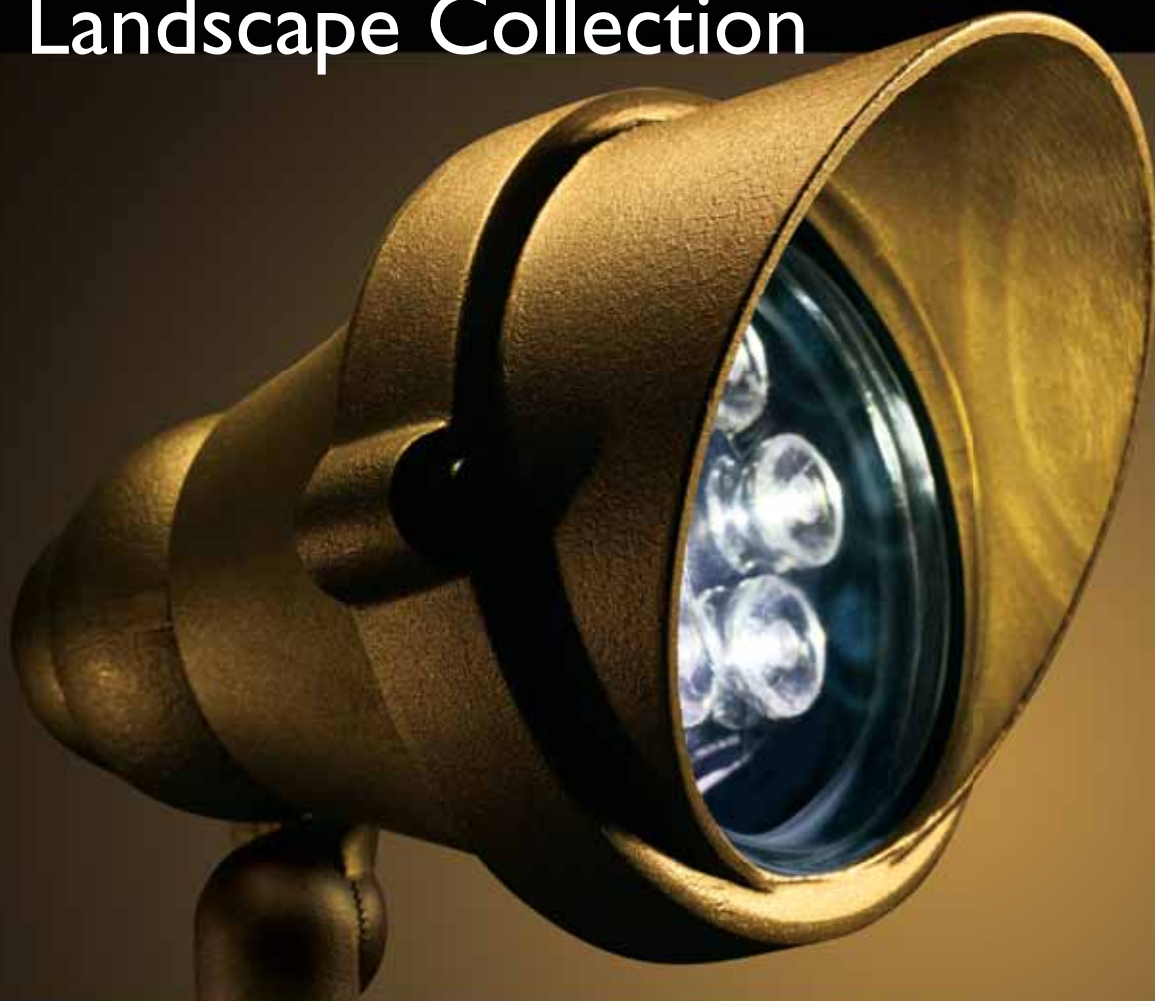


LED Landscape Collection



2011 Edition



KIM LIGHTING

LED Collection



Contents:

Welcome to Kim's LED Collection	1
Efficiency Leader	2
Rugged & Reliable	3
WALL MOUNT	
Step Light Round LED	4
Step Light Rectangle LED	5
IN-GRADE / FLOODLIGHT	
Minivault LED	6
MicroFlood LED	7
Lightvault LED	8-9
Scarab LED	10-11
ACCENT / PATHWAY	
Ravenna LED	12-13
Traditional LED	14-15
Bell Wall LED	16
Bell Stem LED	17
Mounting & Electrical Options	18-19
Product Specification Matrix	20
Warranty	21



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.





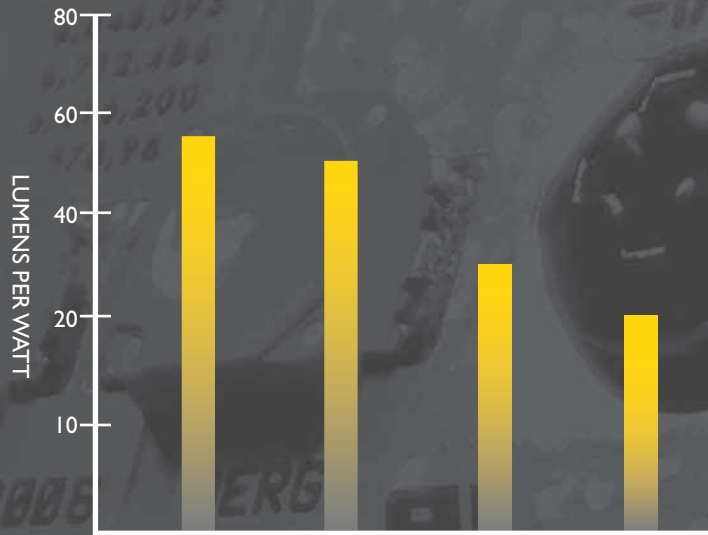
The LED Landscape Collection

Long life sources require long life housings to justify their investment – even more so for LEDs. 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 exceeds these requirements with a full line of durable, multi-voltage high performance solutions designed for a wide variety of landscape applications.

This is LED landscape lighting perfection. This is Kim Lighting.

Efficiency Leader

Light Source Comparison



	LED	CFL	HAL	INC
Energy Savings		20%	45%	70%
Hours of Operation	50,000	15,000	4,000	2,000

For the exception of LED, values are based on general lamp characteristic averages. LED average values are based on Kim Lighting's LM-79 test reports. When doing a lamp comparison, always consult the manufacturer's technical specification sheets for the most current product information.

For photometric and specification data, log onto www.kimlighting.com.

Efficiency Leader

A primary advantage of new LED technology is efficiency. 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, however, employ a non-toxic chemical interaction that generates very little heat so a much higher percentage of the electrical demand is utilized toward light production, which cuts down on overall power consumption considerably.

BENEFITS

- Premium LED lighting solutions offer 50,000+ hours of illumination*
- Perfect for residential, small and large commercial spaces, even indoor atriums
- Fully replaceable LED boards
- Control options provide self and automated monitoring to further reduce energy consumption
- 3-year limited manufacturer's warranty; 25-years on brass and copper products

CONTROL OPTIONS



Photocell Automatic On/Off Control

Photocell accessory directly mounts to enclosure knockout in right-hand side of transformer enclosure. (KLV-PCI - For 12V transformers only.)



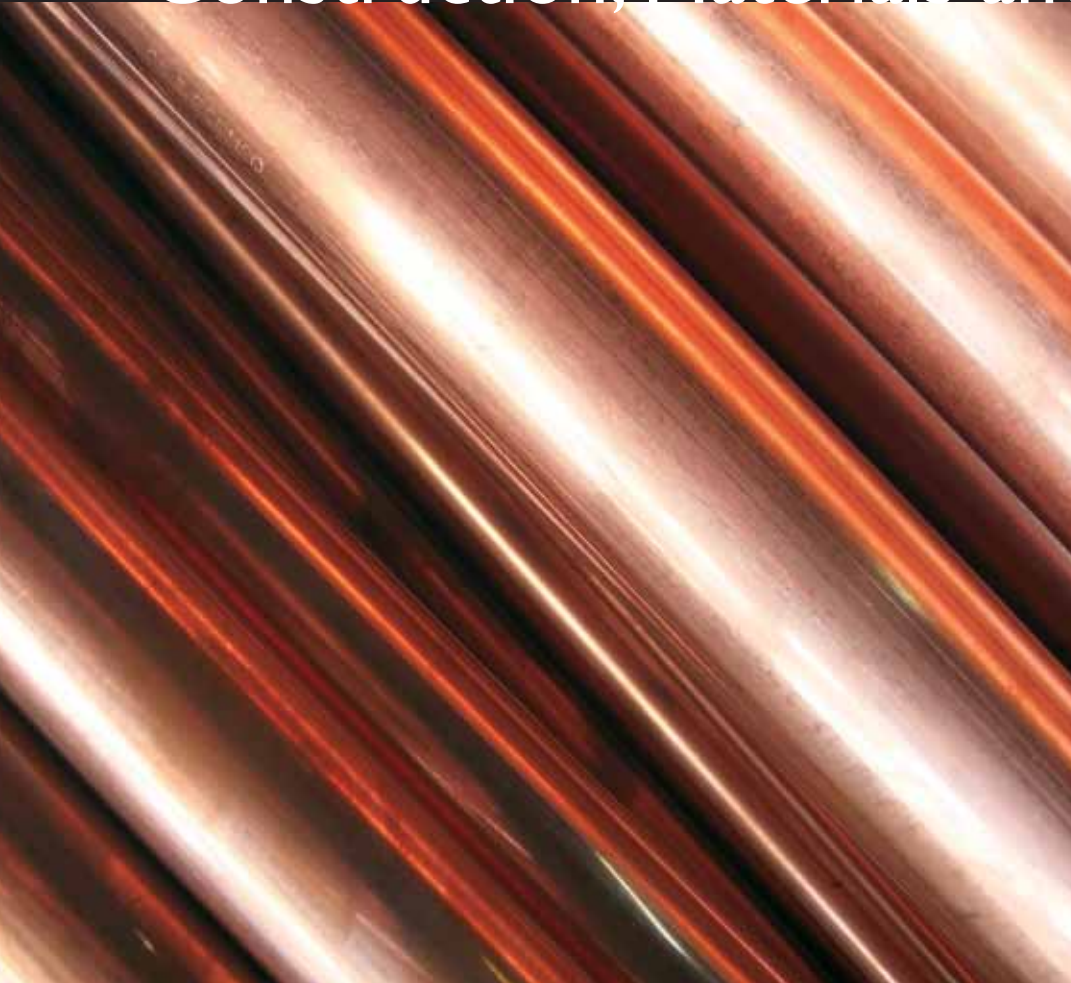
Programmable On/Off Timer Control

Plug-in time clock – plugs into receptacle provided in transformer enclosure. (KLV-TC24 - For 12V transformers only.)



* Hours of operation are contingent on outdoor ambient temperature. See product specification data at www.kimlighting.com.

Construction, Materials and Finishes



Rugged and Reliable

For over seventy years, Kim Lighting has proven its commitment to illumination excellence in landscape lighting. Our innovative products and lighting expertise have helped specifying professionals and homeowners create quality lighted environments that stand the test of time.

Now with the employment of LED technology, Kim Lighting continues to excel in producing the highest quality products in a wide range of styles, metals and finishes.

ALUMINUM

Whether cast, spun or extruded, only the most durable aluminum alloys are used in Kim landscape products. Extra heavy wall thickness is engineered into every component for increased strength and durability.

BRASS, COPPER, AND BRONZE

The design, manufacture and finishing of copper and bronze fixtures is a craft that dates back eight decades at Kim. Constructed of the ultimate materials for corrosion resistance, brass, copper and bronze fixtures are offered in a hand applied verde patina, or unfinished to allow natural aging.

HAND-APPLIED VERDE FINISH

The formula and application procedure for Kim's acid etched verde green patina was developed by the founder of Kim Lighting over seven decades ago.

Kim's hand applied verde finish is an accelerated aging process duplicating the natural verde that forms on copper and bronze after years of exposure to sun and moisture. Like natural verde, Kim verde is not permanent and will undergo considerable change depending on location and environment.

Verde can be worn away by rain, sprinklers, or surrounding wind-blown foliage. New verde will eventually form depending on humidity levels and the presence of airborne salts.

Step Light LED Round • KLV817 / EL817

Die-Cast Aluminum



ORDERING EXAMPLE

Fixture	Source	Finish
EL817	/ 9L5KUV	/ DB
1	2	3

1 Fixture	2 Source ¹	3 Finish (See p. 21)
KLV817 Asymmetric	3L3K 12 Volt 3L5K	BL Black DB Dark Bronze GR Verde Green
EL817 Asymmetric	3L3KUV Universal Voltage 3L5KUV 9L3KUV 9L5KUV	

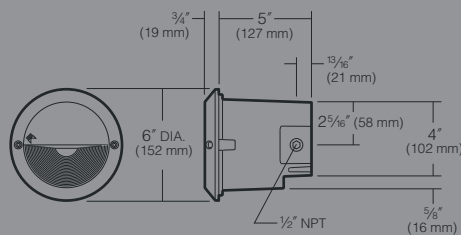
Distribution Patterns



Asymmetric (ASYM)

¹ Source Key: **3L** = 3.6W, 3 LED emitters; **9L** = 10.8W, 9 LED emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a ± 10% tolerance.

Dimensions



SPECIFICATIONS

Housing: Die-cast low copper alloy 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 plate.

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: (KLV817) A total of 3 LED emitters configured in a rectangular array comprised together as a module. (EL817) A total of 3 or 9 LED emitters configured in a rectangular array comprised together as a module.

Driver: (KLV817) Constant current electronic driver available in 12V input, .3 Max Amps, -40°F. starting temperature. (EL817) Universal Voltage from 120 to 277V with a ±10% tolerance. For 3.6W UV, Max Amps are .030 for 120V, .020 for 208V, .015 for 240V, .013 for 277V. For 10.8W UV, Max Amps are .090 for 120V, .050 for 208V, .045 for 240V, .040 for 277V. -40° F. starting temperature. All drivers are UL 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. 9.

Step Light LED Rectangle • KLV807 / EL807

Die-Cast Aluminum

ORDERING EXAMPLE

Fixture	Source	Finish
EL807	9L5KUV	DB
1	2	3

1 Fixture	2 Source ¹	3 Finish (See p. 21)
KLV807 Asymmetric	3L3K 12 Volt 3L5K	BL Black DB Dark Bronze GR Verde Green
EL807 Asymmetric	3L3KUV Universal Voltage 3L5KUV 9L3KUV 9L5KUV	

Distribution Patterns



Asymmetric
(ASYM)

¹ Source Key: **3L** = 3.6W, 3 LED emitters; **9L** = 10.8W, 3 LED emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a ± 10% tolerance.



SPECIFICATIONS

Housing: Die-cast low copper alloy 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 plate.

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

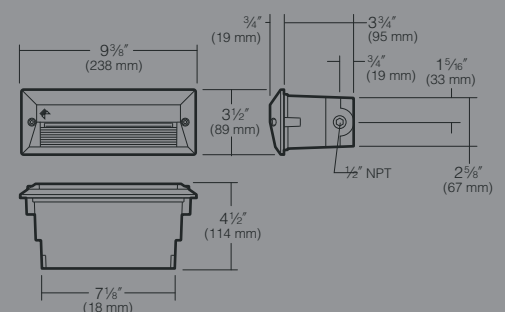
Lens: Tempered prismatic glass with silicone gasket, concealed above lens frame opening.

Optical System: (KLV807) A total of 3 LED emitters configured in a rectangular array comprised together as a module. (EL807) A total of 3 or 9 LED emitters configured in a rectangular array comprised together as a module.

Driver: (KLV807) Constant current electronic driver available in 12V input, .3 Max Amps, -40°F. starting temperature. (EL807) Universal Voltage from 120 to 277V with a ± 10% tolerance. For 3.6W UV, Max Amps are .030 for 120V, .020 for 208V, .015 for 240V, .013 for 277V. For 10.8W UV, Max Amps are .090 for 120V, .050 for 208V, .045 for 240V, .040 for 277V. -40° F. starting temperature. All drivers are UL 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. 9.

Dimensions



Minivault® LED • KLV361 / KLV366 / LTV765 / LTV767 / LTV768

Die-Cast Brass & Aluminum Housing



LTV767 shown with optional SS60 stainless steel lens ring

ORDERING EXAMPLE

Fixture	Source	Finish	Options
KLV366	3L5K	DB	HL73
1	2	3	4

Die-Cast Aluminum

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
KLV361 KLV366	Wide Flood	3L3K 3L5K	12 Volt BL Black DB Dark Bronze GR Verde Green

Brass

1 Fixture	Distribution	2 Source ¹	3 Finish
LTV765WF	Wide Flood	3L3K 3L5K	12 Volt
LTV767SP	Spot	6L3K120 6L5K120	120 Volt
LTV767NF	Narrow Flood	3L3KUV 3L5KUV 9L3KUV 9L5KUV	Universal Voltage
LTV768WF	Wide Flood		

4 Options/Accessories



HS60
Half Shield Ring,
Die-Cast Brass



RG60 Rock
Guard Lens Ring,
Cast Bronze Only



SS60 Stainless
Steel Lens Ring,
Brushed,



TR60 Trim Ring
for Flush Mounting
in Concrete, Brass



SL73
Spread
Lens



PL73
Prismatic
Lens



HL73
Hex Cell
Louver

Distribution Patterns



Wide Flood
(WF)



Narrow
Flood (NF)

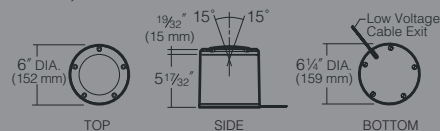


Spot
(SP)

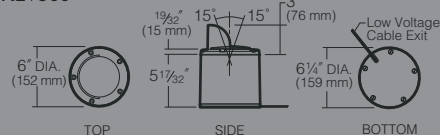
¹ Source Key: **3L** = 3.6W, 3 LED emitters; **6L** = 7.2W, 6 LED emitters; **9L** = 10.8W, 9 LED emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a ± 10% tolerance.

Dimensions

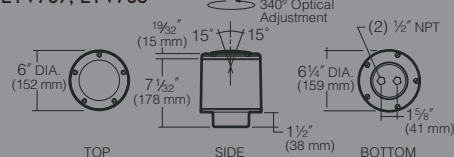
KLV361, LTV765



KLV366



LTV767, LTV768



SPECIFICATIONS

Lens Ring (KLV361), Half Shield Lens Ring (KLV366): Die-cast low copper alloy aluminum.

Lens Ring (LTV765, LTV767, LTV768): Die-cast brass with natural finish or optional stainless steel.

Five captive 1/4" blackened stainless steel hex-socket cap screws.

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

Lens Gasket: One-piece molded silicone, U-channel wraps completely around lens flange.

Housing: Cast aluminum or cast brass.

Bracket: Mounted on yoke, ±15° vertical adjustment, 340° rotation, locking screws, stainless steel gimble ring.

Cable: (KLV361, KLV366, LTV765) 6' #18-2 12 Volt cable with fork connector; anti-siphon plug.

Integral Junction Box: (LTV767, LTV768) Die-cast brass, stainless steel screws, molded silicone gasket, internal cover with silicone gasket, anti-siphon plug, two 1/2" NPT taps in bottom, 12 cu in. volume.

Optical System: (KLV361, KLV366, LTV765) A total of 3 LED emitters configured in a rectangular array comprised together as a module. KLV361 and KLV365 available in 3500K and 5100K color temperature. LTV765 available in 5100K color temperature. (LTV767) 6 LED emitters configured in a circular array, mounted on yoke providing ±15° vertical adjustment and 340° rotation, with locking screws. Available in 5100K color temperature. (LTV768) A total of 3 or 9 LED emitters configured in a rectangular array comprised together as a module. Available in 3500K or 5100K color temperature.

Driver: (KLV361, KLV366, LTV765) Constant current electronic driver available in 12V input, .3 Max Amps, -40°F. starting temperature. (LTV767) Electronic driver available in 120V input. (LTV768) Universal Voltage from 120 to 277V with a ±10% tolerance. For 3.6W UV, Max Amps are .030 for 120V, .020 for 208V, .015 for 240V, .013 for 277V. For 10.8W UV, Max Amps are .090 for 120V, .050 for 208V, .045 for 240V, .040 for 277V. -40° F. starting temperature. All drivers are UL recognized.

Wiring: Anti-siphon barrier on wiring to and from splice compartment. All components wire linked for ground, quick-disconnect for removal of optical system.

Certification: The fixture is listed with ETL for outdoor wet location use.

Conforms to UL 1598, 8750 and Canadian CSA Std. C22.2 no. 9.

MicroFlood® LED • KLV217 / EL217

Die-Cast Aluminum

ORDERING EXAMPLE

Fixture	Source	Finish	Accessories
EL217FL	9L5KUV	DB	FH215
1	2	3	4

Die-Cast Aluminum

1 Fixture	Distribution	2 Source ¹	3 Finish
KLV217	Wide Flood	3L3K 12 Volt 3L5K	BL Black DB Dark Bronze GR Verde Green
EL217FL	Wide Flood	3L3KUV Universal Voltage 3L5KUV 9L3KUV 9L5KUV	

5 Accessories



BD217
Barn Door



FH215
Fixed Hood

Distribution Patterns



Wide Flood
(WF)

¹ Source Key: **3L** = 3.6W, 3 LED emitters; **9L** = 10.8W, 9 LED emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a $\pm 10\%$ tolerance.



SPECIFICATIONS

Housing and Lens Frame: Die-cast, low copper alloy (<0.6% Cu) aluminum.

Swivel: Die-cast aluminum with locking teeth and $\frac{1}{2}$ " solid brass NPT mount. Provides horizontal rotation independent of the threaded mount. Swivel locked by $\frac{1}{4}$ -20 stainless set screw. Clear anodized prior to titanated zirconium conversion coating for added corrosion resistance.

Lens: Clear flat tempered glass with silicone gasket.

Fasteners: Stainless steel.

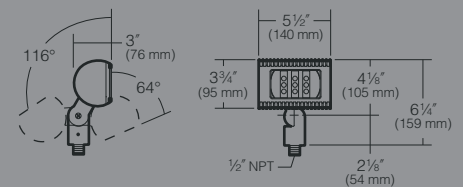
Wiring: (12V) 6' No. 18-2 12Volt with fork connectors. (120V) No. 18 SF rated 200°C.

Optical System: A total of 3 or 9 LED emitters configured in a rectangular array comprised together as a module.

Driver: (KLV217) Constant current electronic driver available in 12V input, .3 Max Amps, -40°F starting temperature. (EL217FL) Universal Voltage from 120 to 277V with a $\pm 10\%$ tolerance. For 3.6W UV, Max Amps are .030 for 120V, .020 for 208V, .015 for 240V, .013 for 277V. For 10.8W UV, Max Amps are .090 for 120V, .050 for 208V, .045 for 240V, .040 for 277V. -40° F. starting temperature. All drivers are UL 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. 9.

Dimensions



Lightvault® LED • LTV71

Cast Bronze with Composite Housing



ORDERING EXAMPLE

Fixture	Source	Options
LTV71SP	I8L5KUV	SS50
1	2	3

Lens Ring

1 Fixture	Distribution	2 Source ¹
LTV71SP	Spot	I8L3KUV
LTV71NF	Narrow Flood	I8L5KUV
LTV71WW	Wall Wash	

3 Options/Accessories



SS50
Lens Ring
Brushed
Stainless Steel



HS50
Half Shield Ring,
Brass



RG50
Rock Guard
Lens Ring,
Brass



SR50
Slip-Resistant
Lens (NEW)



TR50 Trim Ring
for Flush Mounting
in Concrete, Brass



SL50
Spread Lens



PL50
Prismatic
Lens



HL50
Hex Cell
Louver

Distribution Patterns



Spot
(SP)



Narrow
Flood (NF)

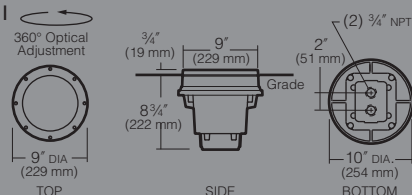


Wall Wash
(WW)

¹ Source Key: **I8L** = 22.9W, 18 LED emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a ± 10% tolerance.

Dimensions

LTV71



LTV71WW cross section featuring Kim Lighting's exclusive MicroEmitter™ optics.

SPECIFICATIONS - LTV71

Lens Ring: Cast bronze with natural finish. (Optional brushed stainless steel lens ring is also available.) Eight captive 5/16" stainless steel hex-socket cap screws.

Lens: Tempered clear soda lime, 3/16" thick, flush with lens ring, slightly crowned. (Optional slip-resistant lens is also available.)

Lens Gasket: One-piece molded silicone, U-channel wraps completely around lens flange.

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

Composite Housing: High temperature, compression molded fiberglass impregnated, 3/16" min. wall composite. Charcoal gray. No top lip to trap dirt and moisture. Molded-in solid brass knurled inserts to receive socket base screws. Separate driver and splice compartments, individual cast aluminum internal covers, with silicone gaskets. Two 3/4" NPT in bottom, 24 cu. in. splice area. Body and driver modules epoxy bonded.

Electronic Module: All electrical components are mounted on a single plate and factory prewired with quick-disconnect plugs. Driver is rated for -40°F starting and UL recognized.

Optical Module: Precision, replaceable MicroEmitters (WW) or optical prisms (SP, NF) are positioned to achieve directional control toward desired task.

Wiring: Anti-siphon barrier on wiring to and from splice compartment. All components wire linked for ground, quick-disconnect for removal of optical system.

Certification: The fixture is listed with ETL for outdoor wet location use. Conforms to UL 1598, 8750 and Canadian CSA Std. C22.2 no. 9.

Lightvault® LED • LTV72 / LTV73

Cast Bronze with Composite Housing

ORDERING EXAMPLE

Fixture	Source	Options
LTV72SP	18L5KUV	SL30
1	2	3

Eyeball Ring

1 Fixture	Distribution	2 Source ¹
LTV72SP	Spot	18L3KUV
LTV72NF	Narrow Flood	18L5KUV
LTV72WW	Wide Flood	

3 Options/Accessories



TR50 Trim Ring
for Flush Mounting
in Concrete, Brass



SL30
Spread Lens



PL30
Prismatic
Lens



HL30
Hex Cell
Louver

Distribution Patterns



Spot
(SP)



Narrow
Flood (NF)



Wide Flood
(WW)

Directional Marker Ring

1 Fixture	Distribution	2 Model ¹
LTV73SP	360°	18L3KUV
LTV73HSP	180°	18L5KUV

3 Options/Accessories



TR50 Trim Ring
for Flush Mounting
in Concrete, Brass



HL50
Hex Cell
Louver

Distribution Patterns



360°



180°

¹Source Key: **18L** = 22.9W, 18 LED emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a ± 10% tolerance.



SPECIFICATIONS - LTV72, LTV73

Eyeball Ring: (LTV72) Cast bronze, natural finish, beveled for water runoff with four captive 1/4" stainless steel hex-socket cap screws.

Directional Marker Ring: (LTV73) eight captive 5/16" stainless steel hex-socket cap screws.

Lens: (LTV72) clear tempered, flat glass, 1/8" thick. (LTV73) tempered clear soda lime, 3/16" thick, flush with lens ring, slightly crowned.

Eyeball: (LTV72) Cast bronze, natural finish, 360° rotation at 45° integrals. Eight captive 5/16" stainless steel screws.

Optical Module: (LTV72) precision, replaceable MicroEmitters (WW) or optical prisms (SP, NF) are positioned to achieve directional control toward desired task. (LTV73) 18 LED spot emitters configured in a circular array, mounted directly under stainless steel reflector in lens frame. .

Lens Gasket: One-piece molded silicone, U-channel wraps completely around lens flange.

Composite Housing: High temperature, compression molded fiberglass impregnated, 3/16" min. wall composite. Charcoal gray. No top lip to trap dirt and moisture. Molded-in solid brass knurled inserts to receive socket base screws. Separate driver and splice compartments, individual cast aluminum internal covers, with silicone gaskets. Two 3/4" NPT in bottom, 24 cu. in. splice area. Body and driver modules epoxy bonded.

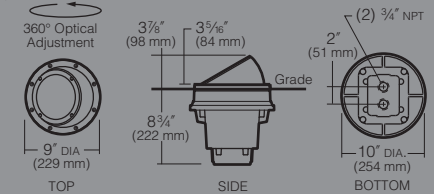
Electronic Module: All electrical components are mounted on a single plate and factory prewired with quick-disconnect plugs. Driver is rated for -40°F starting and UL recognized.

Wiring: Anti-siphon barrier on wiring to and from splice compartment. All components wire linked for ground, quick-disconnect for removal of optical system.

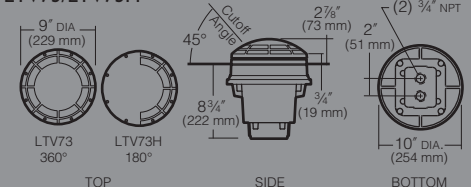
Certification: The fixture is listed with ETL for outdoor wet location use. Conforms to UL 1598, 8750 and Canadian CSA Std. C22.2 no. 9.

Dimensions

LTV72



LTV73/LTV73H



Scarab® LED • KLV721 / KLV726

Die-Cast Aluminum or Brass



ORDERING EXAMPLE

Fixture	Source	Finish	Accessories
KLV721	3L5K	DB	SL72
1	2	3	4

Die-Cast Aluminum

1 Fixture	Distribution	2 Source ¹	4 Finish (See p. 21)
KLV721	Wide Flood	3L3K 12 Volt 3L5K	BL Black DB Dark Bronze GR Verde Green

Brass

1 Fixture	Distribution	2 Source ¹	4 Finish (See p. 21)
KLV726	Wide Flood	3L3K 12 Volt 3L5K	NB Natural Bronze VG Verde Green Patina

5 Accessories



SL72
Spread
Lens



PL72
Prismatic
Lens



HL72
Hex Cell
Louvers



AGS72
Adjustable
Glare Shield



FGS72
Full Glare
Shield

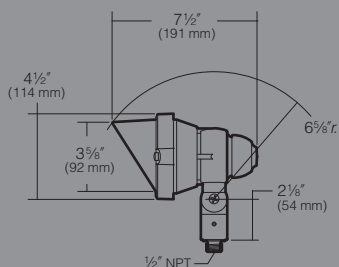
Distribution Patterns



Wide Flood
(WW)

¹ Source Key: **3L** = 3.6W, 3 LED emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature.

Dimensions



SPECIFICATIONS

Aluminum Housing: Die-cast aluminum body, lamp housing and socket enclosure.

Brass Housing: Die-cast brass body, lamp housing and socket enclosure.

Swivel: Die-cast aluminum or die-cast brass 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 clear soda lime glass with silicone gasket. Flush with lens frame to promote water runoff when positioned upward.

Lens Frame: Integral cast aluminum or cast brass lens ring and glare shield.

Gasketing: Silicone gaskets used throughout.

Wiring: (12V) 6' No. 18-2 12 Volt with fork connectors. (120V) No. 18 SF rated 200°C.

Optical System: (KLV721, KLV726) A total of 3 LED emitters configured in a rectangular array comprised together as a module.

Driver: (KLV721, KLV726) Constant current electronic driver. Available in 12V input. -40°F. starting temperature. All drivers are UL 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. 9.

Scarab® LED • EL731 EL732 / EL733 / C736 / C737 / C739

Die-Cast Aluminum or Brass

ORDERING EXAMPLE

Fixture	Source	Finish	Accessories
EL733	/ 9L5KUV /	DB /	SL73
1	2	3	4

Die-Cast Aluminum

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
EL731SP	Spot	6L3K120 120 Volt	BL Black DB Dark Bronze GR Verde Green
EL732NF	Narrow Flood	6L5K120	
EL733	Wide Flood	3L3KUV Universal Voltage 3L5KUV 9L3KUV 9L5KUV	

Brass

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
C736SP	Spot	6L3K120 120 Volt	NB Natural Bronze VG Verde Green Patina
C737NF	Narrow Flood	6L5K120	
C739	Wide Flood	3L3KUV Universal Voltage 3L5KUV 9L3KUV 9L5KUV	

4 Accessories



SL73
Spread
Lens



PL73
Prismatic
Lens



HL73
Hex Cell
Louvers



AGS73
Adjustable
Glare Shield



FGS73
Full Glare
Shield

Distribution Patterns



Spot
(SP)



Narrow
Flood (NF)

¹ Source Key: 6L = 7.2W, 6 LED Emitters; 3L = 3.6W, 3 LED Emitters; 9L = 10.8W, 9 LED Emitters; 3K = 3500K color temperature; 5K = 5100K color temperature; UV = Universal Voltage from 120 to 277V with a ± 10% tolerance.



SPECIFICATIONS

Aluminum Housing: Die-cast aluminum body, lamp housing and socket enclosure.

Brass Housing: Die-cast brass body, lamp housing and socket enclosure.

Swivel: Die-cast aluminum or die-cast brass 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 clear soda lime glass with silicone gasket. Flush with lens frame to promote water runoff when positioned upward.

Lens Frame: Integral cast aluminum or cast brass lens ring and glare shield.

Gasketing: Silicone gaskets used throughout.

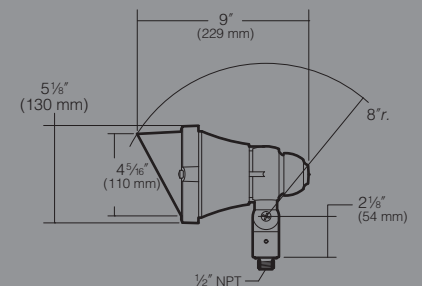
Wiring: No. 18AWM rated 105°C.

Optical System: (EL731SP, C736SP, EL732NF, C737NF) spot or narrow flood distributions, 6 LED emitters configured in a circular array, mounted on yoke. (EL733, EL739) 3 or 9 LED emitters configured in a rectangular array, comprised together as a module.

Driver: (EL731SP, EL732NF, C736SP, C737NF) Electronic driver. Available in 120V input. -40°F starting temperature. (EL733, C739) Universal Voltage from 120 to 277V with a ±10% tolerance. For 3.6W UV, Max Amps are .030 for 120V, .020 for 208V, .015 for 240V, .013 for 277V. For 10.8W UV, Max Amps are .090 for 120V, .050 for 208V, .045 for 240V, .040 for 277V. -40° F. starting temperature. All drivers are UL 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. 9.

Dimensions



Ravenna Highlighter LED • KLV171 / KLV176 / EL171 / BNI176

Die-Cast Aluminum or Brass



ORDERING EXAMPLE

Fixture	Source	Finish	Accessories
EL171	3L5KUV	DB	HL
1	2	3	4

Die-Cast Aluminum

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
KLV171	Symmetric	3L3K 3L5K	12 Volt BL Black DB Dark Bronze GR Verde Green
EL171	Symmetric	3L3KUV 3L5KUV	Universal Voltage

Brass

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
KLV176	Symmetric	3L3K 3L5K	12 Volt NB Natural Bronze VG Verde Green Patina
BNI176	Symmetric	3L3KUV 3L5KUV	Universal Voltage

4 Accessories



SL
Spread
Lens



PL
Prismatic
Lens



HL
Hex Cell
Louver

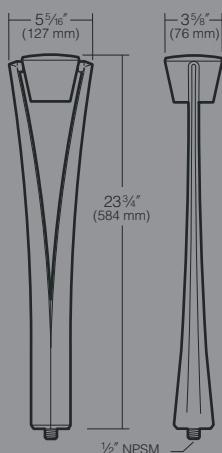
Distribution Patterns



Flood
(FL)

¹ Source Key: **3L** = 3.6W, 3 LED Emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a ± 10% tolerance.

Dimensions



SPECIFICATIONS

Aluminum Housing: Die-cast aluminum with die-cast cover; stainless steel fasteners and stainless steel set screw lock for aiming pivot.

Brass Housing: Die-cast brass with die-cast cover; stainless steel fasteners and stainless steel set screw lock for aiming pivot.

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

Ravenna Yoke: Cast aluminum or cast brass, stainless steel fasteners and 1/2" NPSM brass nipple mount.

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

Gasketing: Silicone gaskets used throughout.

Transformer: Remote transformer required. For 12V versions only.

Wiring: (12V) 6' No. 18-2 12Volt with fork connectors. (120V) No. 18 SF rated 200°C.

Optical System: (KLV171, KLV176, EL171, BNI176) A total of 3 LED emitters configured in a rectangular array comprised together as a module.

Driver: (KLV171, KLV176) Constant current electronic driver available in 12V input, .3 Max Amps, -40°F starting temperature. (EL171, BNI176) Universal Voltage from 120 to 277V with a ±10% tolerance. For 3.6W UV, Max Amps are .030 for 120V, .020 for 208V, .015 for 240V, .013 for 277V. For 10.8W UV, Max Amps are .090 for 120V, .050 for 208V, .045 for 240V, .040 for 277V. -40° F. starting temperature. All drivers are UL 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. 9.

Ravenna Lowlighter LED • KLV271 / KLV276 / EL271 / BN276

Die-Cast Aluminum or Brass

ORDERING EXAMPLE

Fixture	Source	Finish	Accessories
EL271	3L5KUV	DB	SL
1	2	3	4

Die-Cast Aluminum

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
KLV271	Symmetric	3L3K 3L5K	12 Volt BL Black DB Dark Bronze GR Verde Green
EL271	Symmetric	3L3KUV 3L5KUV	Universal Voltage

Brass

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
KLV276	Symmetric	3L3K 3L5K	12 Volt NB Natural Bronze VG Verde Green Patina
BN276	Symmetric	3L3KUV 3L5KUV	Universal Voltage

4 Accessories



SL
Spread
Lens



PL
Prismatic
Lens



HL
Hex Cell
Louver

Distribution Patterns



FL
Flood
(FL)

¹ Source Key: **3L** = 3.6W, 3 LED Emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a ± 10% tolerance.



SPECIFICATIONS

Aluminum Housing: Die-cast aluminum with die-cast cover, stainless steel fasteners and stainless steel set screw lock for aiming pivot.

Brass Housing: Die-cast brass with die-cast cover, stainless steel fasteners and stainless steel set screw lock for aiming pivot.

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

Ravenna Yoke: Cast aluminum or cast brass, stainless steel fasteners and ½" NPSM brass nipple mount.

Lens: Tempered glass, ⅛" nominal thickness.

Gasketing: Silicone gaskets used throughout.

Transformer: Remote transformer required. For 12V versions only.

Wiring: (12V) 6' No. 18-2 12Volt with fork connectors. (120V) No. 18 SF rated 200°C.

Optical System: (KLV271, KLV276, EL271, BN276) A total of 3 LED emitters configured in a rectangular array comprised together as a module.

Driver: (KLV271, KLV276) Constant current electronic driver available in 12V input, .3 Max Amps, -40°F starting temperature. (EL271, BN276) Universal Voltage from 120 to 277V with a ±10% tolerance.

For 3.6W UV, Max Amps are .030 for 120V, .020 for 208V, .015 for 240V, .013 for 277V.

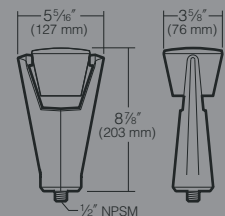
For 10.8W UV, Max Amps are .090 for 120V, .050 for 208V, .045 for 240V, .040 for 277V.

-40° F. starting temperature. All drivers are UL 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. 9..

Dimensions



8", 13", or 20" Traditional LED

Die-Cast Aluminum or Brass



Pagoda (H60) in NB Natural Brass



Cone (H80) in NB Natural Brass



Mushroom (H70) in NB Natural Brass

SPECIFICATIONS

Aluminum Hood: Spun aluminum with low copper alloy aluminum die-cast reflector and hinge assembly. The hood is painted to order and the reflector is always painted white. The hood reflector assembly is removable with a no-tool stainless steel latch. Hood is available in three styles: Pagoda, Cone, and Mushroom.

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

Brass Hood: Die-cast brass enclosing a aluminum die-cast reflector and hinge assembly. The hood is painted to order and the reflector is always painted white. The hood reflector assembly is removable with a no-tool stainless steel latch. Hood is available in three styles: Pagoda, Cone, and Mushroom.

Brass Husk: Die-cast brass with stainless steel hinge / latch assembly.

Globe: Fluted glass.

Stem: 8", 13" or 20" schedule 40 aluminum or brass pipe with 1/2" NPT at bottom plus solid brass locknut for secure mounting.

Wiring: (12V) 3' No. 18-2 12 Volt cable with fork connectors. (120V) No. 18 rated 105°C stranded wire.

Optical System: A total of 3 LED emitters configured in a rectangular array comprised together as a module.

Driver: (KLV188, KLV190, KLV195, KLV189, KLV192, KLV197) Constant current electronic driver available in 12V input, .3 Max Amps, -40°F. starting temperature.

(ELI88, ELI90, ELI95, BNI89, BNI92, BNI97) Universal Voltage from 120 to 277V with a ±10% tolerance. For 3.6W UV, Max Amps are .030 for 120V, .020 for 208V, .015 for 240V, .013 for 277V.

For 10.8W UV, Max Amps are .090 for 120V, .050 for 208V, .045 for 240V, .040 for 277V.

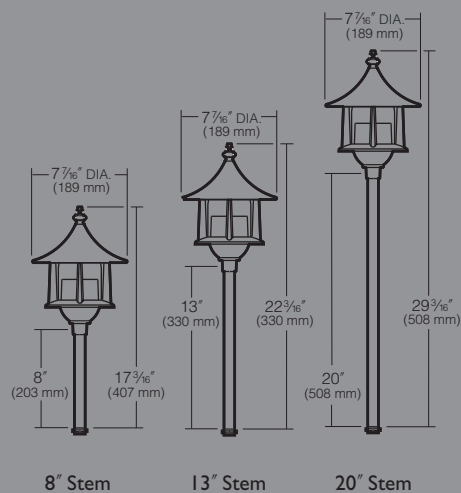
-40° F. starting temperature. All drivers are UL recognized.

Certification: The fixture is listed with ETL for outdoor wet location use.

Conforms to UL 1598, 8750 and Canadian CSA Std. C22.2 no. 9.

Dimensions

Pagoda (H60)



8", 13", or 20" Traditional LED

Die-Cast Aluminum or Brass

ORDERING EXAMPLE

Fixture	Source	Finish	Hood
KLVI88	3L5K	DB	H60
1	2	3	4

Die-Cast Aluminum

1 Fixture	Size	2 Source	3 Finish (See p. 21)
KLVI88	8" Traditional	3L3K 12 volt	BL Black
KLVI90	13" Traditional	3L5K	DB Dark Bronz
KLVI95	20" Traditional		GR Verde Green
ELI88	8" Traditional	3L3KUV Universal Voltage	BL Black
ELI90	13" Traditional	3L5KUV	DB Dark Bronze
ELI95	20" Traditional		GR Verde Green

Brass

1 Fixture	Size	2 Model	3 Finish (See p. 21)
KLVI89	8" Traditional	3L3K 12 Volt	NB Natural Bronze
KLVI92	13" Traditional	3L5K	VG Verde Green Patina
KLVI97	20" Traditional		
BNI89	8" Traditional	3L3KUV Universal Voltage	NB Natural Bronze
BNI92	13" Traditional	3L5KUV	VG Verde Green Patina
BNI97	20" Traditional		

4 Hood



Distribution Patterns



Symmetric (SYM)

1 Source Key: **3L** = 3.6W, 3 LED Emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a ± 10% tolerance.

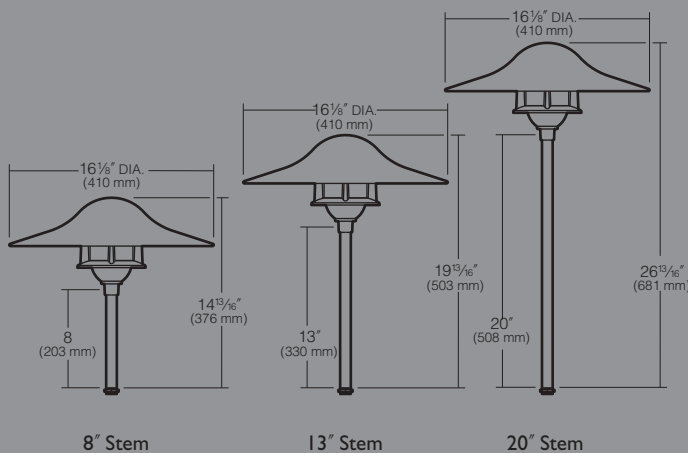
ALUMINUM



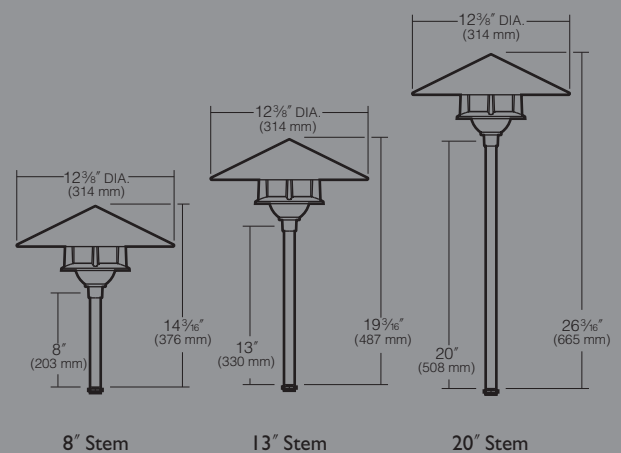
BRASS



Mushroom (H70)



Cone (H80)



Bell Wall LED • KLV52 / KLV57 / AN52 / AN57

Die-Cast Aluminum or Brass



ORDERING EXAMPLE

Fixture	Source	Finish	Accessories
KLV52	3L5K	DB	HL72
1	2	3	4

Die-Cast Aluminum

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
KLV52	Asymmetric	3L3K 12 Volt 3L5K	BL Black DB Dark Bronze GR Verde Green
AN52	Asymmetric	3L3KUV Universal Voltage 3L5KUV 9L3KUV 9L5KUV	

Brass

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
KLV57	Asymmetric	3L3K 12 Volt 3L5K	NB Natural Bronze VG Verde Green Patina
AN57	Asymmetric	3L3KUV Universal Voltage 3L5KUV 9L3KUV 9L5KUV	

4 Accessories



SL72 Spread Lens
PL72 Prismatic Lens
HL72 Hex Cell Louver

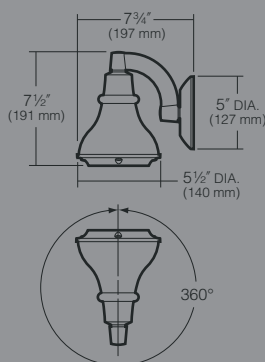
Distribution Patterns



Asymmetric (ASYM)

¹ Source Key: **3L** = 3.6W, 3 LED Emitters; **9L** = 10.8W, 9 LED Emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a ± 10% tolerance.

Dimensions



SPECIFICATIONS

Housing and Lens Frame: Die-cast, low copper alloy (<0.6% Cu) aluminum or die-cast Brass. Lens frame with silicone gasket, attaches to housing with four captive 1/4-20 stainless steel, slotted cap screws.

Arm: Cast aluminum or cast brass. 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, low copper alloy (<0.6% Cu) aluminum or die cast brass. 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 with silicone gasket. Flush with lens frame to promote water runoff when positioned upward.

Wiring: (12V) 6' No. 18-2 12 Volt with fork connectors. (120V) No. 18 SF rated 200°C.

Optical System: A total of 3 or 9 LED emitters configured in a rectangular array comprised together as a module.

Driver: (KLV52, KLV57) Constant current electronic driver available in 12V input. -40°F. starting temperature. (AN52, AN57) Universal Voltage from 120 to 277V with a ±10% tolerance. For 3.6W UV, Max Amps are .030 for 120V, .020 for 208V, .015 for 240V, .013 for 277V. For 10.8W UV, Max Amps are .090 for 120V, .050 for 208V, .045 for 240V, .040 for 277V. -40° F. starting temperature. All drivers are UL 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. 9.

Bell Stem • KLV162 / KLV167 / EL167 / BNI67

Die-Cast Aluminum or Brass

ORDERING EXAMPLE

Fixture	Source	Finish	Accessories
KLV162	3L5K	DB	HL72
1	2	3	4

Die-Cast Aluminum

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
KLV162	Symmetric	3L3K 12 Volt 3L5K	BL Black DB Dark Bronze GR Verde Greene
EL167	Symmetric	3L3KUV Universal Voltage 3L5KUV 9L3KUV 9L5KUV	

Brass

1 Fixture	Distribution	2 Source ¹	3 Finish (See p. 21)
KLV167	Symmetric	3L3K 12 Volt 3L5K	NB Natural Bronze VG Verde Green Patina
BNI67	Symmetric	3L3KUV Universal Voltage 3L5KUV 9L3KUV 9L5KUV	

4 Accessories



SL72
Spread
Lens



PL72
Prismatic
Lens



HL72
Hex Cell
Louver

Distribution Patterns



Symmetric
(SYM)

¹ Source Key: **3L** = 3.6W, 3 LED Emitters; **9L** = 10.8W, 9 LED Emitters; **3K** = 3500K color temperature; **5K** = 5100K color temperature; **UV** = Universal Voltage from 120 to 277V with a ± 10% tolerance.



SPECIFICATIONS

Housing and Lens Frame: Die-cast, low copper alloy (<0.6% Cu) aluminum or die-cast brass. Lens frame with silicone gasket, attaches to housing with four captive 1/4-20 stainless steel, slotted cap screws.

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

Stem: 1/2" schedule 40 aluminum or brass pipe with 1/2" NPT at bottom plus solid brass locknut for mounting.

Wall Plate: Die-cast, low copper alloy (<0.6% Cu) aluminum or die-cast brass. 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 with silicone gasket. Flush with lens frame to promote water runoff when positioned upward.

Wiring: (12V) 3' No. 18-2 12 Volt cable with fork connectors. (120V) No. 18AWM rated 105°C.

Optical System: A total of 3 or 9 LED emitters configured in a rectangular array comprised together as a module.

Driver: (KLV162, KLV167) Constant current electronic driver available in 12V input.

-40°F starting temperature. (EL167, BNI67) Universal Voltage from 120 to 277V with a ± 10% tolerance.

For 3.6W UV, Max Amps are .030 for 120V, .020 for 208V, .015 for 240V, .013 for 277V.

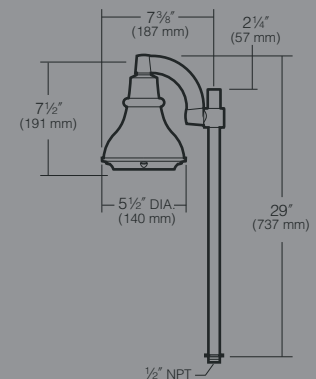
For 10.8W UV, Max Amps are .090 for 120V, .050 for 208V, .045 for 240V, .040 for 277V.

-40° F. starting temperature. All drivers are UL recognized.

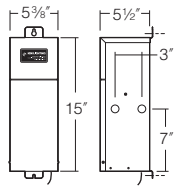
Certification: The fixture is listed with ETL for outdoor wet location use.

Conforms to UL 1598, 8750 and Canadian CSA Std. C22.2 no. 9.

Dimensions

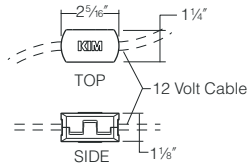


Mounting and Electrical Options



KLV600 (200W), KLV605 (300W) Transformer Box:
Formed 16 ga. stainless steel enclosure with integral hinge. Cover is secured with stainless steel screws. A through hole is provided in the bottom edge for a padlock (by others). For In-Grade transformer contact factory for information.

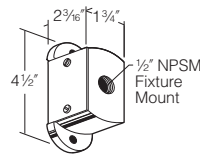
Used With:
Step - KLV817, KLV807



KLV410 Sealed Connector
Two-piece connector; injection molded in black Valox®, with stainless steel piercing screws. Sealed and waterproofed with dielectric mastic compound.

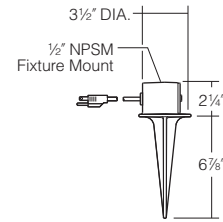
Used With:
Minivault® - LTV765, KLV361, KLV366
Bell Stem - KLV162, KLV167
Micro-Flood® - KLV217
Scarab® - KLV721, KLV726
Traditional - KLV188, KLV189
KLV190, KLV192, KLV195, KLV197
Ravenna™ - KLV171, KLV176, KLV271, KLV276

12V version only



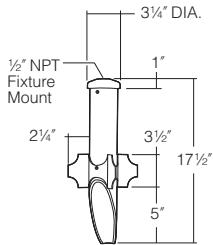
J-27N Surface Mount
Cast aluminum with 1/2" NPSM fixture mount. Internal set screw provided for locking position. 5 cu. in. internal volume.

Specify finish:
BL - Black, DB - Dark Bronze, GR - Verde Green
Cat. No. - Example: J-27N/DB
Used With:
Micro-Flood® - EL217
Scarab® - EL731, EL732, C736, C737, EL733, C739



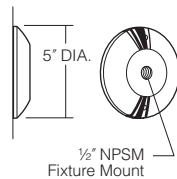
J-25N Portable Spear Mount
Cast iron with 1/2" NPSM fixture mount. Hot dip galvanized finish. 5.5 cu. in. splice compartment. (SJTW-A) 3 wire cord and plug. Supplied with (3) wire nuts and (3) mastic seals for waterproofing connections. 9' cord length

Used With:
Micro-Flood® - EL217
Scarab® - EL731, EL732, C736, C737, EL733, C739
120V version only



EPI7 LightPost™ by Engineered Products Co.
PVC fixture molded in black with 1/2" NPT mount is corrosion free and UV resistant. Replaces EMT, conduit connectors and weatherproof boxes.

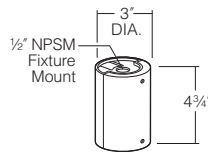
Used With:
Bell Stem - EL167, BNI167
Micro-Flood® - EL217
Scarab® - EL731, EL732, C736, C737, EL733, C739
Traditional - KLV188, KLV189, KLV190, KLV192, KLV195, KLV197
Ravenna™ - KLV171/176, EL171, BNI176, KLV271/276, EL271, BNI276



JW (Alum.)/JWBR (Brass) Architectural Wall Mount
3" O.D. by .188" wall cast aluminum with 1/2" NPSM fixture mount and hand hole with flush cover. Internal set screw fixture lock accessible through hand hole. Internal ground lug supplied with installed lead.

Specify finish:
BL - Black, DB - Dark Bronze, GR - Verde Green
Cat. No. - Example: JW/DB
NB - Natural Brass, VG - Verde Green Patina
Cat. No. - Example: JWBR/VG

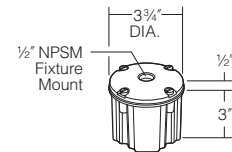
Used With:
Micro-Flood® - EL217
Scarab® - EL731, EL732, C736, C737, EL733, C739



JB1 Architectural Junction Box
Die-cast aluminum with 1/2" NPSM fixture mount. Internal set screw provided for locking position. Two 1/2" NPSM in bottom. 17 cu. in. internal volume.

Specify finish:
BL - Black, DB - Dark Bronze, GR - Verde Green
Cat. No. - Example: JB1/DB
CAUTION: Junction Box must be installed high enough to avoid contact with soil or standing water.

Used With:
Bell Stem - EL167, BNI167
Micro-Flood® - EL217
Scarab® - EL731, EL732, C736, C737, EL733, C739
Traditional - KLV188, KLV189, KLV190, KLV192, KLV195, KLV197
Ravenna™ - KLV171/176, EL171, BNI176, KLV271/276, EL271, BNI276



JB1-2 thru 24 Brass In-Grade Architectural Junction Box
Die-cast brass with 1/2" NPSM fixture mount and die-cast cover. Internal set screw provided for locking position. 18 cu. in. internal volume.

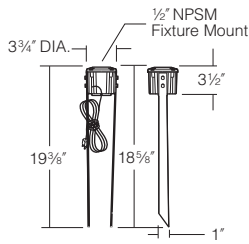
Cat. No./Description
BR-2 (2) 1/2" NPT in bottom
BR-3 (2) 3/4" NPT in bottom
JBR-21 (2) 1/2" NPT in sides, (2) 1/2" NPT in bottom
JBR-24 (4) 1/2" NPT in sides, (2) 1/2" NPT in bottom.
All side taps provided with plugs.

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

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

Used With:
Bell Stem - EL167, BNI167
Micro-Flood® - EL217
Scarab® - EL731, EL732, C736, C737, EL733, C739
Traditional - EL188, EL190, EL195, BNI189, BNI192, BNI197
120V version only

Mounting and Electrical Options



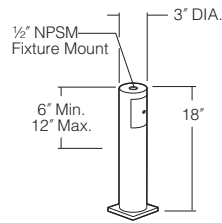
JBR30/JBR32 (with cord)
Brass In-Grade Stacked Junction Box
 Die-cast brass with 1/2" NPSM fixture mount and die-cast cover. Internal set screw provided for locking position. 18 cu in. internal volume. (2) 1/2" NPT in bottom with (2) 19" long brass stakes. JBR32 includes 9' cord

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

CAUTION: Fixture stem and swivel must not contact soil or standing water. Provide drainage away from Junction Box. Hard mount low voltage fixtures.

Used With:
 Bell Stem - EL167, BN167
 Micro-Flood® - EL217
 Scarab® - EL731, EL732, C736, C737, EL733, C739
 Ravenna™ - EL171, BN176, EL271, BN276

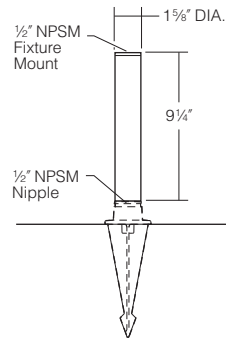
120V version only



SM18 Stanchion Mount
 3" O.D. 188" wall cast aluminum with 1/2" NPSM fixture mount and hand hole with flush cover. Internal set screw fixture lock accessible through hand hole. Internal ground lug supplied with installed lead.

Specify finish:
BL - Black, **DB** - Dark Bronze, **GR** - Verde Green
 Cat. No. - Example: **SM18/DB**

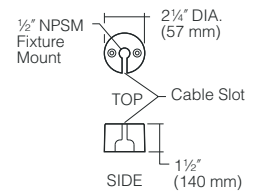
Used With:
 Bell Stem - EL167, BN167
 Micro-Flood® - EL217
 Scarab® - EL731, EL732, C736, C737, EL733, C739
 Ravenna™ - KLV171/176, EL171, BN176, KLV271/276, EL271, BN276



KLV415 Extension Module
 For raising fixtures to a height above foliage for efficient and unobstructed operation.

Specify finish:
BL - Black, **DB** - Dark Bronze, **GR** - Verde Green
 Cat. No. - Example: **SM18/DB**

Used With:
 Bell Stem - KLV162, KLV167
 Micro-Flood® - KLV217
 Scarab® - KLV21, KLV26
 Ravenna - KLV176, KLV276
 Traditional - KLV188, KLV189, KLV190, KLV192, KLV195, KLV197
 Ravenna™ - KLV171/176, EL171, BN176, KLV271/276
 12V version only






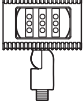

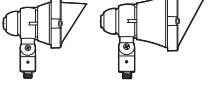


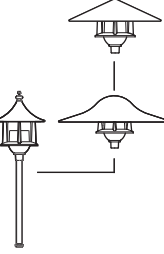

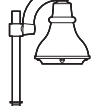
KLV405 Low Voltage Surface Mount
 Die-cast low copper aluminum with 1/2" NPSM fixture mount. Stainless steel set screw locks fixture into mount. Two holes provided for flat head wood screws. SuperTGIC powder coat paint over clear anodizing and Titanated Zirconium conversion.

Specify finish:
BL - Black, **DB** - Dark Bronze, **GR** - Verde Green
 Cat. No. - Example: **KLV405/DB**

Used With:
 Micro-Flood® - KLV217
 Scarab® - KLV721, KLV726

12V version only

Product Specification Matrix

	FIXTURE NAME	MODEL NO.	DISTRIBUTION	SYSTEM WATTS	VOLTAGE	DIMMING	ALUMINUM	BRASS
page 4 	Step light round	KLV817	ASYM	3.6W, 10.8W	12V	R	X	
		EL817	ASYM	3.6W, 10.8W	UV	R	X	
page 5 	Step light rectangle	KLV807	ASYM	3.6W, 10.8W	12V	R	X	
		EL807	ASYM	3.6W, 10.8W	UV	R	X	
page 6 	Minivault	KLV361	WF	3.6W	12V	I	X	
		KLV366	WF	3.6W	12V	I	X	
		LTV765	WF	3.6W	12V	i		X
		LTV767	SP, NF	7.2W	120V	I		X
		LTV768	WF	3.6W, 10.8W	UV	i		X
page 7 	MicroFlood	KLV217	WF	3.6W	12V	I	X	
		EL217	WF	3.6W, 10.8W	UV	I	X	
page 8-9 	Lightvault	LTV71	NF, SP, WW	22.9W	UV	I		Composite Housing
		LTV72	NF, SP, WW	22.9W	UV	I		Composite Housing
		LTV73	SP	22.9W	UV	I		Composite Housing
page 10-11 	Scarab	KLV721	WF	3.6W	12V	R	X	
		KLV726	WF	3.6W	12V	R		X
		EL731	SP	7.2W	UV	I		
		EL732	NF	7.2W	UV	I		
		EL733	WF	3.6W, 10.8W	UV	I		
		C736	SP	7.2W	UV	I	X	X
		C737	NF	7.2W	UV	I	X	X
		C739	WF	3.6W, 10.8W	UV	I	X	X
page 12 	Ravenna Highlighter	KLV176	FL	3.6W	12V	R		X
		KLV171	FL	3.6W	12V	R	X	
		EL171	FL	3.6W	UV	R	X	
		BNI76	FL	3.6W	UV	R		X
page 13 	Ravenna Lowlighter	KLV276	FL	3.6W	12V	R		X
		KLV271	FL	3.6W	12V	R	X	
		EL271	FL	3.6W	UV	R	X	
		BN276	FL	3.6W	UV	R		X
pages 14-15 	Traditional	KLV188	SYM	3.6W	12V	R	X	
		KLV189	SYM	3.6W	12V	R		X
		EL188	SYM	3.6W	UV	R	X	
		BNI89	SYM	3.6W	UV	R		X
		KLV190	SYM	3.6W	12V	R	X	
		KLV192	SYM	3.6W	12V	R		X
		EL190	SYM	3.6W	UV	R	X	
		BNI92	SYM	3.6W	UV	R		X
		KLV195	SYM	3.6W	12V	R	X	
		KLV197	SYM	3.6W	12V	R		X
		EL195	SYM	3.6W	UV	R	X	
		BNI97	SYM	3.6W	UV	R		X
page 16 	Bell Wall	KLV52	ASYM	3.6W	12V	I	X	
		KLV57	ASYM	3.6W	12V	I		X
		AN52	ASYM	3.6W, 10.8W	UV	I	X	
		AN57	ASYM	3.6W, 10.8W	UV	I		X
page 17 	Bell Stem	KLV162	SYM	3.6W	12V	R	X	
		KLV167	SYM	3.6W	12V	R		X
		EL167	SYM	3.6W, 10.8W	UV	R	X	
		BNI67	SYM	3.6W, 10.8W	UV	R		X

UV = Universal Voltage from 120-277V with a ± 10% tolerance; I = Integral Dimming Control Device; R = Remote Control Line Dimmer

Warranty

When properly installed and under normal conditions of use, Kim Lighting warrants the LED lighting products ("Product(s)") sold by it to be free from defects in material and workmanship for a period of one (1) year for metal parts and finishes, and, three (3) years for LED Light Engines and LED power components, from the date of sale of such goods to the buyer as specified in Kim Installation Instructions for each Product(s). When installed according to Kim Installation Instructions and accepted trade practices, the solid bronze is warranted for 25 years from date of sale, against manufacturing defects and failure due to corrosion¹.



¹ Kim Lighting's brass components are constructed from several brass parts that are manufactured by various methods at various times. Since brass naturally deepens in color as it ages through the normal oxidation process, these parts may exhibit subtle differences in coloration when the product is new. This is normal and expected. These color differences will be eliminated shortly after installation through the normal brass oxidation process.

Finishes:

Die-Cast Aluminum



Die-Cast Brass



Additional Kim Lighting Premium LED Families



HID to LED
UPGRADE KIT



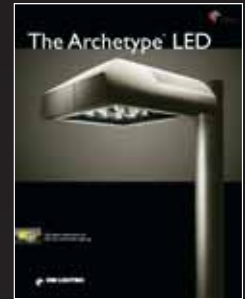
MicroEmitter® LED Technology
COMPREHENSIVE CATALOG



WARP9® LED
SITE / ROADWAY



Structural® LED
SITE / ROADWAY



The Archetype® LED
SITE / ROADWAY



Era® LED
SITE / ROADWAY



Curvilinear LED
SITE / ROADWAY



Wall Director® LED
WALL MOUNTED



PGL7 LED
PARKING STRUCTURE



LED Site Wallforms®
WALL MOUNTED



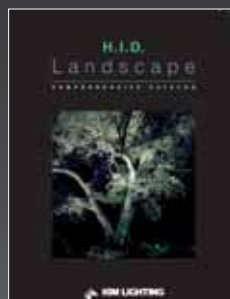
CFL LED
FLOODLIGHTING



LED Round Wall Forms
WALL MOUNTED



Landscape Collection
(12V / 120V / 277V)



HID Landscape Collection