

# ALV1AQ

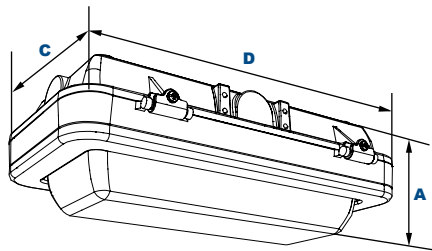
**L70**  
25°C

**187,000 Hours**

## EasyLED 12" Linear LED Die Cast Area Light



Shown with pole and spoke bracket, available separately.



### Dimensions

<b>Width (D)</b>	12 1/4" (309mm)
<b>Length (C)</b>	7" (178mm)
<b>Height (A)</b>	4" (102mm)

### Project Information:

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

The LEPG ALV1AQ pole mount luminaire is available with clear or LumaLens lenses and open door frame 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.

#### Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750  
IP66 Sealed LED Compartment.

#### Finish:

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

#### Lens:

Clear UV-Stabilized Polycarbonate or SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens

#### Mounting Options:

Adjustable Slipfitter Included. Requires 2 3/8" Arm or Tenon (Not Included).

#### EasyLED LED:

Aluminum Boards

#### Wattage:

22w: Array: 22w, System: 26.4w; (70w HID Equivalent)  
37w: Array: 37.2w, System: 43.4w; (175w HID Equivalent)

#### Driver:

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection is 2kV for 22w, 6kV for 37w. 0-10V Dimming Standard for Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

#### Warranty:

5-Year Warranty for -40°C to +50°C Environment.

See Page 3 for Projected Lumen Maintenance Table.

### Certification & Listings:



*SoftLED*

**Order Information Example:** ALV1AQF37U5KCPSFM

ALV1AQQ	F		U				
Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting
ALV1AQQ=EasyLED Open Frame 12" Linear LED Die Cast Area Light	F=Wide	22=22w 37=37w	U=120-277V	4K=4000K 5K=5000K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	P=Platinum (Silver Gray) Z=Bronze B=Black C=Custom (Consult Factory)	SFE=End Mount Slipfitter SFM=Center Mount Slipfitter

**Accessories & Replacement Parts:**

Mounting Accessories (Order Separately, Field Installed)	
PTSB1S*	Single Pole Tenon Spoke Bracket, 2 3/8" Horizontal Mounting Arm, Bronze Powdercoat Finish, Includes Hardware.
PTSB290S*	Twin Pole Tenon Spoke Bracket, 2 3/8" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB2180S*	Twin Pole Tenon Spoke Bracket, 2 3/8" Horizontal 180° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB390S*♦	Triple Pole Tenon Spoke Bracket, 2 3/8" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB3120S*♦	Triple Pole Tenon Spoke Bracket, 2 3/8" Horizontal 120° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.
PTSB490S*♦	Quad Pole Tenon Spoke Bracket, 2 3/8" Horizontal 90° Mounting Arms, Bronze Powdercoat Finish, Includes Hardware.

\*Specify Color: Z=Bronze, C=Custom (Consult Factory)

♦Non-stock item. Consult factory for lead time.



Replacement Parts (Order Separately, Field Installed)	
LV1ALL	SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens
LV1APC	Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens
FL73SFX*	External Mount Die-Cast Adjustable Slipfitter for 2 3/8" Tenons, Powdercoat Finish, Includes Hardware.

\*Specify Color: Z=Bronze, C=Custom (Consult Factory)

**EPA (Effective Projected Area)**

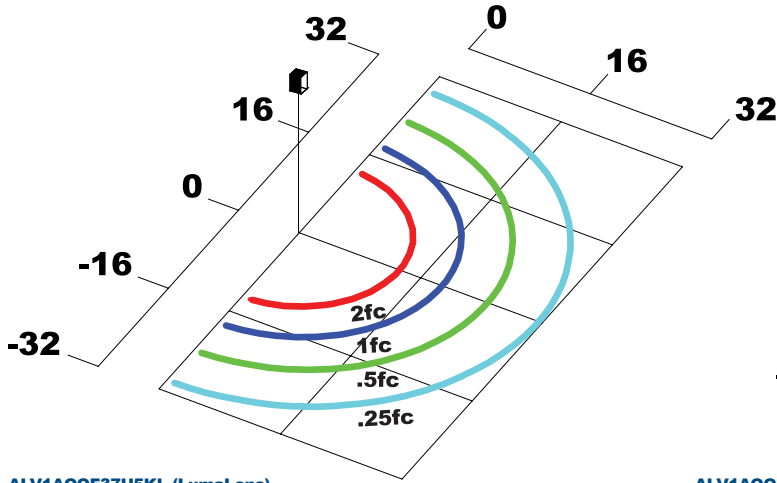
Shown with Slipfitter

Note: Calculations for fixtures tilted up to 30°

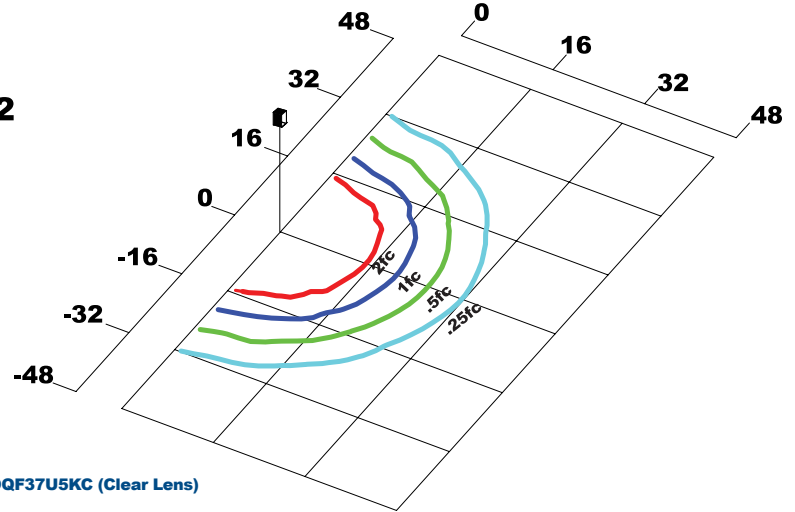
Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)	Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
1	0.42	8 Lbs	2@180° Mount	0.84	16 Lbs	3@90° Mount	0.92	24 Lbs	4@90° Mount	0.92	32 Lbs
			2@90° Mount	0.57	16 Lbs	3@120° Mount	0.84	24 Lbs			

Specifications subject to change without notice. Rev. 021320

**Photometric Data**



**ALV1AQF37U5KL (LumaLens)**  
Type V  
Grid in MH  
MH=16 Feet



**ALV1AQF37U5KC (Clear Lens)**  
Type V  
Grid in MH  
MH=16 Feet

**Photometric Performance**

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	Type V	3,332	128	1	2	1	3,199	123	1	2	1
EasyLED 22w (LumaLens)			Type V	2,945	113	1	3	2	2,828	109	1	3	1
EasyLED 37w (Clear Lens)		43	Type V	5,538	129	2	3	2	5,316	124	2	3	2
EasyLED 37w (LumaLens)			Type V	4,948	115	1	3	2	4,750	111	1	3	2

**Projected Lumen Maintenance**

Data shown for 5000 CCT TM-21-11	Input Watts	Compare to MH					Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs		
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 43w	1.00	0.96	0.92	0.84	187,000	
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.86	0.72	109,000	
L80 Lumen Maintenance @ 40°C / 104°F		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 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.