ECVB43Q ThermaLED Technology

ThermaLED Large Box Mount Vaporproof

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Order Information Example: ECVB43QF1X10U5KGSF

ECVB43Q	F	1X10	U			
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Color**	**Options**
ECVB43Q=ThermaLED Large Box Mount Vaporproof	**F**=Type V	**1X10**=10w	**U**=120-277V	**4K**=4000K **5K**=5000K	**G**=Gray **C**=Custom (Consult Factory)	**SF**=Single Fuse (120-277V Only) **DF**=Double Fuse (120-277V Only) **FG**=Frosted Glass Globe

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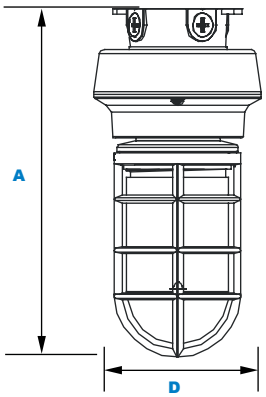
L70 (25°C) 135,000 Hours

The Eco-Revolution ThermaLED Classic LED Box Mount Vaporproof fixture is designed to replace HID lighting systems up to 70w MH or HPS. This vapor resistant fixture can withstand extreme physical and environmental abuse and is ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 12 feet can be used based on light level and uniformity requirements.



Dimensions	
Diameter (D)	7⅛″ (181mm)
Height (A)	15″ (381mm)

Specifications and Features:

Housing:	Heavy Duty Die Cast Aluminum Housing & Screw On Guard, ¾″ NPS Threaded Mounts.
Listing & Ratings:	CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP66 Sealed LED Compartment.
Finish:	Textured Gray Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.
Lens:	Clear Glass Globe Lens Standard. Optional Frosted Glass Globe Lens Available.
Mounting Options:	Surface Mount
ThermaLED LED:	Aluminum Boards
Wattage:	Array: 10w, System: 12.7w (70w HID Equivalent)
Driver:	Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 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 +40°C Environment.

See Page 2 for Projected Lumen Maintenance Table

Certification & Listings:

IP66

Project Information:

Project Name: | Fixture Type:

Complete Catalog #: | Date:

Comments:

5 LOCATIONS
Tampa, FL
Vancouver, WA
Cerritos, CA
Walden, NY
Memphis, TN

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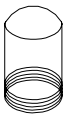
Accessories & Replacement Parts:


ECVG30
ECVG30F


ECVS30A


ECVWGA*


ECCPRB1


ECCPRC1


ECCPRB3

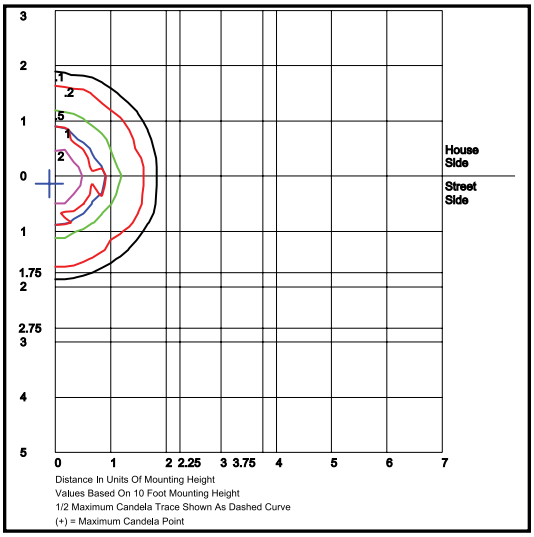

ECVP3G

*Shown Mounted

Accessories (Order Separately, Field Installed)	
ECVS30A	Angled Aluminum Shade, Repaintable Textured Gray Finish. 8¾″ H by 11¾″ Dia.
ECVWGA	Wire Guard for Angled Shade, Stainless Steel
ECCPRB1	Die Cast Round Electrical Box with Five (5) ½″ Coin Plugs
ECCPRC1	Backplate, ½″ Coin Plugs
ECCPRB3	Die Cast Round Electrical Box with Five (5) ¾″ Coin Plugs

Replacement Parts (Order Separately, Field Installed)	
ECVG30	Heat-Treated Clear Glass Globe
ECVG30F	Frosted Glass Globe
ECVP3G	Cast Guard

Photometric Data



ECVB43QF1X10U5K
Type V

Grid in MH
MH=10 Feet

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI Lumens	LPW	B	U	G	4000 CCT 80 CRI Lumens	LPW	B	U	G
ThermaLED 10w	525	13	Type V	836	64	0	2	0	803	62	0	2	0

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 L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	13	1.00	0.94	0.89	0.78	135,000
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	13	1.00	0.85	0.69	0.39	49,000
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	13	1.00	0.92	0.84	0.67	61,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA 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.