

EasyLED OptiMAX

FXNOPMXQ

NSF 2 • IP66 • COLD STORAGE • HIGH BAY



The FXNOPMXQ FX Lighting OptiMAX Suspended LED High Bay luminaire provides controlled illumination for general and task lighting designed for the harsh environments found in food processing and heavy manufacturing facilities. The OptiMAX luminaire utilizes high efficiency LEDs to reduce maintenance and lower energy costs. These high-quality durable fixtures are used in food and beverage processing, meat and poultry processing, livestock agricultural facilities, heavy industrial, and manufacturing facilities. Typical lighting applications include meat and poultry processing, food and beverage processing, cold storage, harsh environment industrial, vehicle wash facilities, pharmaceutical and scientific labs. Mounting heights of 16 to 40 feet can be used based on light level and uniformity requirements.

HOUSING:

Heavy-Duty Die Cast Aluminum Housing construction with silicone gaskets and stainless-steel fasteners. Drivers, sensors, and battery backup are mounted internally for easy maintenance.

LISTING S & RATINGS:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750. ETL Sanitation certified to National Sanitation Foundation ANSI NSF2, Food Splash Zone. IP66 Sealed LED Compartment, Pressure wash rated to 1400 PSI.

FINISH:

Powdercoat Finish Over a Chromate Conversion Coating.

LENS:

Clear UV-Stabilized Polycarbonate or Optional DR Acrylic Lens. Medium Distribution (80° Beam).

MOUNTING OPTIONS:

Suspended Using Die Cast Aluminum Captive Hook.

EASYLED LED:

Aluminum Boards

WATTAGES:

100w, 150w, 200w, or 240w Array

POWER INPUT:

Includes 6' Yellow Cable (5-Conductor Wire to Pigtails); (Black, White, Green, Purple, Gray)

DRIVER:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 4KV to 6kV depending on wattage. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

CONTROLS:

Fixtures Ordered with Factory-Installed 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.

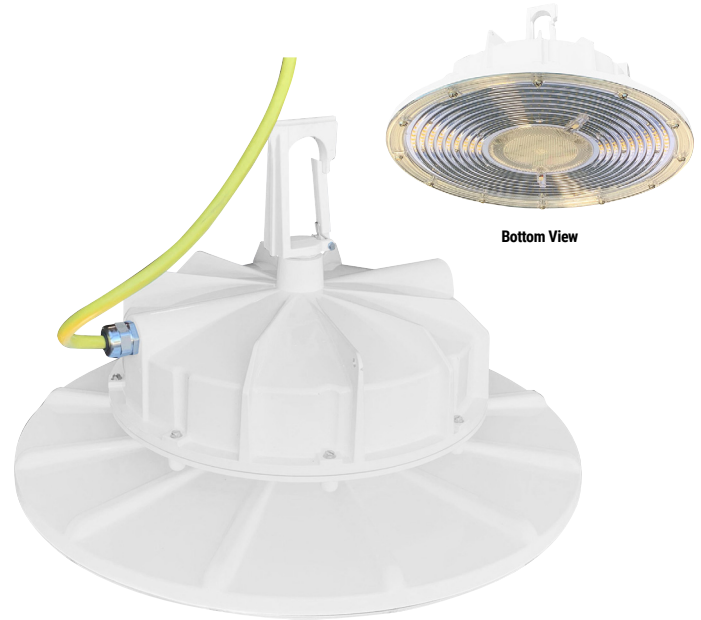
LIFESPAN:

L70 > 182,000 Hours

WARRANTY:

5-Year Warranty for -40°C to +55°C Environment.

See Page 3 for Projected Lumen Maintenance Table.



Bottom View



NSF 2 – FOOD SPLASH ZONE

An ETL Sanitation Mark on Food Service Equipment indicates that equipment is tested to ANSI/NSF 2 is fit for use in the production of food intended for human consumption, or the equipment is fit for use in an environment where food intended for human consumption is produced.

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

STANDARD MODELS ORDER EXAMPLE

FXNOPMXQ
Series
M
Optics
1X150
Wattage
U
Driver
4K
CCT
CP
Lens
W
Color
SP
Options

ORDER CONFIGURATION

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
FXNOPMXQ=OptiMAX EasyLED Food Processing High Bay Fixture	M=Medium Beam 80° Optics	1X100=100W 1X150=150W 1X200=200W 1X240=240W	U=120-277V H=347-480V* *100 & 150W Model Only.	4K=4000K 5K=5000K	CP=Clear Polycarbonate* CA=Clear DR Acrylic *Not recommended for Alkaline Industrial Cleaners.	W=White	SF=Single Fuse* DF=Double Fuse* SP=10 KV Surge Protector 120-277V SP2=20 KV Surge Protector 120-277V SPH=10 KV Surge Protector 347-480V SS=Internal Microwave Sensor with Dimming for Mounting Heights of 25' or less* BU=Battery Backup, 90 Minutes*♦ *120-277V Models Only. ♦100W 120-277V Models Only. Ambient Temperature for Battery Backup 5°C to 40°C
FXNOPMXQ						W	

NOTE: Includes 6 FT 5-wire cord

Order Information Example: FXNOPMXQM1X150U4KCPWSP

ACCESSORIES & REPLACEMENT PARTS:

ACCESSORIES

(Order Separately, Field Installed)

Options	Description
FXCPSC6	6 FT Safety Cable
FXP17126	Remote Programming Tool for FXP17125



FXCPSC6



FXP17126

REPLACEMENT PARTS

(Order Separately, Field Installed)

Options	Description
FXP17125	Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See FXP17125 Spec. Page for Details.

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



FXP17125

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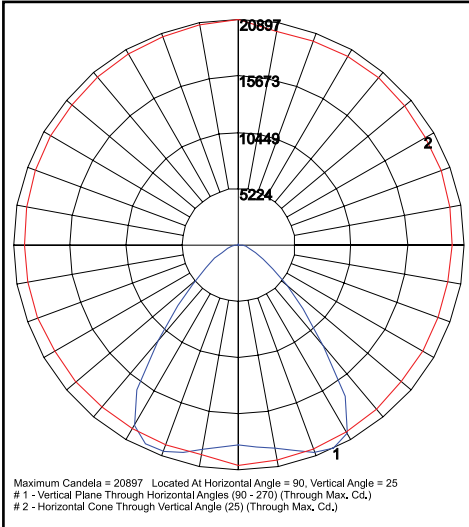
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FXNOPMXQ PHOTOMETRIC DATA:



FXOPMXQM1X240U5K
Grid in feet, Mounting Height = 25 ft.

FXNOPMXQ PHOTOMETRIC DATA

Wattage (Catalog Logic)		100W (1X100)	150W (1X150)	200W (1X200)	240W (1X240)
Input Watts		110.3w	168.4w	208.7w	253.7w
Beam	CCT	Delivered Lumens			
M = Medium - 70° Beam	4000K	15,523	23,698	30,959	37,641
	5000K	16,044	24,494	31,999	38,905

FXNOPMXQ 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 254w	1.00	0.96	0.92	0.84	182,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.86	0.71	104,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.74	80,000

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.

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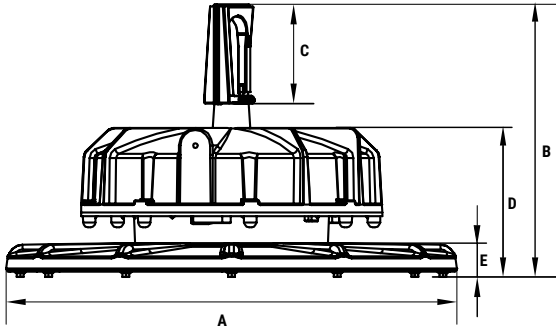
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FXNOPMXQ DIMENSIONAL DATA



FXNOPMXQ Dimensions

Diameter (A)	17" (456mm)
Height 1 (B)	10 1/2" (275mm)
Height 2 (C)	4" (100mm)
Height 3 (D)	6 3/8" (175mm)
Height 4 (E)	1 3/8" (34mm)

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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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