



# KELSEY-KANE LIGHTING MANUFACTURING COMPANY

"Serving Lighting Professionals Since 1978"

## EasyLED Technology

### LV1AQ L70 25°C 187,000 Hours

#### EasyLED 12" Linear LED Die Cast



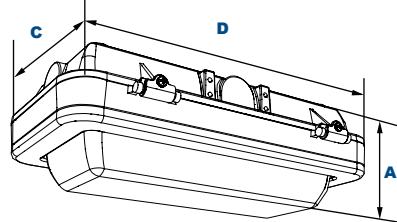
LV1AHQ



LV1AOQ



LV1AVQ



LV1A series wall, pendant and ceiling mount luminaire is available with clear or LumaLens lenses, and open, vertical half or horizontal half door frames designed to replace HID lighting systems from 70w to 175w MH or HPS. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 18 feet can be used based on light level and uniformity requirements.

#### Specifications and Features:

##### Housing:

Heavy-Duty Die Cast Aluminum Housing and Top Frame. Can Be Tapped for Side Conduit Entry.

##### Finish:

Gray Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

##### Lens:

Clear Polycarbonate Vandal-Resistant Lens or LumaLens Opal Polycarbonate Vandal-Resistant Lens

##### Mounting Options:

Surface Mount or Use Optional Stainless Steel Quick-Mount Bracket, Adjustable Bracket, or Yoke.

##### EasyLED LED:

Aluminum Boards

##### Wattage:

Array: 22w, System: 26.4w  
(70w HID Equivalent)  
Array: 37.2w, System: 43.4w  
(175w HID Equivalent)

##### Driver:

Electronic Driver, 120-277V, 50/60Hz;  
Dimmable Driver

##### Listing & Ratings:

CSA: Listed for Wet Locations.  
Operating Temperatures: -40°C to +50°C  
IP66

See Page 3 for Projected Lumen Maintenance Table.

5-Year Warranty.

#### Dimensions

<b>Width (D)</b>	12 1/4" (309mm)
<b>Length (C)</b>	7" (178mm)
<b>Height (A)</b>	LV1AOQ: 4" (102mm) LV1AHQ & LV1AVQ: 4 1/4" (107mm)

#### Order Information Example:

LV1AOQF37U5KCG

Model	Optics	Wattage	Driver	CCT	Lens	Color
LV1AOQ=EasyLED Open Frame 12" Linear LED Die Cast	F=Wide	22=22w 37=37w	U=120-277V	4K=4000K 5K=5000K	C=Clear Polycarbonate Vandal-Resistant Lens L=LumaLens Opal Polycarbonate Vandal-Resistant Lens	G=Gray C=Custom (Consult Factory)

#### Project Information:

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

#### Certification & Listings:



Specifications subject to change without notice. Rev. 020818



**Accessories & Replacement Parts:**



LVAQM



LVABRSS\*

**Mounting Accessories  
 (Order separately, Field installed)**

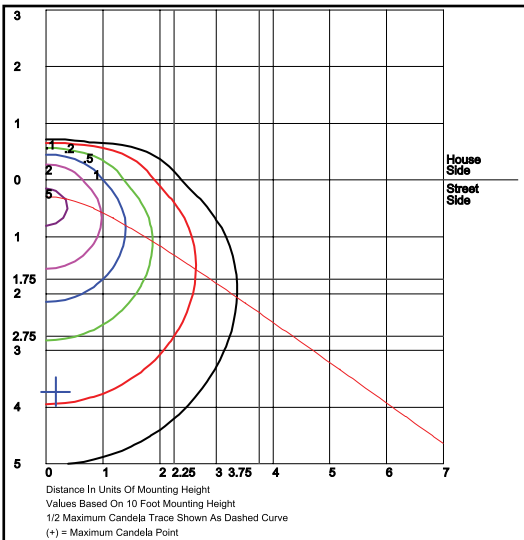
LVAQM	Stainless Steel Quick Mount Bracket
LVABRSS	Stainless Steel Adjustable Bracket, Set of Two
LV1AYSS	Stainless Steel Yokes for LV1A, Includes Hardware.



LV1AYSS\*

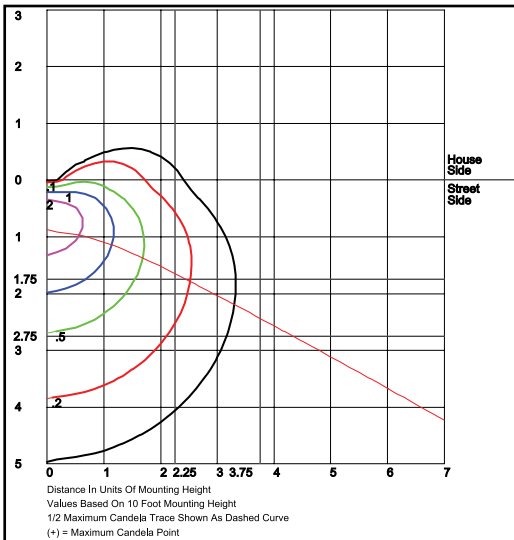
\*Shown Mounted

**Photometric Data for Wall Light Applications**



**LV1AHQF37U5KL**  
**Wide Optic**

Grid in MH  
 MH=10 Feet



**LV1AVQF37U5KL**  
**Wide Optic**

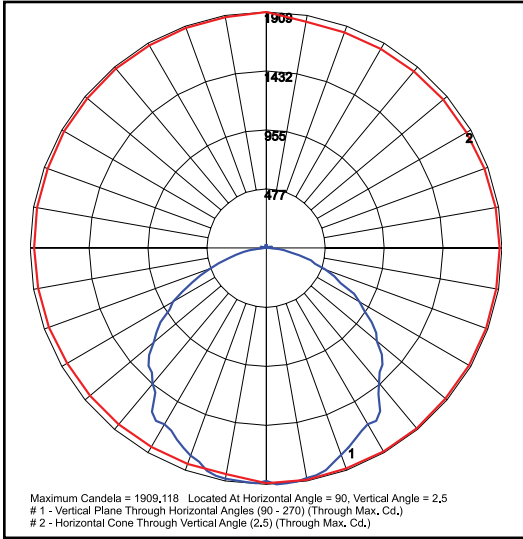
Grid in MH  
 MH=10 Feet

**Photometric Performance for Wall Light Applications**

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 22w (Clear Lens)	116	26	Horizontal Frame -Type III	3,126	120	1	2	1	3,001	115	1	2	1
EasyLED 22w (LumaLens)			Horizontal Frame -Type IV	2,369	91	1	3	2	2,274	88	1	3	1
EasyLED 22w (Clear Lens)			Vertical Frame -Type III	3,305	127	1	2	1	3,172	122	1	2	1
EasyLED 22w (LumaLens)			Vertical Frame -Type III	2,705	104	1	3	1	2,597	100	1	3	1
EasyLED 37w (Clear Lens)		43	Horizontal Frame -Type III	4,879	114	2	3	2	4,684	109	2	3	2
EasyLED 37w (LumaLens)			Horizontal Frame -Type IV	4,071	95	1	3	2	3,908	91	1	3	2
EasyLED 37w (Clear Lens)			Vertical Frame -Type II	5,292	123	2	3	1	5,081	118	2	3	1
EasyLED 37w (LumaLens)			Vertical Frame -Type II	4,399	102	2	3	2	4,223	98	1	3	2



**Photometric Data for Canopy/Ceiling Light Applications**



**LV1AQF37U5KC**  
**Wide Optic**

**Photometric Performance for Canopy/Ceiling Light Applications**

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Spacing Criteria	5000 CCT 80 CRI		4000 CCT 80 CRI	
					Lumens	LPW	Lumens	LPW
EasyLED 22w (Clear Lens)	116	26	Open Frame (110° x 110°)	1.34	3,332	128	3,199	123
EasyLED 22w (LumaLens)			Open Frame (110° x 120°)	1.26	2,945	113	2,828	109
EasyLED 37w (Clear Lens)		43	Open Frame (110° x 110°)	1.26	5,538	129	5,316	124
EasyLED 37w (LumaLens)			Open Frame (110° x 120°)	1.26	4,948	115	4,750	111

**Projected Lumen Maintenance**

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	26	1.00	0.96	0.92	0.84	187,000
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	43	1.00	0.96	0.92	0.84	187,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>	26	1.00	0.94	0.88	0.75	121,000
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>	43	1.00	0.93	0.86	0.72	109,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>	26	1.00	0.95	0.89	0.79	94,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>	43	1.00	0.94	0.88	0.79	84,000

**NOTES:**  
 1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.  
 2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.