

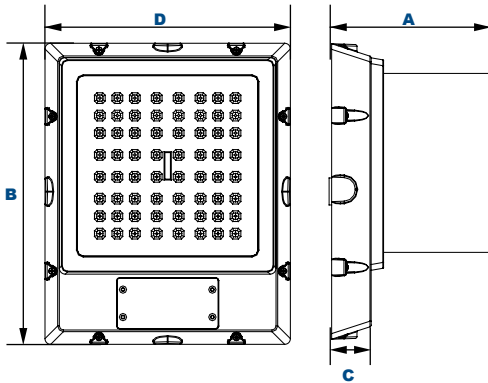


VN55Q

L70
25°C

219,000 Hours

AmberLED Garage Lighter



Dimensions

| | |
|---------------------|--------------|
| Width (D) | 11¼" (285mm) |
| Length (B) | 13¾" (350mm) |
| Height 1 (A) | 7½" (193mm) |
| Height 2 (C) | 1¾" (47mm) |

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, 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; 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.

Warranty:

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

See Page 2 for Projected Lumen Maintenance Table.

AmberLED

Order Information Example:

VN55QF1X52UAMZSPBF

| VN55Q | F | | U | AM | | | BF |
|--------------------------------|----------|----------------------|------------|----------|--|---|-----------|
| Model | Optics | Wattage | Driver | CCT | Color | Options | Shield |
| VN55Q= 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. 043018



Accessories & Replacement Parts:

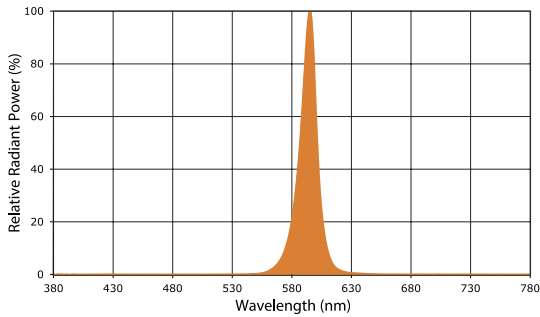


Replacement Parts
(Order separately, Field installed)

| | |
|----------------|---|
| VNQM | Hinged Quick-Mount Bracket, Stamped Steel, Mount Over Recessed Electrical Box, or Use 1/4" 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

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 | Input Watts | Compare to MH | | | | |
|---|-------------|---------------|------------|------------|-------------|----------------------|
| | | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated L70@ 25°C |
| TM-21-11 | 57 | 1.00 | 0.97 | 0.93 | 0.86 | 219,000 |
| L70 Lumen Maintenance @ 25°C / 77°F | | | | | | |
| TM-21-11 | 57 | 1.00 | 0.96 | 0.91 | 0.82 | 114,000 |
| L70 Lumen Maintenance @ 50°C / 122°F | | | | | | |
| TM-21-11 | 57 | 1.00 | 0.95 | 0.89 | 0.78 | 93,000 |
| L80 Lumen Maintenance @ 40°C / 104°F | | | | | | |

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.