

![Scarbs – See pg. 4, 5](image)

### UPLIGHTING FIXTURES FOR WALL, WASH, SIGN, AND SILHOUETTE
Trees and shrubs are dramatic when backlit against a wall or building facades. This combination of landscape and facade lighting provides additional security near the building while providing walls and signs with a uniform wash of light.

![Micro-Flood® – See pg. 6](image)

### RECOMMENDED IN-GRADE UPLIGHTING ALL-AROUND VIEWING
In-grade fixtures are ideal when the lighted object can be viewed from any direction. The fixtures can be lowered or shielded to reduce glare.

### FIXTURES FOR PATH, AREA, AND AMBIENT WALKWAY LIGHTING
Fully shielded path lights eliminate glare which can occur in dark environments. When placed within taller planting, partially shielded path lights filter the light on the pathway reduce glare, and illuminate the adjacent landscape.

![Lightscast® – See pg. 22-27](image)

### FIXTURES FOR PATH, AREA, AND DIRECTIONAL WALKWAY LIGHTING
Directional path lights produce dramatic highlighting and accent on walks and landscape perimeters. The more tightly controlled light distribution can produce overlapping pools of light for a high level of visibility.

![Ravenna – See pg. 8-9](image)
<table>
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<tr>
<th>Product</th>
<th>Brass Fixture</th>
<th>Aluminum Fixture</th>
<th>Optic</th>
<th>Current (LED's)</th>
<th>CCT</th>
<th>Watt</th>
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**Product**

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**LED & 12/20V Lamp Cross Reference**
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LED & 12/120V Lamp Cross Reference (Continued)

Additional Kim Lighting Premium LED Families

THE PICO PROGRAM / SITE / ROADWAY

ALTIMETER® SITE / ROADWAY

MAWS® WITH PICO PROGRAM® SITE / ROADWAY

IN-GRADE COLLECTION

ALL-INCLUSIVE LED BOLLARDS LOW LEVEL