LEDALUX®

A DIVISION OF MULE LIGHTING, INC.

TURTLE-FRIENDLY

LXVN55

L70 25°C 219,000 Hours

AmberLED Garage Lighter

AmberLED Technology

The AmberLED LXVN55 luminaire is available with a shielded IES Type V distribution, and is 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 covered parking areas, 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:
Low Profile Die Cast Aluminum Housing, ½" Coin Plugs with O-rings for Conduit or External Sensor. Built-in Sensor Housing with Color-Matched Polycarbonate Cover. A Clear Cover will be Provided When a Sensor is Ordered. Includes Full Baffle Required to Maintain FWC Certification.

Listing & Ratings:
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750.
(Damp Locations When Used with VNQM.)
IP65 Sealed LED Compartment.

Finish:
Textured Architectural Bronze or White Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:
Molded UV-Resistant Acrylic Optical Lens Designed for Garage Lighting Applications.

Mounting Options:
Included Easy-Hang Bracket Fits Standard 4" Electrical Box, Allowing One-Person Installation. Optional Quick-Mount/Pendant Bracket Available.

AmberLED:
Aluminum Boards

Wattage:
39w: Array: 39w, System: 43.4w;
52w: Array: 52w, System: 57.2w; (Up to 175w HID Equivalent)

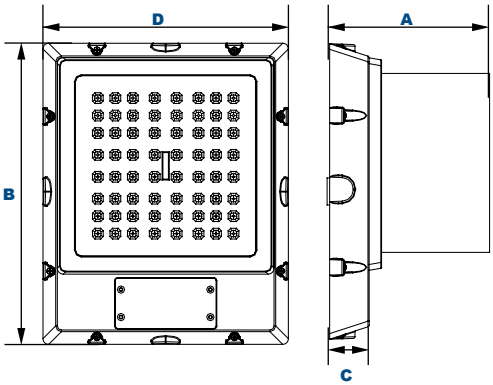
Driver:
Electronic Driver, 120-277V, 50/60Hz; Dimmable Driver

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

See Page 2 for Projected Lumen Maintenance Table.

AmberLED

Certification #2018-001



Dimensions	
Width (D)	11¼″ (285mm)
Length (B)	13¾″ (350mm)
Height 1 (A)	7½″ (193mm)
Height 2 (C)	1⅞″ (47mm)

Order Information Example: LXVN55-F-UNV-AM-BF

LXVN55	F		U	AM			BF
Model	Optics	Wattage	Driver	CCT	Color	Options	Shield
LXVN55= AmberLED Garage Lighter	**F**=Type V	**1X39**=39w **1X52**=52w	**U**=120-277V	**AM**=Amber	**W**=White **Z**=Bronze **C**=Custom (Consult Factory)	**SF**=Single Fuse **DF**=Double Fuse **SP**=Surge Protection **PC1**=Photocell, 120VAC **PC2**=Photocell, 250-305VAC **S2**=Internal Microwave Sensor with Dimming for Mounting Heights of 15´ or Less **QM**=Quick Mount/Pendant Mount **BU**=Battery Backup, 90 Minutes	**BF**=Baffle

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:

Specifications subject to change without notice. Rev. 021518

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Accessories & Replacement Parts:

VNQM

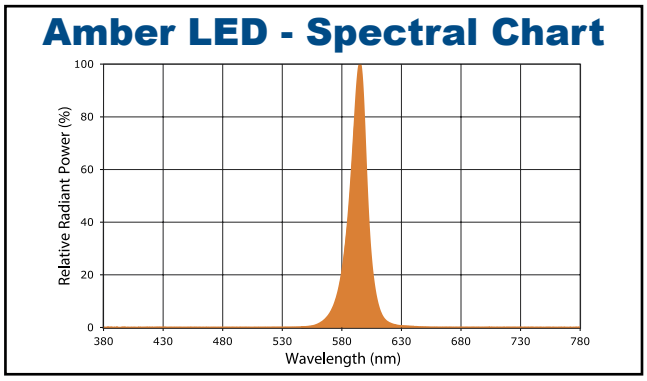
P17117

PC1 & PC2

3EBL1202774500

Replacement Parts (Order separately, Field installed)	
VNQM	Hinged Quick-Mount Bracket, Stamped Steel, Mount Over Recessed Electrical Box, or Use ¾″ NPS Downrod for Pendant Mounting. CSA Listed for Damp Location Mounting.
PC1	120VAC, Photocell
PC2	250-305VAC, Photocell
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 15′ or Less. 120-277VAC, 50/60Hz
3EBL1202774500	Battery Backup, Provides 90 Minutes of Backup Power.

Photometric Data



Photometric Performance

				AmberLEDs	
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW
AmberLED 39w	117	43	Type V	1,877	43
AmberLED 52w	117	57	Type V	2,292	40

Projected Lumen Maintenance

Data shown for AmberLED			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	57	1.00	0.97	0.93	0.86	219,000
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	57	1.00	0.96	0.91	0.82	114,000
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	57	1.00	0.95	0.89	0.78	93,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 117mA 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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