

ECHLV2AOQ ThermaLED technology

ThermaLED Hazardous Location

24" Linear LED Die Cast



12802 COMMODITY PL
TAMPA, FL 33626
PHONE: 844-636-2036
SALES@ECO-REVOLUTION.COM
WWW.ECO-REVOLUTION.COM

REVOLUTION
A QSSI COMPANY SINCE 1985



L70
(25°C) **138,000 Hours**

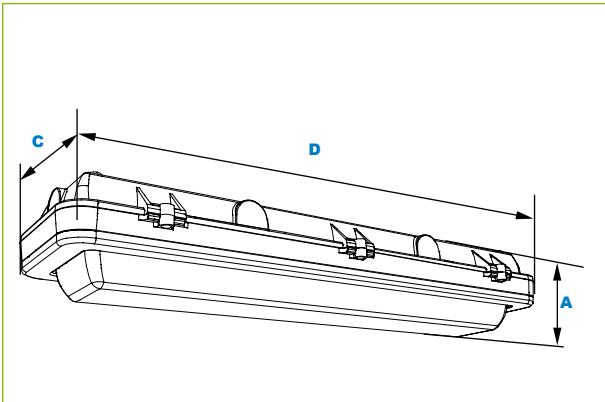


The Eco-Revolution ECHLV2AOQ Class 1, Division 2 Hazardous Location series wall and ceiling mount luminaire is available with clear lens and open door frame designed to replace HID lighting systems from 175w to 250w MH or HPS. Typical lighting applications include industrial facilities, oil, gas, and auto service facilities. Mounting heights of 12 to 25 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.
ThermaLED LED:	Aluminum Boards
Wattage:	47w: Array: 47w, System: 57.8w; (175w HID Equivalent) 66w: Array: 66w, System: 77.3w; (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.



Dimensions

Width (D)	24 1/8" (614mm)
Length (C)	7" (178mm)
Height (A)	4" (102mm)

Certification & Listings:



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

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____



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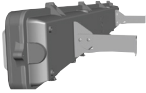
Order Information Example: ECHLV2AOQF66U5KCG

ECHLV2AOQ	F				C	
Model	Optics	Wattage	Driver	CCT	Lens	Color
ECHLV2AOQ = ThermaLED Open Frame 24" Linear LED Die Cast	F=Wide	47=47w 66=66w	U=120-277V H=347-480V	4K=4000K 5K=5000K	C=Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens	P=Platinum C=Custom (Consult Factory)

Accessories & Replacement Parts:

Mounting Accessories (Order Separately, Field Installed)

ECLVABRSS	Stainless Steel Adjustable Bracket, Set of Two
ECLV2AYSS	Stainless Steel Yokes for ECHLV2A, Includes Hardware.

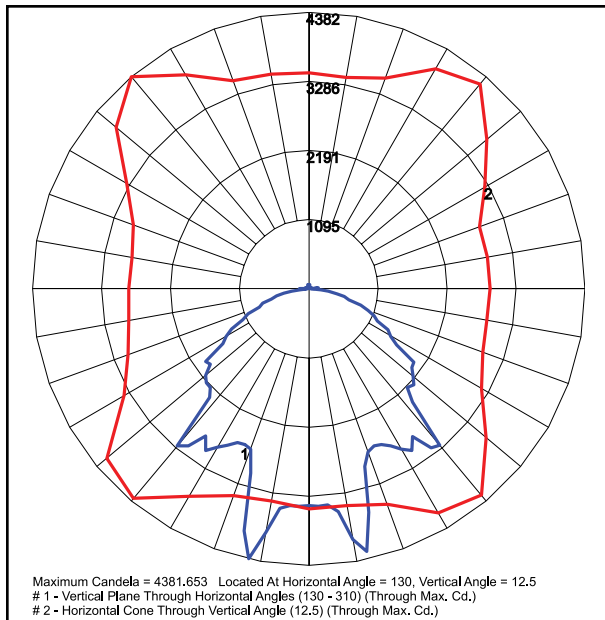


ECLVABRSS*

ECLV2AYSS*

*Shown Mounted

Photometric Data



ECHLV2AOQF66U5KC
Clear Lens

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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
ThermaLED 47w (Clear Lens)	116	58	Open Frame (100° x 100°)	1.22	7,309	126	7,017	121
ThermaLED 66w (Clear Lens)		77	Open Frame (100° x 100°)	1.22	10,294	134	9,882	128

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 77w	1.00	0.95	0.89	0.78	138,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.84	0.68	62,000

- 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.