

JOB NAME: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PART #: \_\_\_\_\_  
 NOTES: \_\_\_\_\_

## PLV4AQ

### 48" Linear LED Die Cast

**L70**  
25°C

**165,000 Hours**



The LEPG PLV4A series wall, pendant and ceiling mount luminaire is available with clear or LumaLens lenses and open door frame designed to replace HID lighting systems up to 400w 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 18 to 30 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.

##### Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750. Note: If using the Quick-Mount Bracket, the power feed must be made at the drill point locations on the sides of the fixture, not through the Bracket to maintain the Wet Locations listing. 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:

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

##### LED:

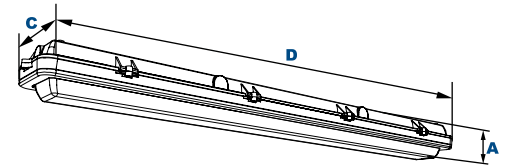
Aluminum Boards



Shown with LumaLens

#### Dimensions

<b>Width (D)</b>	49" (1,247mm)
<b>Length (C)</b>	7" (178mm)
<b>Height (A)</b>	4" (102mm)



#### Wattage:

112w: Array: 112w, System: 126w; (250w HID Equivalent) 136w:  
 Array: 136w, System: 152w; (400w HID Equivalent)

#### Driver:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a 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.

#### Order Information Example:

PLV4AQF136U5KCPS

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
<b>PLV4AQ</b> PLV4AQ= Open Frame 48" Linear LED Die Cast	<b>F</b> F=Wide	<b>112</b> =112w <b>136</b> =136w	<b>U</b> =120-277V <b>H</b> =347-480V	<b>4K</b> =4000K <b>5K</b> =5000K	<b>C</b> =Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens <b>L</b> =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	<b>P</b> =Platinum <b>C</b> =Custom (Consult Factory)	<b>SF</b> =Single Fuse* <b>DF</b> =Double Fuse* <b>SP</b> =Surge Protection  *120-277V Models Only.

## Accessories & Replacement Parts:

### Mounting Accessories (Order Separately, Field Installed)

**PLVAQM** Stainless Steel Quick Mount Bracket. Requires Two Brackets Per Fixture. Note: The power feed must be made at the drill point locations on the sides of the fixture, not through the Bracket, to maintain the Wet Locations listing.

**PLVABRSS** Stainless Steel Adjustable Bracket, Set of Two

**PLV4AYSS** Stainless Steel Yokes for PLV4A, Includes Hardware.



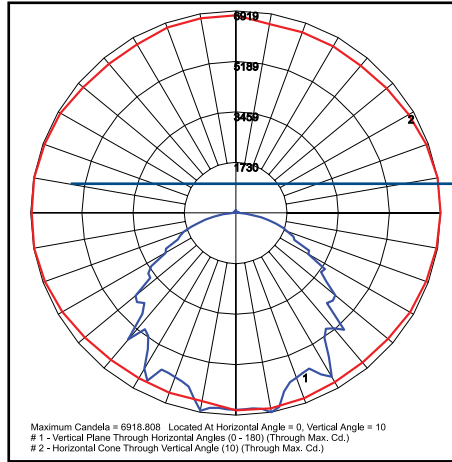
\*Shown Mounted

### Replacement Parts (Order Separately, Field Installed)

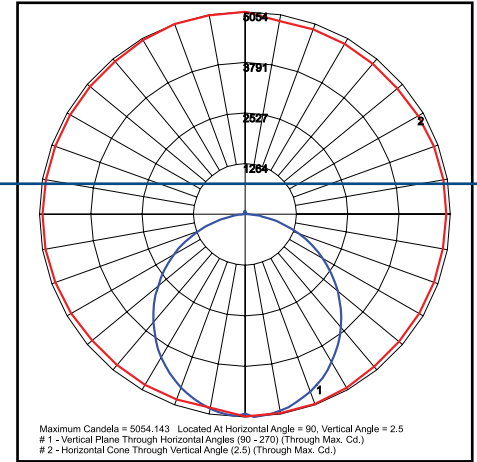
**PLV4ALL** SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal- Resistant Lens

**PLV4APC** Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

### Photometric Data



**PLV4AOQF136U**  
5KC Wide Optic



**PLV4AOQF136U**  
5KL Wide Optic

### Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Spacing Criteria	5000 CCT 80 CRI		4000 CCT 80 CRI	
					Lumens	LPW	Lumens	LPW
112w (Clear Lens)	116	126	Open Frame (110° x 110°)	1.32	16,287	129	15,636	124
112w (LumaLens)			Open Frame (110° x 120°)	1.28	13,720	109	13,172	105
136w (Clear Lens)		152	Open Frame (110° x 110°)	1.32	19,773	130	18,982	125
136w (LumaLens)			Open Frame (110° x 120°)	1.26	16,594	109	15,930	105

### 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 LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 152w	1.00	0.95	0.91	0.82	165,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.92	0.84	0.69	96,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.93	0.86	0.73	74,000

**NOTES:**

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.