

## EVN55Q AmberLED Garage Lighter



The LEPG AmberLED VN55Q 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, 1/2" 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:

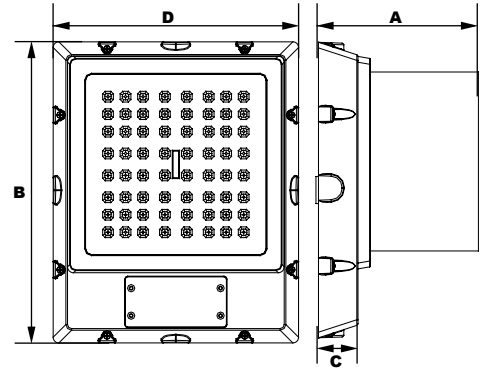
**CSA:** Listed for Wet Locations, ANSI/UL 1598, 8750. (Damp Locations When Used with VNQM.); IP66 Sealed LED Compartment.  
**Finish:** Textured Architectural Bronze or White Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.  
**Lens:** Molded UV-Resistant Acrylic 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; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

**Controls:** Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPG Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

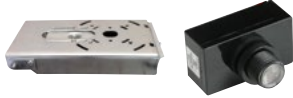
### Order Information:



Dimensions	
<b>Width (D)</b>	11 1/4" (285mm)
<b>Length (B)</b>	13 3/4" (350mm)
<b>Height 1 (A)</b>	7 1/2" (193mm)
<b>Height 2 (C)</b>	1 1/8" (47mm)

Model	Optics	Wattage	Driver	CCT	Color	Options	Shield
<b>Model</b> EVN55Q= AmberLED Garage Lighter	<b>Optics</b> F=Type V	<b>Wattage</b> 1X39=39w 1X52=52w	<b>Driver</b> U=120-277V	<b>CCT</b> AM=Amber	<b>Color</b> W=White Z=Bronze C=Custom (Consult Factory)	<b>Options</b> SF=Single Fuse DF=Double Fuse SP=Surge Protection PC1=Photocell, 120VAC PC3=Photocell, 120-277VAC S2=Microwave Sensor with Dimming for Mounting Heights of 8 to 40' (120-277V Only) QM=Quick Mount/Pendant Mount BU=Battery Backup, 90 Minutes	<b>Shield</b> BF=Baffle

## Accessories & Replacement Parts:



VNQM

P18100 &  
P18103



P17117

### Replacement Parts (Order Separately, Field Installed)

VNQM Hinged Quick-Mount Bracket, Stamped Steel, Mount Over Recessed Electrical Box, or Use 3/4" NPS Downrod for Pendant Mounting. CSA Listed for Damp Location Mounting.

P18100 120VAC Photocell

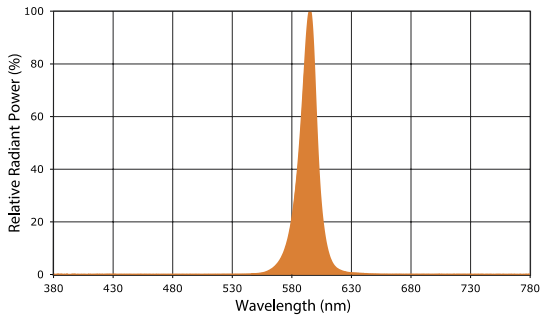
P18103 120-277VAC Photocell

P17117 Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40". 120-277VAC, 50/60Hz.

For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.

## Photometric Data

### Amber LED - Spectral Chart



## Photometric Performance

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

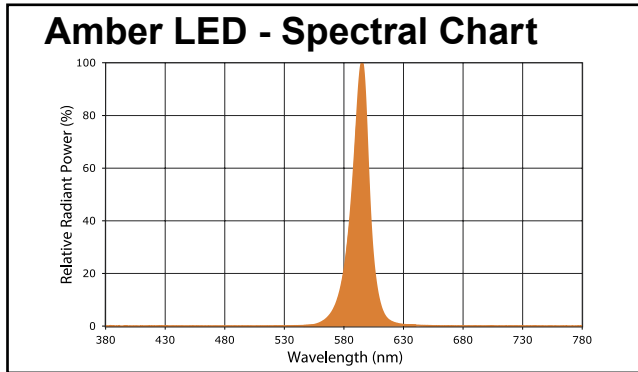
## Projected Lumen Maintenance

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:**

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

**Photometric Data**



**Photometric Performance**

				Amber LEDs	
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW
AmberLED 81w	525	82	Type V	2,607	32

**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	82	1.00	0.98	0.97	0.93	429,000	
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	82	1.00	0.97	0.94	0.88	259,000	
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	82	1.00	0.97	0.95	0.90	195,000	

**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.



Job Name:

Type:

Part #:

Notes:



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Type:

Part #:

Notes:



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Part #:

Notes: