

# DGNOPMX DuraLED OptiMAX High Bay

## NSF 2 • IP66 • COLD STORAGE • HIGH BAY

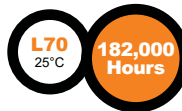


<b>Project Information</b>	
Project Name: _____	Fixture Type: _____
Complete Catalog #: _____	Date: _____
Comments: _____	



The DGNOPMXQ DuraGuard OptiMAX pendant mount 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.

### SPECIFICATIONS AND FEATURES:



#### HOUSING:

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

#### LISTING & 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:

Pendant Mount Using Die Cast Aluminum Captive Hook.

#### DURALED LED:

Aluminum Boards

#### WATTAGE:

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.

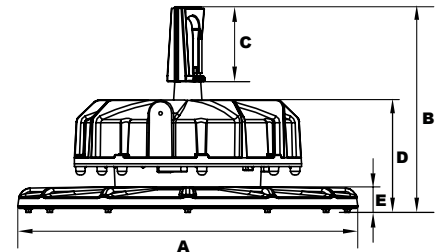
#### CONTROLS:

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 DuraGuard 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 +55°C Environment.

See Page 3 for Projected Lumen Maintenance Table.



#### Dimensions

<b>Diameter (A)</b>	17" (456mm)
<b>Height 1 (B)</b>	10 1/8" (275mm)
<b>Height 2 (C)</b>	4" (100mm)
<b>Height 3 (D)</b>	6 7/8" (175mm)
<b>Height 4 (E)</b>	1 3/8" (34mm)



Intertek

#### 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.

### DuraLED TECHNOLOGY



# DGNOPMX DuraLED OptiMAX High Bay NSF 2 • IP66 • COLD STORAGE • HIGH BAY



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

Complete Units Ordering Information  
Example: **DGNOPMXQM1X150U4KCPWSP**

## DGNOPMX DuraLED OptiMAX High Bay NSF 2 • IP66 • COLD STORAGE • HIGH-BAY

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

NOTE: Includes Staines Steel chain mounting kit and 6 FT 5-wire cord

### ACCESSORIES & REPLACEMENT PARTS:

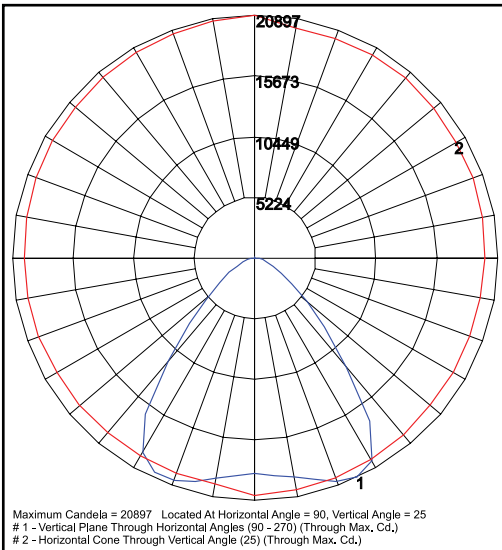
Accessories (Order Separately, Field Installed)	
CPSC6	6 FT Safety Cable
P17126	Remote Programming Tool for P17125



Replacement Parts (Order Separately, Field Installed)	
P17125	Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P17125 Spec. Page for Details.
For Replacement Battery Backup, see the DuraGuard LED Battery Backup Specification Sheet.	



### PHOTOMETRIC DATA



**DGNOPMXQM1X240U5K**  
Grid in feet, Mounting Height = 25 ft.

Specifications subject to change without notice.

# DGNOPMX DuraLED OptiMAX High Bay

## NSF 2 • IP66 • COLD STORAGE • HIGH BAY

**DuraGuard**  
PRODUCTS INC.  
A QSSI Company



### PHOTOMETRIC PERFORMANCE

Optic	CCT	Delivered Lumens			
		100W (1X100)	150W (1X150)	200W (1X200)	240W (1X240)
M = Medium - 80° Beam	4000K	15,523	23,698	30,959	37,641
	5000K	16,044	24,494	31,999	38,905

### PROJECTED LUMEN MAINTENANCE

Data shown for 5000 CCT TM-21-11	Watts	Compare to MH				Calculated LED Life
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	
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	0.75	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.