** AVAILABLE **

**0 - 10V**
FULL DIMMING

13.875"

5.25"
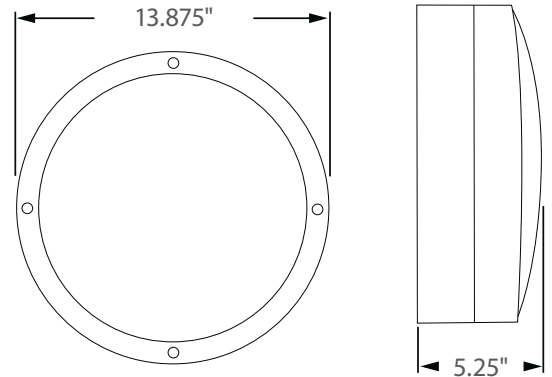
## Incredible **100,000** hrs

## GENERAL DESCRIPTION

Neptun's LED round bulk head fixtures feature architectural design and durability to fit new construction and retrofit applications. Neptun's LED bulk head fixtures feature high output LED's and custom engineered optics to provide excellent uniformity and efficiency. They can replace existing HID & HPS fixtures up to 100W.

## APPLICATION

· Building Accent Lighting
· Landscape Lighting
· Security Lighting
· Area Lighting
· Stairwell Lighting
· Passageway Lighting

## STRUCTURE, MATERIALS, & FEATURES

· Heavy-gauge, die-cast aluminum housing.
· High efficiency, heat and impact resistant, UV protected, non yellowing polycarbonate lens / refractor.
· Corrosion resistant electrocoat bronze finish (custom colors available).
· Easy removal lens with (4) stainless steel screws.
· Continuous silicone gasketing surrounds lens for weather - tight seal.
· High Output COB LED's.
· High power factor, low THD driver with 6kV/3kA surge protection.
· InstantON flicker-free Cold Start and Hot Re-Start.
· Up to 20 years Maintenance free operation.
· 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
· **Optional**: 0-10V Dimming, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

## ORDERING INFORMATION

Sample Number: LED-202040-UNV-0-10VDIM-850-BRZ
Custom options and accessories available. Please consult factory

| Series | Wattage | Voltage | Options | Color Temp | Accessories | Color |
|---|---|---|---|---|---|---|
| **LED-202** = Bulk Head | **040** = 40 W | **UNV** = 120-277 VAC<br>**24VDC** = 24V DC | **0-10VDIM** = 0-10V Dimming<br>* Contact Factory for dimming options | **830** = 3000°K<br>**835** = 3500°K<br>**841** = 4100°K<br>**850** = 5000°K<br>**AMB** = Amber (585-595nm) | **LD-120V** = Swivel Photocell - 120V<br>**LD-277V** = Swivel Photocell - 277VAC | **BRZ** = Dark Bronze<br>* Custom Colors Available |

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

RoHS COMPLIANT

*light*innovations@work™

service@neptunlight.com        www.NeptunLight.com        888.735.8330
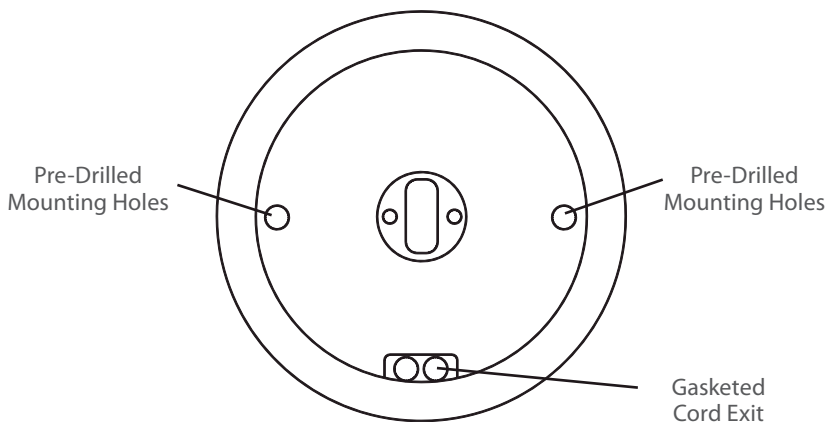
## PRODUCT INFORMATION

| Model No. | Description | Input Watts | Delivered Lumens | Universal Line Voltage (VAC) | Max Line Current (Amp) @ 120 - 277 | THD | Power Factor | Weight |
|---|---|---|---|---|---|---|---|---|
| LED-202040-UNV | LED Bulk Head Fixture | 41 | 4,600 | 120-277 | 0.34-0.15 | <15% | >0.95 | 4 lbs |

## SPECIFICATIONS

- Driver .................................................... Constant Current
- Start Method ...................................... InstantON
- Hot Re-start ....................................... InstantON
- 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 ............................. Multiple (± 300°K)

- Color Rendering Index (CRI) ................... > 80
- Minimum Starting Temperature .............. -40°C
- Maximum Starting Temperature ............. +50°C
- Lumens per Watt ................................ > 110
- Shock / Vibration Resistant ................... Yes
- Power Factor ..................................... > 0.95
- Total Harmonic Distortion ..................... < 15%
- Inrush Current Peak ............................ < 10 Amp
- FCC Compliance ................................. Part 15, Subp. C
- Housing IP Rating ............................... IP65
- Driver IP Rating ................................. IP67
- Warranty .......................................... 5 Year

## MOUNTING OPTIONS

**Surface Mount**



Pre-Drilled Mounting Holes

Pre-Drilled Mounting Holes

Gasketed Cord Exit

**Neptun Light, Inc.**
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