

**PROlite LED Lighting™**

A Division of Emergensee® Lighting, Inc.

TYPE: \_\_\_\_\_ DATE: \_\_\_\_\_

JOB NAME: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

CATALOG NO: \_\_\_\_\_

NOTES: \_\_\_\_\_

# PVN55Q

AmberLED Garage Lighter

## 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.

## LISTINGS AND 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 On 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

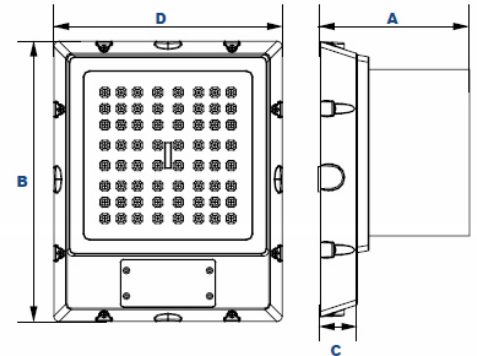
**L70**  
25°C **219,000 Hours**



The LEPG AmberLED PVN55Q 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.

## DIMENSIONS

Dimensions	
Width (D)	11¼" (285mm)
Length (B)	13¾" (350mm)
Height 1 (A)	7½" (193mm)
Height 2 (C)	1¼" (47mm)



Certification #2018-001

## WARRANTY

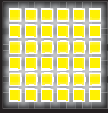
- 5-Year Warranty for -40°C to +50°C Environment.

## ORDERING INFORMATION: EXAMPLE= PVN55QF1X52UAMZSPBF

MODEL	OPTICS	WATTAGE	VOLTAGE	CCT	COLOR	OPTIONS	SHIELD
PVN55Q	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, 240-277VAC 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

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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 3/4" NPS Downrod for Pendant Mounting. CSA Listed for Damp Location Mounting.

PC1 120VAC, Photocell

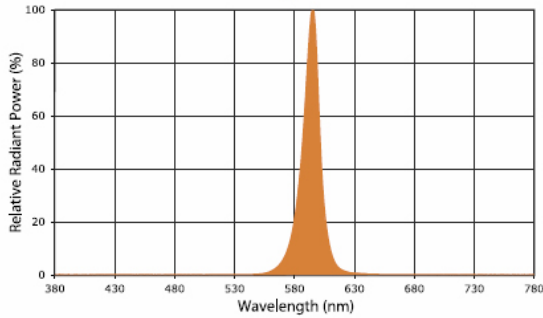
PC2 250-305VAC, Photocell

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		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.