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 a 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 buffets and parties. During these parties, he would demonstrate how lighting could enhance gardens, fountains and outdoor events. During these parties, he would demonstrate how lighting could enhance gardens, fountains and outdoor events. In 1933, he offered the space free of charge to garden clubs, landscape architects, and others to use for buffets and parties. During these parties, he would demonstrate how lighting could enhance gardens, fountains and outdoor events. In 1933, he held his first party.

During these parties, he would demonstrate how lighting could enhance gardens, fountains and outdoor events. In 1933, he held his first party. 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 1952, at the age of 67, F.B. Nightingale retired, selling Kim Manufacturing to his son 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 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.

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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.

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 brown 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.
Scarab 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 gaskets. Further treated with a coating for added corrosion resistance.

**FINISH:**
- Die-Cast Brass: Natural Brass (NB), Black, Alum.
- Die-Cast Aluminum: Natural Brass (NB), Verde Green Patina (VG), Brass, Alum.

**LUMINANCE:**
- 3 LED emitters, 3000K, 12V
- 3 LED’s, 3000K, 12V
- 3 LED’s, 3000K, 12V

**Lens Frame:** Die-Cast Brass or Aluminum with integral design and application flexibility to produce a landscape accent system that meets the broadest range of illumination needs.

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

**WIRING:**
- No. 18-212V cable with spade terminals.
- 3 LED emitters, 3000K, 12V
- 3 LED’s, 3000K, 12V
- 3 LED’s, 3000K, 12V

**FASTENERS:** Stainless steel.

**GASKETING:**
- Silicone gaskets throughout.
- Die-cast brass or aluminum body.

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

**DRIVER/OPTICAL SYSTEM:**
- Universal Voltage from 120 to 277V, ±10% tolerance and -40ºF starting temperature.

**NOTES:**
- Aluminum hex cell lenses used. *Cannot be used in combination with SL spread or PL prismatic lens.
- Replaces standard lens ring/hood on fixture. See pg 29-31 for Mounting Accessories.

**ORDERING EXAMPLE**

For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
The Micro-Flood’s unique swivel mount provides superior aiming without loosening over time. Kim Lighting’s newest version offers a high lumen output with a sealed optical array for improving corrosion resistance and Spot and Narrow Flood distributions for increased precision in lighting control.

**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 360° 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**: (KLV217, KLV218) 120 to 277V with a ±10% tolerance. (AN52, AN57) Universal Voltage, ±10% tolerance and -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.

**Drivers**:
- (KLV217) 12V: KLV217S3, KLV217F3, KLV217F5
- (KLV218) Universal Voltage: EL218F3, EL218F5, EL218S3
- (AN52, AN57) 120 to 277V: AN57F3, AN57F5, AN57S3
- (AN57) 12V: AN57F3, AN57F5, AN57S3

**NOTES**:
- Remote transformer required, purchased separately.
- Special finish: BL - Black, DB - Dark Bronze, VG - Verde Green Patina. See pg. 29-31 for Mounting Accessories.

**ORDERING EXAMPLE**

```
1  2  3  4
FIRE      SOURCE      FINISH   OPTIONS
EL218S3 / EL218F3 / DB / BLK15
```

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

**Ravenna**

The Ravenna Highlighter features elegance and style in a leaf-like design with a slender body that blends into natural surroundings.

#### Die-Cast Brass

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>SOURCE</th>
<th>VOLTS</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLVL176</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>NB Natural Brass</td>
</tr>
<tr>
<td>BNL176</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>NB Natural Brass</td>
</tr>
<tr>
<td>KLVL171</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
<tr>
<td>ELL171</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
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</table>

#### Die-Cast Aluminum

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>SOURCE</th>
<th>VOLTS</th>
<th>SOURCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLVL176</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
<tr>
<td>BNL176</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
<tr>
<td>KLVL171</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
<tr>
<td>ELL171</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
</tbody>
</table>

#### Options (For Brass and Aluminum fixtures)

- HL**: Hex Cell Louver
- SL**: Spread Lens
- PL**: Prismatic Lens

**NOTES:** Remote transformer required, purchased separately. Inserts behind lens.

*Replace standard lens. **Can be used in combination with HL Hex Cell Louver. See pg. 29-31 for Mounting Accessories.

### Ordering Example

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>FINISH</th>
<th>OPTIONS</th>
<th>LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLVL176</td>
<td>NB</td>
<td></td>
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</tr>
<tr>
<td>ELL171</td>
<td>BL</td>
<td></td>
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</tbody>
</table>

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

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**The Ravenna Lowlighter** features elegance and style in a leaf-like design with a slender body that blends into natural surroundings.

#### Die-Cast Brass

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>SOURCE</th>
<th>VOLTS</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLVL276</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>NB Natural Brass</td>
</tr>
<tr>
<td>BNL276</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>NB Natural Brass</td>
</tr>
<tr>
<td>KLVL271</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
<tr>
<td>ELL271</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
</tbody>
</table>

#### Die-Cast Aluminum

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>SOURCE</th>
<th>VOLTS</th>
<th>SOURCE</th>
</tr>
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<tbody>
<tr>
<td>KLVL276</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
<tr>
<td>BNL276</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
<tr>
<td>KLVL271</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
<tr>
<td>ELL271</td>
<td>10W, 3 LED's</td>
<td>120V</td>
<td>BL Black</td>
</tr>
</tbody>
</table>

#### Options (For Brass and Aluminum fixtures)

- HL**: Hex Cell Louver
- SL**: Spread Lens
- PL**: Prismatic Lens

**NOTES:** Remote transformer required, purchased separately. Inserts behind lens.

*Replace standard lens. **Can be used in combination with HL Hex Cell Louver. See pg. 29-31 for Mounting Accessories.

### Ordering Example

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>FINISH</th>
<th>OPTIONS</th>
<th>LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLVL276</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ELL271</td>
<td>BL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Specifications

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

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>FINISH</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLVL202</td>
<td>BL</td>
<td>SL</td>
</tr>
</tbody>
</table>

NOTES:

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

Square Hood

Specifications

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

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>FINISH</th>
<th>OPTIONS</th>
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</thead>
<tbody>
<tr>
<td>KLVL206</td>
<td>BL</td>
<td>SL</td>
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</table>

NOTES:

For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
Kim was one of the first producers of quality path lighting. The Traditional has been completely redesigned in die-cast brass and aluminum and offers a wide selection of hood designs, stem lengths and finishes.

### Specifications

**Die-Cast Brass**

- **Hood:** Spun copper or low copper alloy aluminum with die-cast aluminum reflector and hinge assembly. The reflector is painted white. The hood reflector assembly is easily removable with a toolless entry with die-cast aluminum reflector and hinge assembly.
- **Globe:** Spun copper or low copper alloy aluminum.
- **Stem:** Schedule 40 red brass or aluminum pipe with 1/2" NPT as bottom plus solid brass locknut for secure mounting.
- **Wiring:** 2 No. 18-2 12V cable with fork connectors.
- **Optical System:** A total of 3 LED emitters configured in a rectangular array comprised together as a module. Available in 3000K, 4200K, and 5100K.
- **Driver:** Universal Voltage from 120-277V with a ±10% tolerance. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.
- **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.

**Die-Cast Aluminum**

- **Hood:** Spun copper or low copper alloy aluminum with stainless steel hinge / latch assembly.
- **Globe:** Spun copper or low copper alloy aluminum.
- **Stem:** Schedule 40 red brass or aluminum pipe with 1/2" NPT as bottom plus solid brass locknut for secure mounting.
- **Wiring:** 2 No. 18-2 12V cable with fork connectors.
- **Optical System:** A total of 3 LED emitters configured in a rectangular array comprised together as a module. Available in 3000K, 4200K, and 5100K.
- **Driver:** Universal Voltage from 120-277V with a ±10% tolerance. -40ºF starting temperature. All drivers are Underwriters Laboratories recognized.
- **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 SIZE</th>
<th>3 SOURCE</th>
<th>VOLTS</th>
<th>WATTS</th>
<th>FINISH</th>
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<tbody>
<tr>
<td>H601</td>
<td>3L</td>
<td>12V</td>
<td>5.2W</td>
<td>NB Natural Brass</td>
</tr>
</tbody>
</table>

*For photometrics, comprehensive specification data and warranty, log onto www.kilmalighting.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.

OPTICAL SYSTEM: A total of 3 or 9 LED emitters are configured together as a module. Available in 12V, 200W, and 510W.

DRIVER: (KLV817) Constant current electronic driver. Available in 12V input, -40ºF starting temperature. (EL817) Universal Voltage from 120 to 277V with a ±10% tolerance. -40ºF starting temperature. (EL817) Universal Voltage shall range from 120V-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, 1998, 8750 and Canadian CSA Std. C22.2 No. 250.0.

ORDERING EXAMPLE

KLV817 • EL817

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

The rectangular Step Light's low level, and unobtrusive directional lighting is ideal for installation in concrete, brick and masonry stairways. The Step Light's die-cast, low copper alloy aluminum housing and tempered prismatic glass is designed for long life.

Die-Cast Aluminum

<table>
<thead>
<tr>
<th>FIXTURE DISTRIBUTION</th>
<th>SOURCE</th>
<th>VOLTS</th>
<th>WATTs</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLV817 Asymmetric</td>
<td>3L, 3K, 4K, 5K</td>
<td>UV</td>
<td>10.4W</td>
<td>BL, Dark Bronze</td>
</tr>
<tr>
<td>EL817 Asymmetric</td>
<td>9L, 9K, 4K, 5K</td>
<td>UV</td>
<td>5.3W</td>
<td>GR, Verde Green</td>
</tr>
</tbody>
</table>

KEY: 3L = 3 LEDs, 9L = 9 LEDs, 3K = 3000K, 4K = 4000K, 5K = 5000K, UV = Universal Voltage shall range from 120V-277V with a ±10% tolerance.

NOTES: Remote transformer required, purchased separately.

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.

OPTICAL SYSTEM: A total of 3 or 9 LED emitters are configured together as a module. Available in 12V, 200W, and 510W.

DRIVER: (KLV807) Constant current electronic driver. Available in 12V input, -40ºF starting temperature. (EL807) Universal Voltage from 120 to 277V with a ±10% tolerance. -40ºF starting temperature. (EL807) Universal Voltage shall range from 120V-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, 1998, 8750 and Canadian CSA Std. C22.2 No. 250.0.

ORDERING EXAMPLE

KLV807 • EL807

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:** Tempered 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 1/2" NPT at bottom. Sold brass locknut for mounting.

**GASKETING:** Silicone gaskets throughout.

**WIRING:** (KLV167, KLV162) 3 No. 18-2 cable with spade connectors for low voltage cable system connection. (EL167, BN167) No. 18AWG rated 100°C.

**OPTICAL SYSTEM:** A total of 3 or 9 LED emitters that can be easily adjusted upward or downward for maximum versatility.

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

**LED:** Die-Cast Aluminum in Natural Brass or Verde Green Patina. Die-Cast Aluminium. In Black (BL), Natural Brass (NB), or Aluminum. Frame attaches to housing with four captive 1⁄4-20 stainless steel slotted cap screws or aluminum. Frame attaches to housing with four captive allen-head fasteners.

**Electrical:** Rated 105°C, leads extended from swivel base. Driver is rated for voltage 120 thru 277. for fluorescent optics, is a linear luminaire for site and wall wash applications with a unique swivel mount to provide superior aiming without loosening over time.

**BALLAST:** Electronic, ballast 0° starting. Voltage 120 thru 277, for fluorescent only.

**REFLECTOR:** Specular Alzak® on fluorescent only.

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

**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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**Ordering Example**

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

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**Die-Cast Brass**

<table>
<thead>
<tr>
<th>FIXTURE</th>
<th>SOURCE</th>
<th>VOLTS</th>
<th>WATTS</th>
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</thead>
<tbody>
<tr>
<td>KLV167</td>
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<td>12V</td>
<td>3.5W</td>
<td>NB Natural Brass</td>
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</table>

**Die-Cast Aluminum**

<table>
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<tr>
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<th>FINISH</th>
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</thead>
<tbody>
<tr>
<td>KLV167</td>
<td>3L, 3K, 4K or 5K</td>
<td>UV</td>
<td>11.9W</td>
<td>BL Black</td>
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</tbody>
</table>

**Options**

- **OPTION 3 (For Brass and Aluminum fixtures)**
  - HL72° Hex Cell Louvers
  - SL72° Spread Lens
  - PL72° Prismatic Lens

**Notes:**

- Remote transformer required, purchased separately.
- For use with ETL Listed fixtures only.
- Cannot be used in combinations with HL, Hex Cell Louvers.
- See pg. 29-31 for Mounting Accessories.

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**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 removing the rail and lens. Driver is rated for -40°F starting and has a 5-10V dimming interface with a dimming range of (10-100%). Noise Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming leads. Each precision, replaceable PicoPram is positioned to aim directly out the lens toward the task. The entire optical system senses to the housing as a one-piece module.

**REFLECTOR:** Specular Alzak® on fluorescent only.

**BALLAST:** Electronic, ballast 0° starting. Variable voltage 120 thru 277, 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**

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

---

**KLV167** in NB Natural Brass finish

**KLV162** in DB Dark Bronze finish
Spun Copper Bullet

Specifications

**HOUSING 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 optic securely attached to internal heat sink for maximum thermal dissipation.

**GASKETING:** Silicone gaskets throughout.

**FASTENERS:** Stainless steel.

**WIRING:** Universal Voltage from 120 to 277V with ±10% tolerance.

**DRIVER:** Drivers are Underwriters Laboratories recognized.

**FINISH:** Natural copper and bronze. Will rapidly age to a deep rich bronze color and may develop areas of patina.

**SOCKET:** Porcelain medium base for Incandescent/Halogen.

**LENS:** Convex clear tempered glass for Incandescent/Halogen.

**FIXTURE SOURCE:** C24 S3 LED / INCANDESCENT / HALOGEN

**ORDERING EXAMPLE:**

- C24 LED
- S3 LED
- 9L 3K or 5K UV
- 11W

**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.

鲦edes a copper housing and brass swivel, the classic Spun Copper Bullet offers long life and natural weathering to blend into the landscape. Its unique swivel mount provides superior aiming without loosening over time.

Well Light

Specifications

**HOUSING:** Spun copper; brass clamping ring, prewired cord through brass seal.

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

**WELL:** 9" diameter x 4 1/2" depth direct burial PVC pipe.

**LOUVER:** Cast aluminum finished black with polished edges, secured to well with socket head set screws. Site 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.

**FINISH:** Natural copper and bronze. Will rapidly age to a deep rich bronze color and may develop areas of patina.

**JUNCTION BOX:** ABS plastic, 3/4" conduit entry with 3/4" to 1/2" bushing, 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.

**LISTED TO:** UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CANDIA.C22.2 No. 210.0-80 Luminaries, LEDs and drivers are RoHS compliant.

**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.

The C54 Well Light features a spun copper housing with a brass clamping ring, and is suspended in a 9" diameter PVC well. A directional or tree grate louver option is also available.

**ORDERING EXAMPLE:**

- C54S3 LED
- 9L 3K or 5K UV
- 11W
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**

**Die-Cast Brass**

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**3 OPTIONS**

- ML73™ Hex Cell Louver
- SL73™ Spread Lens
- PL73™ Prismatic Lens
- HS40° Half Shield
- RG40° Rock Guard
- SS606 Stainless Steel Lens Ring
- TR60° Trim Ring

**OPTICAL SYSTEM**

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**NOTES:**

- Remote transformer required, purchased separately.
- Cannot be used in combination with HL73 Hex Cell Louver
- Cannot be used in combination with LTV767-SP.

**FINISH OPTIONS**

- ML73™ Black finish
- SL73™ Green finish
- PL73™ Rock Guard finish

**CERTIFICATION:**

- KLV364 Half Shield Lens Ring

**ORDERING EXAMPLE**

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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 LTV8 Remote App via cellular/tablet device. Remote App downloadable via the internet at Apple App Store or Google Play.

**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.

**DRIVE-OVER DURABILITY:** When installed in concrete, fixture will withstand drive-over by vehicles weighing up to 5,500 lb.

**CERTIFICATION:** U.S. Patents Pending.

**ORDERING EXAMPLE**

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

---

**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, impregnated 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.

**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 LTV8 Remote App via cellular/tablet device. Remote App downloadable via the internet at Apple App Store or Google Play.

**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.

**DRIVE-OVER DURABILITY:** When installed in concrete, fixture will withstand drive-over by vehicles weighing up to 5,500 lb.

**CERTIFICATION:** U.S. Patents Pending.

**ORDERING EXAMPLE**

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

**Specifications**

**HOUSING:** Pour, rough-in housing for installation below grade. Housing supplied with a protective aluminum debris shield mask. Ships separately and as a quik 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, cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, cast brass, fully sealed component module is secured to the face trim from the underside.

**BLUETOOTH:** Integral Bluetooth module is used by utilizing a Bluetooth enabled motor assembly.

**LTV81HS • LTV82HS • LTV83HS**

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

### Rock Guard Specifications

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## Half Shield

**Specifications**

**HOUSING:** Pour, rough-in housing for installation below grade. Housing supplied with protective aluminum debris shield mask. Ships separately and as a quik 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, cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, cast brass, fully sealed component module is secured to the face trim from the underside.

**BLUETOOTH:** Integral Bluetooth module is used by utilizing a Bluetooth enabled motor assembly.

**LTV81HS • LTV82HS • LTV83HS**

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

### Half Shield Specifications

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## In-Grade

**Specifications**

**HOUSING:** Pour, rough-in housing for installation below grade. Housing supplied with protective aluminum debris shield mask. Ships separately and as a quik 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, cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, cast brass, fully sealed component module is secured to the face trim from the underside. A high temperature, cast brass, fully sealed component module is secured to the face trim from the underside.

**BLUETOOTH:** Integral Bluetooth module is used by utilizing a Bluetooth enabled motor assembly.

**LTV81HS • LTV82HS • LTV83HS**

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

### In-Grade Specifications

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</table>
Eye Ball

Specifications

**HOUSING:** Pour box, rough-in housing for installation below grade. Housing supplied with protective aluminum delta 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 Walk Wash (WW). These optical systems are adjustable without the removal of the module by utilizing a Bluetooth enabled motor assembly.

**BLUE TOOTH:** Integral Bluetooth module is used to adjust optics 15° in any direction and dim fixture to a desired setting when paired with the Kim LTV8 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). USA Patents Pending.

Refer to Specification Sheet at www.kimlighting.com for more detailed information.

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### 4 OPTIONS:
- **HL**: Hex Cell Lens
- **PL**: Prismatic Lens
- **RCAB**: Rafter Cage Anchor
- **RCAB3**: Rafter Cage Anchor

**KEY:** OM = Optical Module, E = Eyeball, SP = Spot, NF = Narrow Flood, WW = Walk Wash (PicoPrism), 18L = 18 LED, 16L = 16 LED, 12L = 12 LED, 10L = 10 LED, 6L = 6 LED, 3K = 3800K to 3300K, 4K = 4600K to 5300K, 5K = 5600K to 7000K, UV = Universal/Voltage shall range from 120V~277V with a ±10% tolerance.

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

**LENS:** 5/16” thick clear UV stabilized acrylic and silicone gasket is retained securely within the Component Module.

**ORDERING EXAMPLE**

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

---

**Directional Marker**

Specifications

**HOUSING:** Pour box, rough-in housing for installation below grade. Housing supplied with a protective aluminum delta 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 Walk Wash (WW). These optical systems are adjustable without the removal of the module by utilizing a Bluetooth enabled motor assembly.

**BLUE TOOTH:** Integral Bluetooth module is used to adjust optics 15° in any direction and dim fixture to a desired setting when paired with the Kim LTV8 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). USA Patents Pending.

Refer to Specification Sheet at www.kimlighting.com for more detailed information.

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### 4 OPTIONS:
- **RCAB:** Rafter Cage Anchor
- **RCAB3:** Rafter Cage Anchor

**KEY:** OM = Optical Module, DMF = Directional Marker Full 360° DMH = Directional Marker Half 180°

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

---

**In-Grade**

**LED**

The Lightvault® (LTV82DM) features a sealed IP68 light engine, and offers Bluetooth® connectivity for remote control dimming. The luminaire will withstand a drive over vehicle weight of 10,000 lbs. Available in 180° or 360° distributions. Custom configurations are also available. Consult factory.

**LED**

The Lightvault® (LTV82DM) features a sealed IP68 light engine, and offers Bluetooth® connectivity for remote control dimming. The luminaire will withstand a drive over vehicle weight of 10,000 lbs. Available in 180° or 360° distributions. Custom configurations are also available. Consult factory.

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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:** ¾ Schedule 40 red brass pipe with ½ NPT stainless steel bushing at bottom for mounting.

**SOCKET:** 25-watt A-19 (12V) Incandescent

**FINISH:** Patina. (KLV12, BR12) Natural copper.

**WIRING:** Schedule 40 red brass pipe with ½ NPT locknut, and washer for mounting.

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

**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 brass connectors and washer for mounting. A remote mount has a 10 inch cord. The cord is provided with a quick-disconnect for ease of installation. Remote mount has a 10 cord.

**TIME CLOCK:** 24-hour time clock is plug-in type with captive trippers. The programming has a resolution of 15 minutes with a manual override.

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

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

**ORDERING EXAMPLE**

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<td>BR12</td>
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For photometrics, comprehensive specification data and warranty, log onto www.kimlighting.com.
UPLIGHTING FIXTURES FOR DIRECTIONAL VIEWING

Above-ground 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.

FIXTURES FOR WALL WASH, SIGN, AND SILHOUETTE

Trees and shrubs are dramatic when silhouetted against a wall or building facade. This combination of landscape and facade lighting provides additional security near the building, while providing walls and signs with a uniform wash of light.

RECOMMENDED WALL WASH, SIGN, AND SILHOUETTE FIXTURES

Scarab

Bell Wall – See pg 7

RECOMMENDED DOWNLIGHTING 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.

FIXTURES FOR IN-GRADE UPLIGHTING

In-grade fixtures are ideal when the lighted object can be viewed from any direction. The fixtures can be louvered or shielded to reduce glare.

RECOMMENDED IN-GRADE UPLIGHTING FIXTURES

– See pg. 4-5

Micro-Flood®

See pg. 22-27

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.

RECOMMENDED WALKWAY LIGHTING FIXTURES

– See pg. 6

– See pg. 12-13

– See pg. 8-9

– See pg. 4-5

– See pg. 7

– See pg. 22-27

Bell – See pg. 18

Spun copper Bullet

– See pg. 4-5

Traditional – See pg 12-13

Ravenna – See pg. 8-9

Application Index

LED & 12/120V Lamp Cross Reference

Landscape Lighting Collection
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**Additional Kim Lighting Premium LED Families**

- **THE PICO PROGRAM**
  - **SITE / ROADWAY**
  - **ALL-INCLUSIVE LED BOLLARDS**
    - **LOW LEVEL**

- **ALTIMETER**
  - **SITE / ROADWAY**

- **HAPPY WITH PICO?**
  - **SITE / ROADWAY**

- **IN-FADE COLLECTION**

- **ALL-INCLUSIVE LED BOLLARDS**
  - **LOW LEVEL**

---

**Directions Marker**

- **Full Direct**
  - **350**
  - **24**
  - **12**

- **Half Direct**
  - **350**
  - **9**
  - **12**

- **Narrow Flood**
  - **350**
  - **12**
  - **14**

- **Wall Wash**
  - **350**
  - **16**
  - **20**

---

**CCT**

- **3000K**
- **5000K**
- **7000K**

---

**Optic**

- **Spot**
- **Full Direct**
- **Half Direct**
- **Narrow Flood**
- **Wall Wash**

---

**Current (mA)**

- **3000**
- **4000**
- **5000**
- **10000**

---

**LED’s**

- **350**
- **12**

---

**Beam**

- **8”**
- **45”**
- **40”**
- **12°**
- **24°**

---

**Equivalent**

- **N/A**
- **N/A**
- **N/A**
- **N/A**
- **N/A**

---

**Lumens**

- **2070**
- **1627**
- **2317**
- **1293**
- **1122**

---

**CCT**

- **2000K**
- **5000K**
- **7000K**

---

**Watt**

- **3000**
- **2400**
- **1950**
- **1380**
- **1088**

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**CBCP**

- **50 PMH**
- **70 PMH**
- **50 PMH**
- **50 PMH**
- **50 PMH**

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**Beam**

- **13°**
- **20°**
- **15°**
- **20°**
- **15°**

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**Beam**

- **50 PMH**
- **70 PMH**
- **50 PMH**
- **50 PMH**
- **50 PMH**