

# EasyLED Low Profile Large Surface FXVN44Q



SOFTLED • HARSH ENVIRONMENTS • SURFACE MOUNT

The FXVN44Q Low Profile Large Surface Mount luminaire is available with an optical distribution designed specifically to replace HID lighting systems up to 175w MH or HPS. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 12 to 20 feet can be used based on light level and uniformity requirements.

## HOUSING:

Die Cast Aluminum Housing, 1/2" Coin Plugs with O-rings for Conduit & Photocell on Three Sides & Back, Nickel-Plated Stainless Steel Hardware.

## LISTING & RATINGS:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

## FINISH:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

## LENS:

SoftLED Low Profile LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens

## MOUNTING OPTIONS:

Mount Directly Over a 4" Recessed Outlet Box, or Use 1/2" Surface Conduit.

## EASYLED LED:

Aluminum Boards

## WATTAGE:

Array: 45.4w, System: 53.7w; (175w 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>147,000 Hours

## WARRANTY:

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

See Page 3 for Projected Lumen Maintenance Table.



## PROJECT INFORMATION:

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

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

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

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## FXVN44Q



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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

FXVN44Q  
Series
F  
Optics
1X45  
Wattage
U  
Driver
5K  
CCT
LP  
Lens
Z  
Color
SP  
Options

#### ORDER CONFIGURATION

Series	Optics	Wattage	Driver	CCT	Lens	Color	Options
FXVN44Q=EasyLED Low Profile Large Surface Mount	F=Type V	1X45=45w	U=120-277V H=347-480V	4K=4000K 5K=5000K	LP=SoftLED Low Profile LumaLens Opal UV-Stabilized Polycarbonate Lens	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'.* BU=Battery Backup, 90 Minutes* BUC=Cold Start Battery Backup, -20°C, 90 Minutes*  *120-277V Models Only.
FXVN44Q	F	1X45			LP		

#### Replacement Parts

(Order Separately, Field Installed)

Options	Description
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.



FXP18103



FXP17117



FXP17123

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## FXVN44Q PHOTOMETRIC DATA

		Wattage (Catalog Logic)	45W (1X45)
		Input Watts	53.7W
Lumen Package	Optic	CCT	Delivered Lumens
FXVN44Q	Type V	4000K	5,498
		5000K	5,727
		Bug Rating	B2-U3-G2

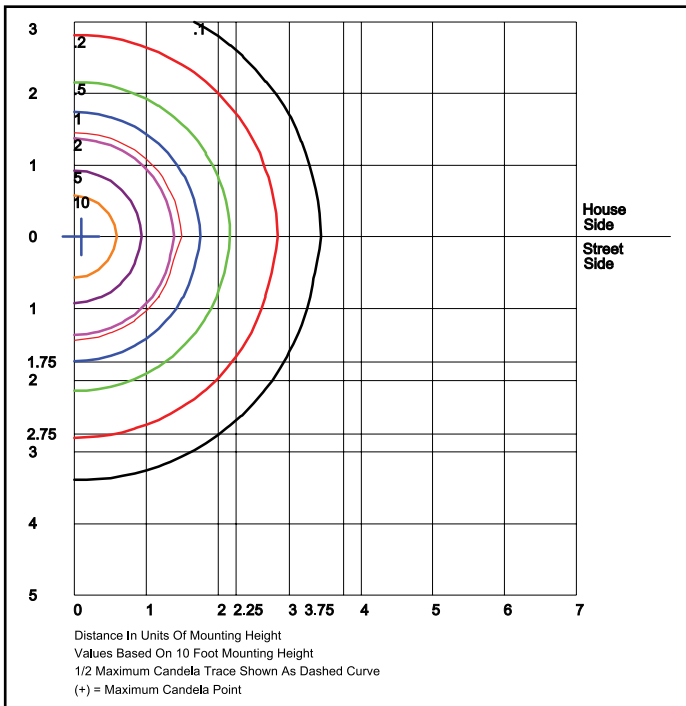
## FXVN44Q PROJECTED LUMEN MAINTENANCE

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		1.00	0.95	0.90	0.80	147,000
L70 Lumen Maintenance @ 50°C / 122°F	54	1.00	0.89	0.78	0.55	67,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.85	0.70	66,000

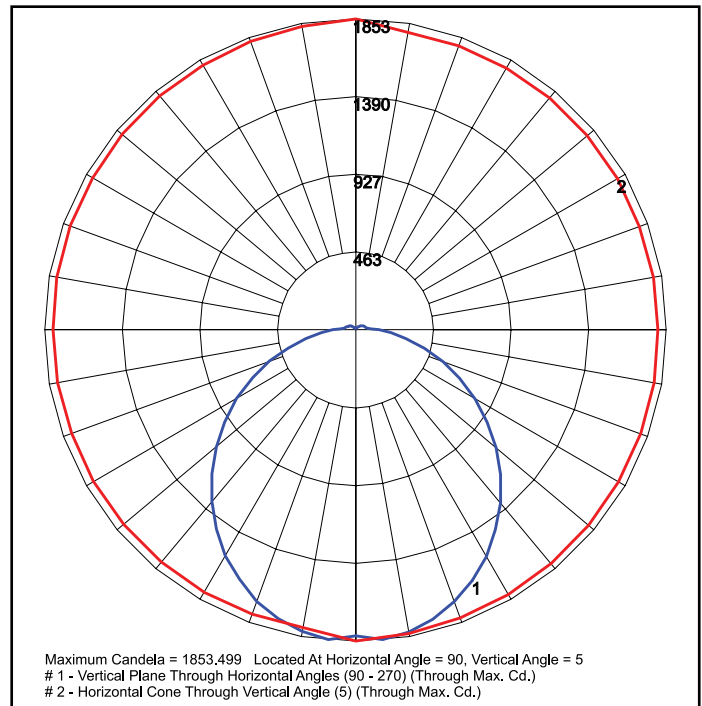
**NOTES:**

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.

## FXVN44Q DISTRIBUTION



FXVN44QF1X45U5KLP  
Type V  
Grid in MH  
MH=10 Feet



FXVN44QF1X45U5KLP  
Type V

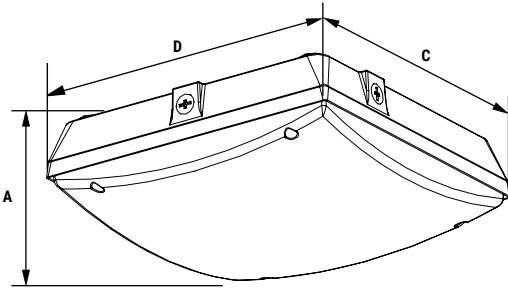
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## FXVN44Q DIMENSIONAL DATA



### Dimensions

Width (D)	12½" (315mm)
Length (C)	12½" (315mm)
Height (A)	4¼" (106mm)

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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.