

LV4AQ Amber DuraLED 48" Linear LED Die Cast



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

The DuraGuard Amber Series LV4A series wall, pendant 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 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 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 IP66 Sealed LED Compartment. ADA Compliant (Without Brackets)

FINISH:

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

LENS:

Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

MOUNTING OPTIONS:

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

DURALED LED:

Aluminum Boards



WATTAGE:

Array: 87w, System: 93w; (150-250w HID Equivalent)

DRIVER:

Electronic Driver, 120-277V, 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.

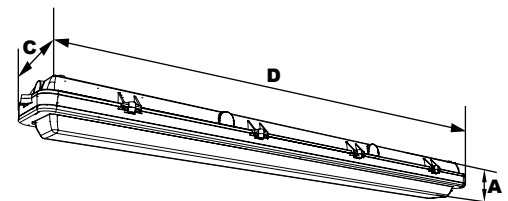
WARRANTY:

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

See Page 2 for Projected Lumen Maintenance Table.



LV4AQ



Dimensions

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

DuraLED TECHNOLOGY

Complete Units
Ordering Information
Example: LV4AOQF87UAMCPS

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DuraLED Amber Series

LV4AOQ	F	87	U	AM	C		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
LV4AOQ= DuraLED Open Frame 48" Linear LED Die Cast	F=Wide	87=87w	U=120-277V	AM=Amber	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens	P=Platinum C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection BU=Battery Backup* BUC=Cold Start Battery Backup, -20°C, 90 Minutes*

*120-277V Models Only.



Specifications subject to change without notice.

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ACCESSORIES & REPLACEMENT PARTS:



LV4AQM



LV4ABRSS*

Mounting Accessories (Order Separately, Field Installed)	
LV4AQM	Stainless Steel Quick Mount Bracket
LV4ABRSS	Stainless Steel Adjustable Bracket, Set of Two
LV4AYSS	Stainless Steel Yoke for LV4A, Includes Hardware.

Replacement Parts (Order Separately, Field Installed)
For Replacement Battery Backup, see the DuraGuard LED Battery Backup Specification Sheet.



LV4AYSS*

*Shown Mounted

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 L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	93	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
L70 Lumen Maintenance @ 50°C / 122°F	93	1.00	0.93	0.86	0.72	107,000

TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	93	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 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.

PHOTOMETRIC DATA

