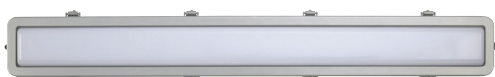
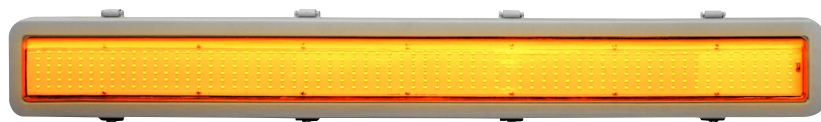


AIHLV4AOQ | **L70**
25°C | **187,000 Hours**

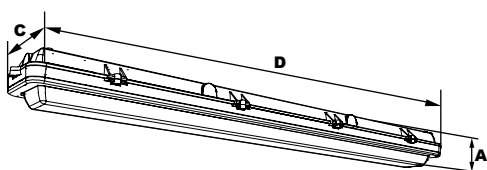
Amber C1D2 Hazardous Location 48"
Linear LED Die Cast



Shown with
LumaLens

Dimensions

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



The Atlantic Amber AIHLV4AOQ Class 1, Division 2 Hazardous Location series wall and ceiling mount luminaire is available with an open door frame designed for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. Typical lighting applications include industrial facilities, oil, gas, and auto service 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, with ½" Tapped Coin Plug Openings for Wiring Entrance Conduits.

Listing & Ratings:

ETL Listed for Hazardous Locations Per UL844 as Follows:
Class 1, Division 2 Groups A, B, C, D; T4 Temperature Rating
Suitable for Wet Locations.

Finish:

Platinum 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:

Mount with Stainless Steel Adjustable Bracket or Yoke. Rated for 6 #12 AWG 90°C for Through Wiring.

LED:

Aluminum Boards

Wattage:

Array: 87w, System: 93w; (150-250w 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 -25°C to +40°C Environment.

See Page 3 for Projected Lumen Maintenance Table.

Project Information:

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

Certification & Listings:



Class 1, Division 2
Groups A, B, C, D
T4 Temperature Rating



Order Information Example:

AIHLV4AOQF87UAMCP

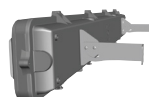
AIHLV4AOQ	F	87		AM		
Model	Optics	Wattage	Driver	CCT	Lens	Color
AIHLV4AOQ = LED Open Frame 48" Linear LED Die Cast	F =Wide	87 =87w	U =120-277V H =347-480V	AM =Amber, 1400K	C =Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens L =SoftLED LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens	P =Platinum C =Custom (Consult Factory)

Accessories & Replacement Parts:

Mounting Accessories
(Order Separately, Field Installed)

AILVABRSS Stainless Steel Adjustable Bracket, Set of Two

AILV4AYSS Stainless Steel Yokes for AIHLV4A, Includes Hardware.

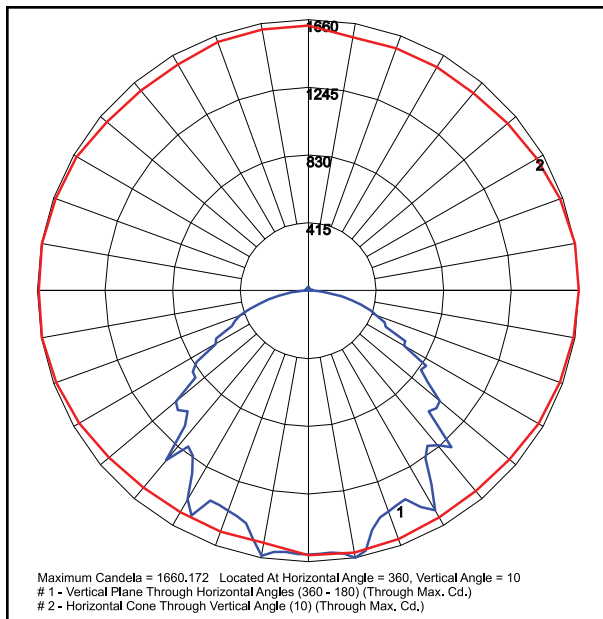


AILVABRSS*

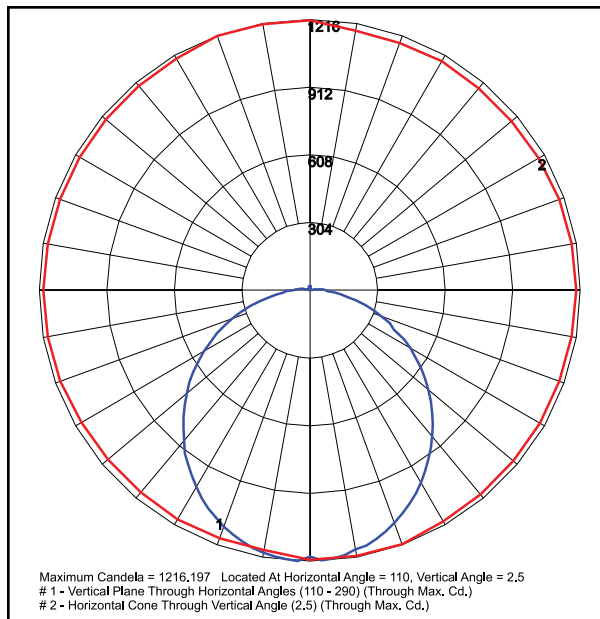
AILV4AYSS*

*Shown Mounted

Photometric Data

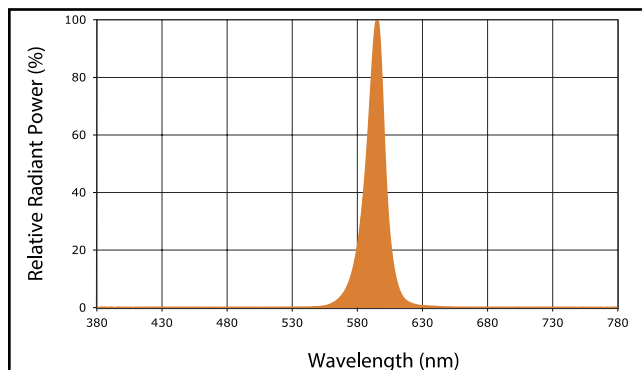


AIHLV4AOQF87UAMC
Wide Optic, Clear Lens



AIHLV4AOQF87UAML
Wide Optic, LumaLens

Spectral Chart



Photometric Performance

				1400 CCT
LED Board Watts	Input Watts	Optics	Spacing Criteria	Lumens
Amber 87w (Clear Lens)	93	Wide Frame	1.32	4,744
Amber 87w (Opal LumaLens)	93	Wide Frame	1.32	3,997

Projected Lumen Maintenance

Data shown for Amber LEDs			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	93	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	107,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.76	82,000

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.