

EasyLED Garage Lighter

FXVN55Q



GARAGE LIGHTER

The FXVN55Q garage luminaire with optional integral sensor is available in three wattages 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 16 feet can be used based on light level and uniformity requirements.

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 UV-Stabilized 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 FXVNQM.) 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-Stabilized 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: 30w; System: 34.4w;
37w Array: 37w; System: 42.5w;
48w Array: 48w; System: 55w;
65w Array: 65w; System: 74.6w; (250w HID Equivalent)

DRIVER:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 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 FX Lighting Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

LIFESPAN:

L70>219,000 Hours

WARRANTY:

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

See Page 3 for Projected Lumen Maintenance Table.



PROJECT INFORMATION:	
Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

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We have custom and standard manufacturing options. Use this form to build your part number or reach out to our sales team for assistance.

GET YOUR PRODUCTS FASTER WITH OUR QUICK SHIP PROGRAM

Multiple USA locations = 98-3-1 Quick Ship Program
98% Fill Rate – 3 Day Lead Time – 1 Piece Minimum Order

ORDER EXAMPLE

FXVN55Q

Series

Optics

F

1X48

Wattage

Driver

U

5K

CCT

Color

Z

SP

Options

ORDER CONFIGURATION

Series	Optics	Wattage	Driver	CCT	Color	Options
FXVN55Q= EasyLED Garage Lighter	F=Type VS	1X30=30w (3K,4K Only) 1X37=37w (4K Only) 1X48=48w (4K, 5K Only) 1X65=65w (4K Only)	U=120-277V H=347-480V	3K=3000K 4K=4000K 5K=5000K	W=White Z=Bronze C=Custom (Consult Factory)	SF=Single Fuse* DF=Double Fuse* SP=Surge Protection PC3=Photocell, 120-277VAC S2=Microwave Sensor with Dimming for Mounting Heights of 8' to 40'.* S4=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.* QM=Quick Mount/Pendant Mount BU=Battery Backup, 90 Minutes* BUC=Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.
FXVN55Q	F					

Replacement Parts

(Order Separately, Field Installed)

Options	Description
FXVNQM	Hinged Quick-Mount Bracket, Stamped Steel, Mount Over Recessed Electrical Box, or Use 3/8" NPS Downrod for Pendant Mounting. CSA Listed for Damp Location Mounting.
FXP18103	120-277VAC Photocell
FXP17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz.
FXP17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz

For Replacement Battery Backup, see the FX Lighting LED Battery Backup Specification Sheet.



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FXVN55Q PHOTOMETRIC DATA

Wattage (Catalog Logic)		30W (1X30)	37W (1X37)	48W (1X48)	65W (1X65)
Input Watts		34.4W	42.5W	55W	74.6W
Lumen Package	CCT	Delivered Lumens			
FXVN55Q Type V	3000K	4,590	-	-	-
	4000K	4,776	5,890	7,642	10,348
	5000K	-	-	7,939	-
	BUG Rating	B2-U1-G1	B2-U1-G1	B3-U1-G1	B3-U5-G4

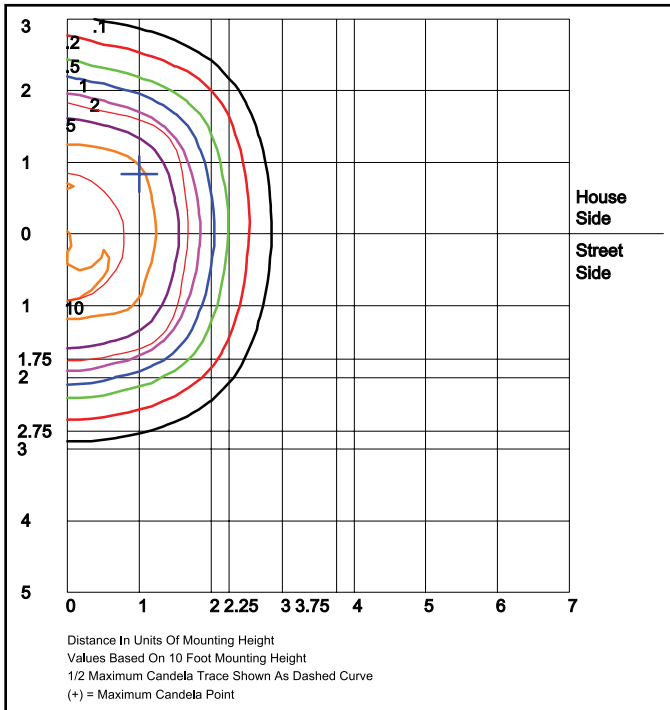
FXVN55Q PROJECTED LUMEN MAINTENANCE

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 75w	1.00	0.97	0.93	0.86	219,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.96	0.91	0.82	114,000
L80 Lumen Maintenance @ 40°C / 104°F		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 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.

FXVN55Q DISTRIBUTION



FXVN55QF1X65U4K
 Type V
 Grid in MH
 MH=10 Feet

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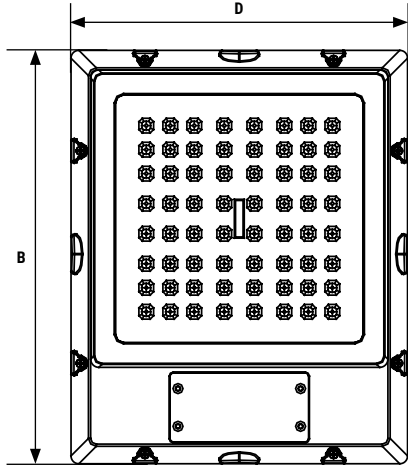
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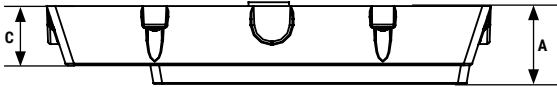
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FXVN55Q DIMENSIONAL DATA



FXVN55Q Dimensions

Width (D)	11 $\frac{1}{4}$ " (285mm)
Length (B)	13 $\frac{3}{4}$ " (350mm)
Height 1 (A)	2 $\frac{1}{2}$ " (65mm)
Height 2 (C)	1 $\frac{1}{8}$ " (47mm)



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Information provided is subject to change. Please verify all details with FX Lighting. All values are designed to standard industry values when measured under laboratory conditions, and FX Lighting makes no warranty or guarantee, expressed or implied, that such performance will be obtained under end-use conditions.

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