

# ThermaLED LEDicated Vaporproof ThermaLED Technology



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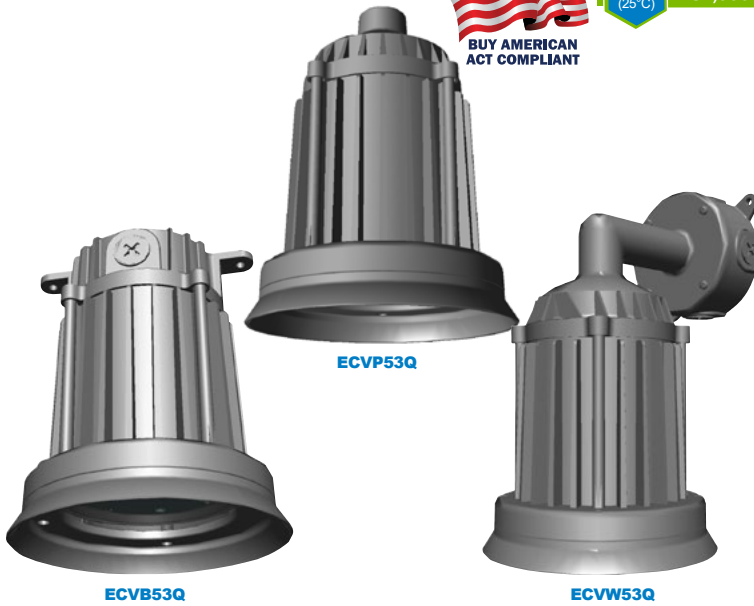
## Order Information Example:

ECVP53QF1X23U5KPSF

Model	Optics	Wattage	Driver	CCT	Color	Options
ECVB53Q=ThermaLED LEDicated Box Mount Vaporproof ECVP53Q=ThermaLED LEDicated Pendant Mount Vaporproof ECVW53Q=ThermaLED LEDicated Wall Mount Vaporproof	F=Type V	1X23=23w	U=120-277V	4K=4000K 5K=5000K	P=Platinum C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only)



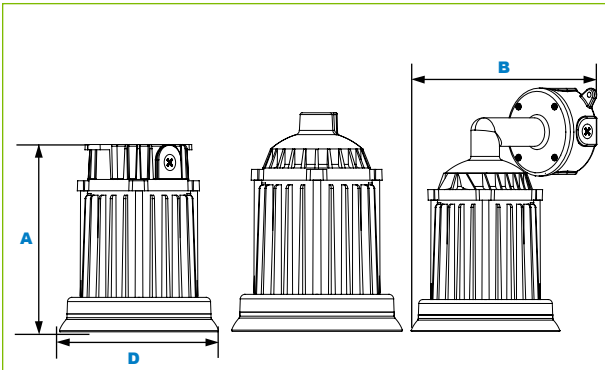
**L70**  
(25°C) **187,000 Hours**



The Eco-Revolution LEDicated Vaporproof fixtures with a choice of mounting configurations are designed to replace HID lighting systems up to 175w 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 14 feet can be used based on light level and uniformity requirements.

## Specifications and Features:

<b>Housing:</b>	Heavy Duty Die Cast Aluminum Housing with Integral Heat Sinking, 3/4" NPS Threaded Mounts.
<b>Listing &amp; Ratings:</b>	CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP66 Sealed LED Compartment
<b>Finish:</b>	Smooth Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.
<b>Lens:</b>	Flat Clear Tempered Glass Lens
<b>Mounting Options:</b>	Pendant Mount or Surface Mount on Wall or Ceiling
<b>ThermaLED LED:</b>	Aluminum Boards
<b>Wattage:</b>	Array: 22w, System: 27w; (175w HID Equivalent)
<b>Driver:</b>	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.
<b>Warranty:</b>	5-Year Warranty for -40°C to +50°C Environment.



Dimensions	
<b>Diameter (D)</b>	7 1/4" (184mm)
<b>Height (A)</b>	ECVP53Q 9 1/4" (235mm) ECVB53Q 8 1/2" (216mm) ECVW53Q 12" (305mm)
<b>Depth (B)</b>	8 3/8" (225mm)

See Page 2 for Projected Lumen Maintenance Table

## Certification & Listings:



<b>Project Information:</b>	Project Name:	Fixture Type:
	Complete Catalog #:	Date:
	Comments:	

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

# ThermaLED LEDicated

## Vaporproof **ThermaLED** Technology



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### Accessories & Replacement Parts:

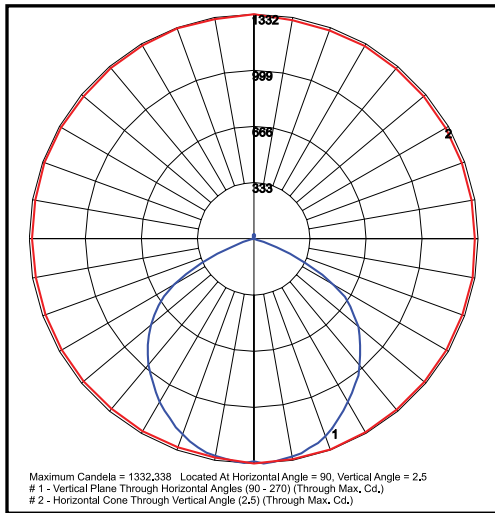


\*Shown Mounted

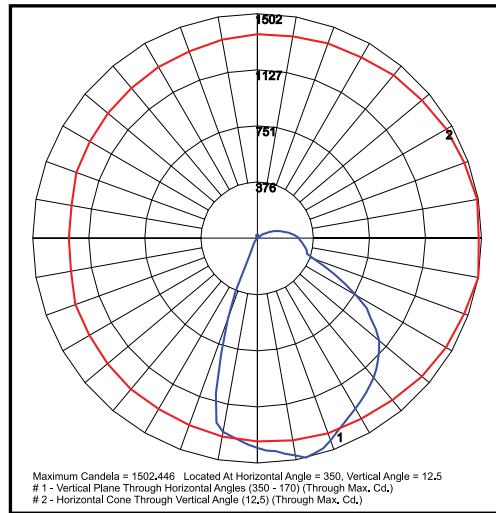
Accessories (Order Separately, Field Installed)	
ECVS30AP	Angled Aluminum Shade, Platinum Powdercoat Finish. 8 3/4" H by 11 1/4" Dia.
ECVS30SP	Straight Aluminum Shade, Platinum Powdercoat Finish. 5 1/2" H by 16" Dia. Not for use with ECVW53.
ECVWGS	Wire Guard for Straight Shade, Stainless Steel
ECVWGA	Wire Guard for Angled Shade, Stainless Steel
ECCPRB	Reducer Bushing, 3/4" to 1/2", use with Swivel Mount
ECCPRB1	Die Cast Round Electrical Box with Five (5) 1/2" Coin Plugs
ECCPRC1	Backplate, 1/2" Coin Plugs
ECCPRB3	Die Cast Round Electrical Box with Five (5) 3/4" Coin Plugs

Mounting Accessories (Order Separately, Field Installed)	
ECCPSPR	Swivel Pendant Mount - Round, for Angled or Straight Ceilings, Fits 3/4" Conduit, Includes Reducer Bushing (to 1/2") & Set Screw, Powdercoat Finish
ECCPSPS	Swivel Pendant Mount - Square, or Angled or Straight Ceilings, Fits 3/4" Conduit, Includes Reducer Bushing (to 1/2") & Set Screw, Powdercoat Finish

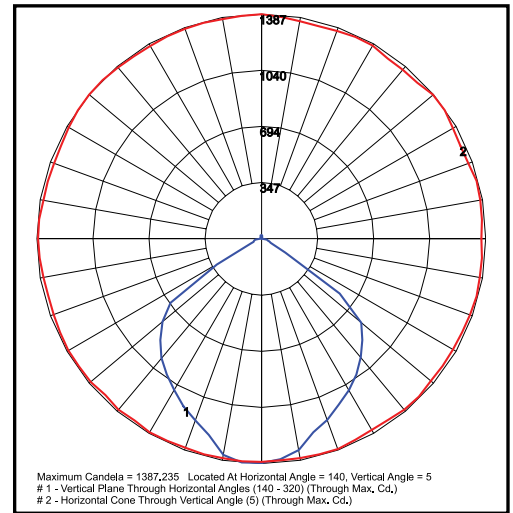
### Photometric Data



**ECVP53QF1X23U5K**  
Type V



**ECVP53QF1X23U5K**  
Type V Angled Shade



**ECVP53QF1X23U5K**  
Type V Straight Shade

### Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80CRI					4000 CCT 80CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
ThermaLED 23w	116	27	(No Shade) Type V	3,385	125	2	2	0	3,097	115	1	2	0
ThermaLED 23w	116	27	(Angled Shade) Type V	2,741	102	1	3	2	2,508	93	1	3	1
ThermaLED 23w	116	27	(Straight Shade) Type V	3,031	112	2	2	1	2,774	103	1	2	1

### 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	27	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	27	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	27	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.