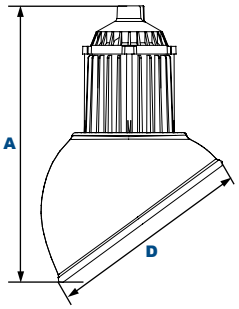
LEDALUX®
A DIVISION OF MULE LIGHTING, INC.

TURTLE-FRIENDLY

AmberLED LEDicated Vaporproof-Angled Shade

L70 25°C **187,000 Hours**

VB53Q VP53Q



Dimensions

Diameter (D)	11¾″ (296mm)
Height (A)	**VP53Q** 16¼″ (414mm) **VB53Q** 15½″ (394mm) **VW53Q** 19″ (483mm)

AmberLED Technology

The AmberLED LEDicated Vaporproof pendant, wall and ceiling mount fixtures with angled shades are available with a shielded IES Type V distribution, and are certified by the Florida Fish & Wildlife Conservation Commission (FWC) for wildlife applications that are directly visible from the shore requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required by FWC. Typical applications include retail centers, hotels, residential, parks, schools and universities, office buildings and medical facilities. Mounting heights of up to 12 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:
Heavy Duty Die Cast Aluminum Housing with Integral Heat Sinking, ¾″ NPS Threaded Mounts. Includes Shade Required to Maintain FWC Certification.

Listing & Ratings:
CSA Listed for Wet Locations, ANSI/UL 1598, 8750
IP66 Sealed LED Compartment

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

Lens:
Flat Clear Tempered Glass Lens

Mounting Options:
Pendant Mount or Surface Mount on Wall or Ceiling

AmberLED:
Aluminum Boards

Wattage:
Array: 22w, System: 27w
(175w HID Equivalent)

Driver:
Electronic Driver, 120-277V, 50/60Hz; Dimmable Driver

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

See Page 2 for Projected Lumen Maintenance Table.

AmberLED

WILDLIFE LIGHTING
Certification #2018-001

Order Information Example: LXVB53Q-F-23W-U-AM-**

	F		U	AM			AS
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Color**	**Options**	**Shield**
LXVB53Q=AmberLED LEDicated Box Mount Vaporproof **LXVP53Q**=AmberLED LEDicated Pendant Mount Vaporproof **LXVW53Q**=AmberLED LEDicated Wall Mount Vaporproof	**F**=Type V	**23W**	**U**=120-277V	**AM**=Amber	**P**=Platinum **C**=Custom (Consult Factory)	**SF**=Single Fuse **DF**=Double Fuse	**AS**=Angled Shade

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:

IP66

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Accessories & Replacement Parts:


VS30A


VWGA*


CPRB


CPRB1


CPRC1


CPRB3


CPSPR


CPSPS

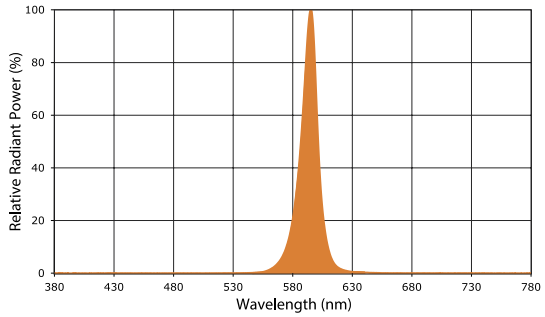
*Shown Mounted

Accessories (Order separately, Field installed)	
VS30A	Angled Aluminum Shade, Repaintable Textured Gray Finish
VWGA	Wire Guard for Angled Shade, Stainless Steel
CPRB	Reducer Bushing, ¾″ to ½″, use with Swivel Mount
CPRB1	Die Cast Round Electrical Box with Five (5) ½″ Coin Plugs
CPRC1	Backplate, ½″ Coin Plugs
CPRB3	Die Cast Round Electrical Box with Five (5) ¾″ Coin Plugs

Mounting Accessories (Order separately, Field installed)	
CPSPR	Swivel Pendant Mount - Round, for Angled or Straight Ceilings, Fits ¾″ Conduit, Includes Reducer Bushing (to ½″) & Set Screw, Powdercoat Finish
CPSPS	Swivel Pendant Mount - Square, or Angled or Straight Ceilings, Fits ¾″ Conduit; Includes Reducer Bushing (to ½″) & Set Screw, Powdercoat Finish

Photometric Data

Amber LED - Spectral Chart



Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics
AmberLED 23w	116	27	Type V

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	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.

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