**OUTDOOR RATED**
# IP66

**\*\* AVAILABLE \*\***

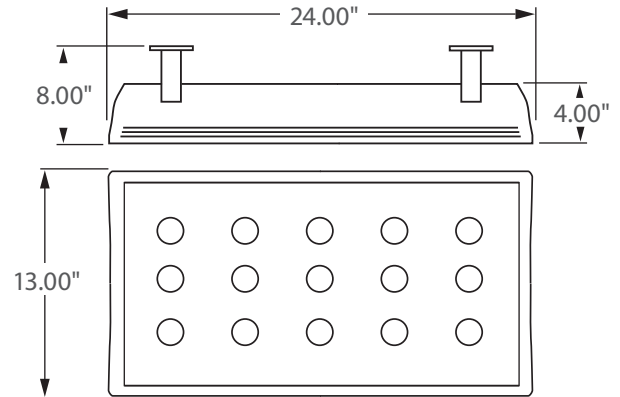| Bi-Level 100% | Dimming 50% |
|---|---|

**0 - 10V**
**FULL DIMMING**

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

24.00"
8.00"
4.00"
13.00"

## 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 400 Watts.

## APPLICATION

· Indoor Low/High Bay Lighting
· Canopy Lighting
· Freezer Lighting
· Gas Station 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-49155-28-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 | **155-28** = 155 W<br>**170-28** = 170 W<br>**200-28** = 200 W | **UNV** = 120-277 VAC<br>**347V** = 347 VAC<br>**480V** = 480 VAC | **0-10VDIM** = 0-10V Dimming<br>**BL-DIM** = Bi-Level Dimming *<br>\* Includes Motion Sensor<br>\*\* Contact Factory for dimming options | **735** = 3500°K<br>**741** = 4100°K<br>**750** = 5000°K *<br>\* Standard | **MD** = Motion Sensor ON/OFF<br>**DLH** = Day Light Harvesting*<br>**GPPL** = Gripple Hangers<br>**PDM** = Pendant Mount<br>\* Used with 0-10V Dimming<br>\*\***See** pg. **2** for mounting | **C3\*** = 3' Cord-No Plug<br>(other lengths available C6 = 6' cord)<br>**PC3** = 3' Cord with NEMA Plug<br>(verify plug type when ordering)<br>\* Standard |

**PROUDLY MADE IN AMERICA**
WITH DOMESTIC AND IMPORTED MATERIALS

RoHS COMPLIANT

ETL LISTED C US

LED lighting facts
LED Product Partner

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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-49155-28-UNV | Low Profile LED Fixture | 155 | 158 | 18,600 | 120-277 | 1.35 - 0.58 | <20% | >0.90 | 35 lbs |
| LED-49170-28-UNV | Low Profile LED Fixture | 170 | 175 | 20,400 | 120-277 | 1.48 - 0.64 | <20% | >0.90 | 35 lbs |
| LED-49200-28-UNV | Low Profile LED Fixture | 200 | 205 | 24,000 | 120-277 | 1.75 - 0.75 | <20% | >0.90 | 35 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**

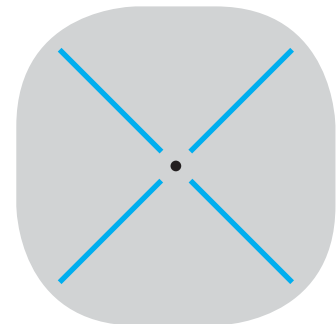**Adjustable Mounting Brackets (Standard)**

**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**

**Neptun Light, Inc.**
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