



# KELSEY-KANE LIGHTING MANUFACTURING COMPANY

"Serving Lighting Professionals Since 1978"

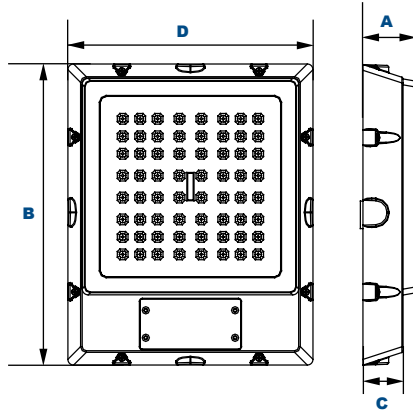
## EasyLED Technology

# VN55Q

L70  
25°C

219,000 Hours

## EasyLED Garage Lighter



### Dimensions

Width (D)	11¼" (285mm)
Length (B)	13¾" (350mm)
Height 1 (A)	2½" (65mm)
Height 2 (C)	1¾" (47mm)

The VN55Q garage luminaire with optional integral sensor is available with an optical distribution designed to replace HID lighting systems up to 175w MH or HPS. Typical parking garage applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 14 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.

#### 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.

#### EasyLED LED:

Aluminum Boards

#### Wattage:

30w Array: 28; System: 30.5; (Up to 100w HID Equivalent)  
37w Array: 37; System: 41; (Up to 100w HID Equivalent)  
48w Array: 48.7; System: 53.9; (Up to 175w HID Equivalent)

#### Driver:

Electronic Driver, 120-277V, 50/60Hz or 347V, 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 LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

#### Warranty:

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

See Page 2 for Projected Lumen Maintenance Table.

### Order Information Example:

VN55QF1X48U5KZSP

VN55Q	F					
Model	Optics	Wattage	Driver	CCT	Color	Options
VN55Q= EasyLED Garage Lighter	F=Type VS	1X30=30w* 1X37=37w* 1X48=48w  *4K Model Only	U=120-277V C=347V	4K=4000K 5K=5000K	W=White Z=Bronze C=Custom (Consult Factory)	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' QM=Quick Mount/Pendant Mount BU=Battery Backup, 90 Minutes

### Project Information:

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

### Certification & Listings:



DesignLights Consortium™  
Qualified Luminares:  
VN55QF1X48U5K\*



Specifications subject to change without notice. Rev. 110918



**Accessories & Replacement Parts:**

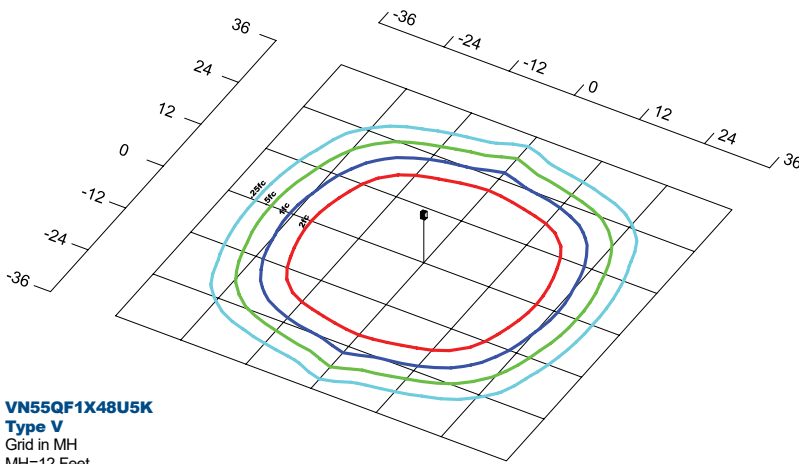


**Replacement Parts  
 (Order Separately, Field Installed)**

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**



**VN55QF1X48U5K**  
 Type V  
 Grid in MH  
 MH=12 Feet

**Photometric Performance**

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 30w	525	31	Type VS	-	-	-	-	-	3,630	117	2	2	1
EasyLED 48w		54	Type VS	6,444	120	3	0	1	6,203	115	2	0	1

**Projected Lumen Maintenance**

Data shown for 5000 CCT			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	54	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	54	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	54	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 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.