

# VP53Q DuraLED Amber Box Mount Vaporproof



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

The DuraLED Amber Series Box Mount Vaporproof fixture is designed to replace HID lighting systems up to 70w 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. 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.

**SPECIFICATIONS AND FEATURES:**

**HOUSING:**

Heavy Duty Die Cast Aluminum Housing & Screw On Guard, 3/4" 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

**MOUNTING OPTIONS:**

Surface Mount

**DURALED LED:**

Aluminum Boards

**WATTAGE:**

Array: 10w, System: 14.2w (70w HID Equivalent)

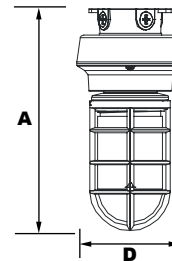
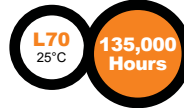
**DRIVER:**

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.



**Dimensions**

**Diameter (D)** | 7 1/8" (181mm)  
**Height (A)** | 15" (381mm)

**DuraLED TECHNOLOGY**

Complete Units  
 Ordering Information  
 Example: VB43QF1X10UAMGSF

## VB43Q DuraLED Amber Box Mount Vaporproof

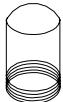
# DuraLED Amber Series

<b>VB43Q</b>	<b>F</b>	<b>1X10</b>	<b>U</b>	<b>AM</b>		
<b>Model</b>	<b>Optics</b>	<b>Wattage</b>	<b>Driver</b>	<b>CCT</b>	<b>Color</b>	<b>Options</b>
VB43Q=DuraLED Amber Large Box Mount Vaporproof	F=Type V	1X10=10w	U=120-277V	AM=Amber	G=Gray C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only)



Specifications subject to change without notice.

# VP53Q DuraLED Amber Box Mount Vaporproof



VG30



VS30A



VWGA\*



CPRB1



CPRC1



CPRB3



VP3G

\*Shown Mounted

Accessories (Order Separately, Field Installed)	
VS30A	Angled Aluminum Shade, Repaintable Textured Gray Finish. 8 3/4" H by 11 3/4" Dia.
VWGA	Wire Guard for Angled Shade, Stainless Steel
CPRB1	Die Cast Round Electrical Box with Five (5) 1/2" Coin Plugs
CPRC1	Backplate, 1/2" Coin Plugs
CPRB3	Die Cast Round Electrical Box with Five (5) 3/4" Coin Plugs

Replacement Parts (Order Separately, Field Installed)	
VG30	Heat-Treated Clear Glass Globe
VP3G	Cast Guard

## PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs				
				Lumens	LPW	B	U	G
DuraLED 10w	116	13	Type V	374	26	0	2	0

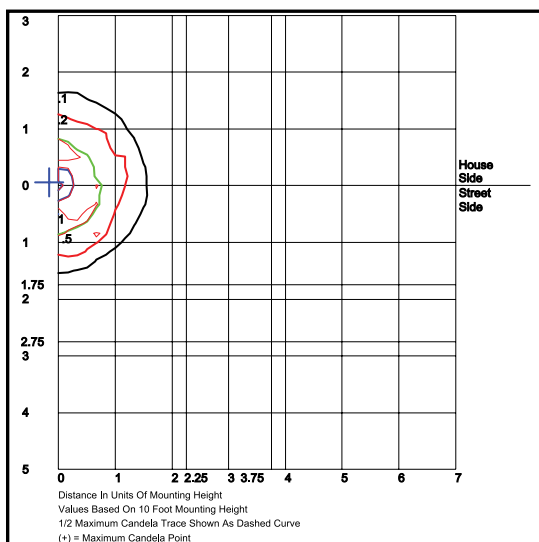
## PROJECTED LUMEN MAINTENANCE

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	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 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.

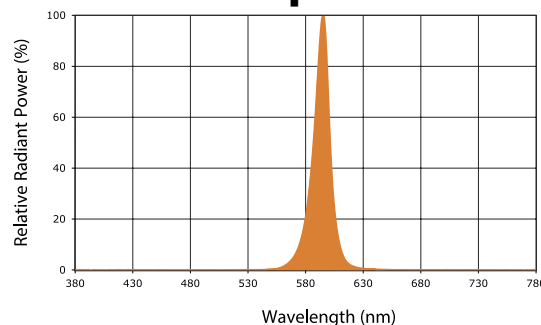
## PHOTOMETRIC DATA



VB43QF1X10UAM  
Type V

Grid in MH  
MH=10 Feet

## Amber LED - Spectral Chart



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