

POSEIDON™

NSF 2 • IP66 • IP69K • LINEAR TASK LIGHT



FOOD & BEVERAGE
PROCESSING



MANUFACTURING
& DISTRIBUTION



LIVESTOCK
FARMING

The Poseidon is designed for the harsh environments found in food processing, heavy industrial manufacturing, warehouse, and distribution facilities. The IP66 waterproof design is an ideal task light to retrofit existing linear fluorescent as well as HID high-bay fixtures.



PERFORMANCE

LUMEN OUTPUT	7,500-20,000 lumens
LIFESPAN	L70> 72,000 Hours
AMBIENT TEMPERATURE	-4°F to 122°F (-20°C to 50°C)
WARRANTY	5 Years
EFFICACY	Up to 130 LPW
POWER WASHING	Up to 1600 PSI

ELECTRICAL

OPERATING VOLTAGE	120-277V
INPUT FREQUENCY	50/60Hz
INPUT WATTAGE	4ft - 58W, 80W / 8ft - 80W, 160W
SURGE PROTECTION	2.5kV
DIMMING	0-10V
POWER INPUT	Standard 6' Yellow Cable (5-conductor wire to pigtails) (Black, White, Green, Purple, Gray)

CONSTRUCTION

IP RATING	IP66
IK RATING	IK10
DIMENSIONS	4ft - 49.41"L x 3.15"D / 8ft - 97.42"L x 3.15"D
ENDCAPS	Die Casted Aluminum Alloy
FINISH	Heat Dissipating Powder Coat
LENS	Shatterproof Polycarbonate (Not Recommended for Alkaline Industrial Cleaners)

OPTICAL

CRI	≥80
CCT	4000K, 5000K
BEAM ANGLE	120°

PROJECT

CATALOG CODE

TYPE

NOTES



Not all product variations listed on this page are DLC qualified.
Visit www.designlights.org/searchto to confirm.



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.

FXLSolutions.com • (800) 533-2789 • info@FXLSolutions.com

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ORDERING INFORMATION

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 QUICKSHIP PROGRAM

PSN4F80WUNV50K ships same day, if order is received before 12 pm EST. Standard delivery time applies. Our QuickShip POSEIDON features:

LENGTH	4ft	VOLTAGE	120-277V
WATTAGE	80W	COLOR TEMP	5000k

ORDER EXAMPLE

PSN ^{Length} 4F ^{Voltage} 80W UNV ^{Color Temp} 50K
Series Wattage

ORDER CONFIGURATION

STANDARD VALUES

Series	Length	Wattage	Voltage	Color Temp	
PSN	4F 4 foot	4ft	UNV 120-277V	40K 4000k	
	8F 8 foot	58W 58watts		80W 80watts	50K 5000k
		80W 80watts		160W 160watts	
PSN			UNV		

ACCESSORIES (ORDER SEPARATELY)

Order Code	Description
WM	Wall Mount Bracket
P3	3pin Mini Connector Male Plug
5P	120v Plug
L7P	Locking 277v Plug

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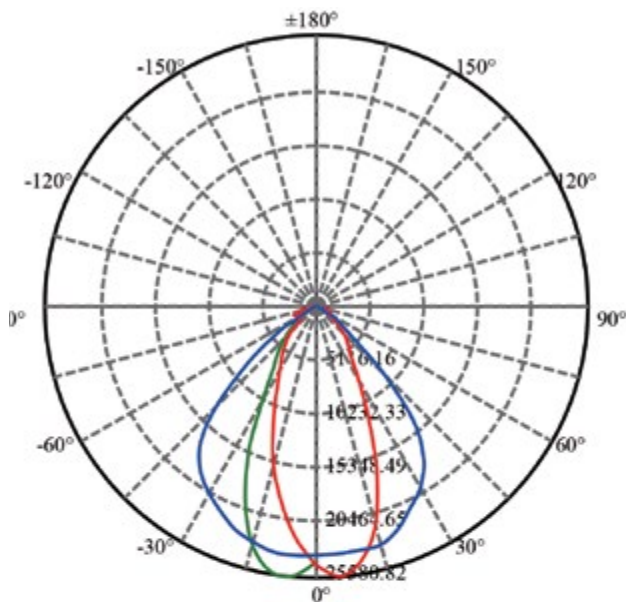
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OPERATING CHARACTERISTICS

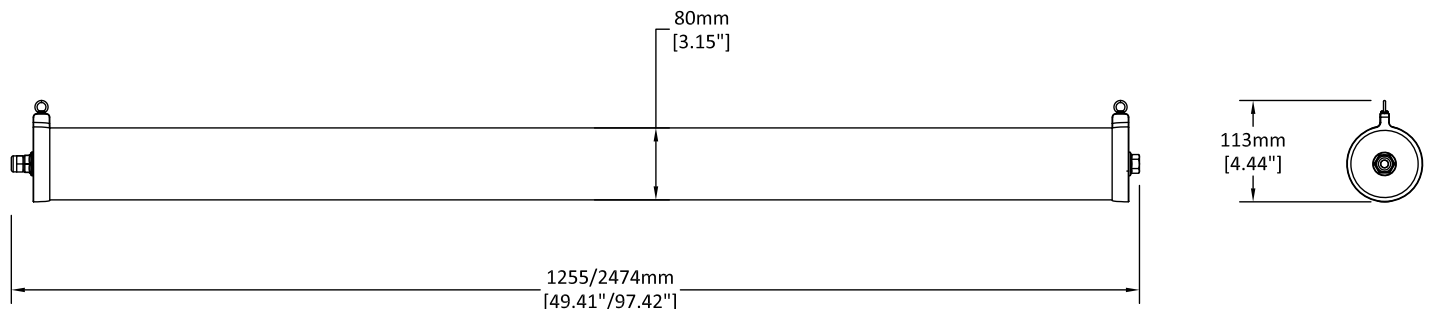
POSEIDON CHARACTERISTICS

Lumen Package	Wattage		Amp Draw		Length	Diameter	Diameter with Ring Mount	Comparable Light Source
	120V	277V	120V	277V				
7,500 L	60	58	0.50	0.22	49.41"	3.15"	4.4"	2 Lamp T8 Vapor
10,000 L	80	78	0.68	0.30	49.41"	3.15"	4.4"	4 Lamp T8 Vapor, 2 Lamp T5 HO Vapor
10,000 L	80	78	0.68	0.30	97.42"	3.15"	4.4"	2 Lamp 8' T8 Vapor
20,000 L	160	157	1.35	0.60	97.42"	3.15"	4.4"	4 Lamp 8' T5 HO Vapor

DISTRIBUTION DIAGRAM



DIMENSIONAL DATA



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DIMENSIONAL DATA

MOUNTING OPTIONS

Surface Bracket and Adjustable Cables included with all Poseidon fixtures



**SURFACE BRACKET
(2 EACH INCLUDED)**



**ADJUSTABLE CABLE
(2 EACH INCLUDED)**



**WALL MOUNT BRACKET
(ORDER SEPARATELY)**

