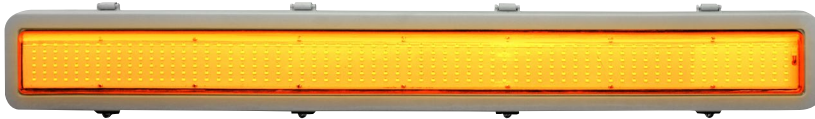


Vapor 4A Amber

Hazardous Location 48" C1D2 Utility Room



L70
25°C 187,000 Hours



The 1882 Lighting VAP4AOQ Class 1, Division 2 Hazardous Location series wall and ceiling mount luminaire is available with a clear lens and open door frame designed to replace HID lighting systems up to 250w MH or HPS 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, painting facilities, 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 1/2" 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 Vandal-Resistant Lens

Mounting Options:

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

AmberLED 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.

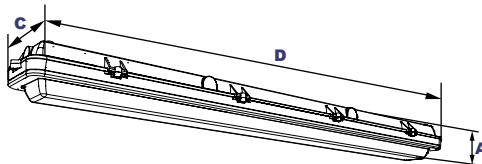
Warranty:

5-Year Warranty for -25°C to +40°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

Dimensions

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



AmberLED

Vapor 4A Amber

Hazardous Location 48" C1D2 Utility Room

Order Information Example:

VAP4A0QF87UAMCP

VAP4A0Q	F	87	U	AM	C	
Model	Optics	Wattage	Driver	CCT	Lens	Color
VAP4A0Q=AmberLED Open Frame 48" Linear LED Die Cast	F=Wide	87=87w	U=120-277V	AM=1400K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens	P=Platinum C=Custom (Consult Factory)

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)

LVABRSS Stainless Steel Adjustable Bracket, Set of Two

LV4AYSS Stainless Steel Yokes for VAP4A, Includes Hardware.

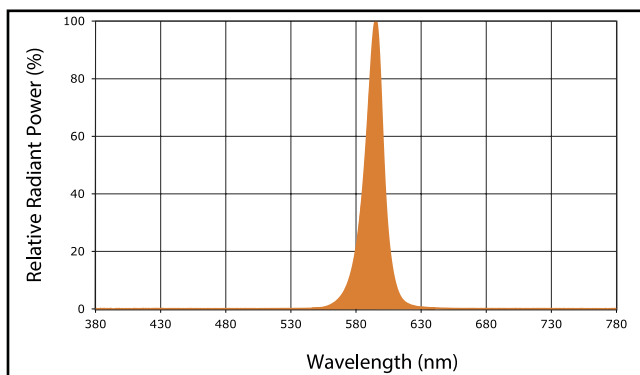


LVABRSS*

LV4AYSS*

*Shown Mounted

Spectral Chart



Projected Lumen Maintenance

Data shown for Amber LEDs	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	93	1.00	0.96	0.92	0.84	187,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.76	82,000

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.