



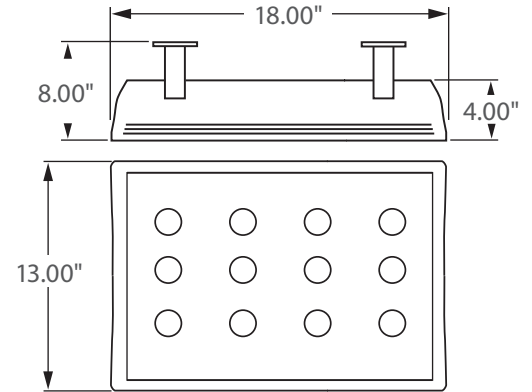
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OUTDOOR RATED
IP66

** AVAILABLE **

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's low-profile LED fixtures feature a sleek architectural design and durability to be used in new construction or retrofit applications. The LED-49 series fixture features excellent optics and its rugged design allows for use in a variety of indoor and outdoor applications. It can replace existing HID & HPS fixtures up to 250 Watts.

APPLICATION

- Indoor Low-Bay Lighting
- Parking Garage Lighting
- Canopy Lighting
- Freezer Lighting
- Storage Lighting
- Security Lighting
- Area Lighting
- Tunnel Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling fins.
- Heat and impact resistant tempered glass lens with anti-glare diffuser.
- Corrosion resistant electrocoat dark grey finish (custom colors available).
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Various mounting options available.
- High Output COB LED's.
- High power factor, low THD driver with 6kV/3kA surge protection.
- High performance Thermal Management system.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-49075-18-UNV-0-10VDIM-750-MD-PDM-C3
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	CCT	Accessories	Options
LED-49 = Low-Profile	075-18 = 75 W 100-18 = 100 W 120-18 = 120 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24V DC * * Only available up to 100W	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming * * Includes Motion Sensor ** Contact Factory for dimming options	735 = 3500°K 741 = 4100°K 750 = 5000°K * * Standard	MD = Motion Sensor ON/OFF DLH = Day Light Harvesting* GPPL = Gripple Hangers PDM = Pendant Mount * Used with 0-10V Dimming **See pg. 2 for mounting	C3* = 3' Cord-No Plug (other lengths available C6 = 6' cord) PC3 = 3' Cord with NEMA Plug (verify plug type when ordering) * Standard



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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-49075-18-UNV	Low Profile LED Fixture	75	77	9,000	120-277	0.65 - 0.28	<20%	>0.90	30 lbs
LED-49100-18-UNV	Low Profile LED Fixture	100	102	12,000	120-277	0.87 - 0.37	<20%	>0.90	30 lbs
LED-49120-18-UNV	Low Profile LED Fixture	120	122	14,400	120-277	1.05 - 0.45	<20%	>0.90	30 lbs

SPECIFICATIONS

- Driver Constant Current
- Start Method InstantON
- Hot Re-start InstantON
- Power Supply 350mA
- Driver UL Rating Class 1
- Driver UL Outdoor Rated Wet Location
- Sound Rating Class A
- ANSI Surge Protection IEEE C62.41 C High
- Driver Off-State Draw 0 Watts
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Projected (L70) @ 25°C > 100,000 hrs.
- Color Temperature 5,000°K
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature +50°C
- Lumens per Watt > 100
- Shock / Vibration Resistant ANSI-C136.31.
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- Inrush Current Peak < 10 Amp
- FCC Compliance Part 15, Subp. C
- ETL Listed / UL Standard 1598 Yes
- Housing IP Rating IP66
- Driver IP Rating IP67
- Warranty 5 Year

MOUNTING OPTIONS

Surface Mount



Adjustable Mounting Brackets (Standard)

Hanging Mount

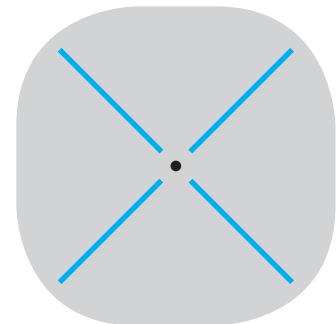


Supplied with Gripple Hangers (GPPL)



Pendant Mount
3/4" K.O. (PDM)
Pendant Not Included

PHOTOMETRICS (See Complete IES File)



Type V Distribution

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