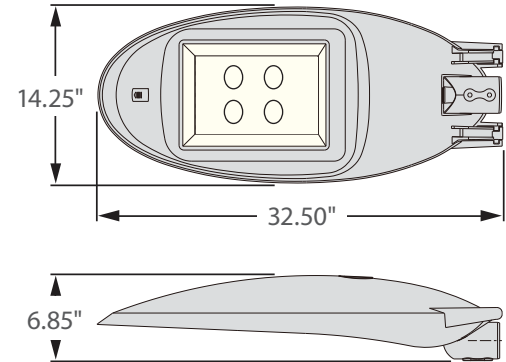




**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **75,000 hrs**

GENERAL DESCRIPTION

Neptun's LED street light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-882 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS Street Light fixtures up to 250W.

APPLICATION

- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with concealed cooling fins.
- Corrosion resistant electrocoat finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Tool-Less entry housing for easy maintenance and installation.
- High Output COB LED's.
- Driver with built in Neptun Surge Protective Device (NSPD) provides single phase protection for Line/Neutral, Line/Ground, and Neutral/Ground in accordance with IEEE C62.41 C High (10kV & 10kA).
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 10 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** 0-10V Dimming, Bi-Level Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-882100-L4-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

| Series | Wattage | Voltage | Options | Color Temp | Accessories | Color |
|------------------------|--|---|---|--|---|---|
| LED-882 = Street Light | 100-L4 = 100 W 110-L4 = 110 W 120-L4 = 120 W | UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24 VDC | 0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming * * Includes Motion Sensor ** Contact factory for dimming options | 835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard | LD = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information | GRY = Grey BRZ = Bronze * Custom Colors Available |



PRODUCT INFORMATION

| Model No. | Description | Rated Watts | Input Watts | Initial Lumens | Universal Line Voltage (VAC) | Max Line Current (Amp) 120 - 277 | THD | Power Factor | Weight |
|-------------------|----------------------|-------------|-------------|----------------|------------------------------|----------------------------------|------|--------------|--------|
| LED-882100-L4-UNV | Street Light Fixture | 100 | 102 | 10,000 | 120-277 | 0.52 - 0.22 | <20% | >0.90 | 25 lbs |
| LED-882110-L4-UNV | Street Light Fixture | 110 | 112 | 11,000 | 120-277 | 0.61 - 0.26 | <20% | >0.90 | 25 lbs |
| LED-882120-L4-UNV | Street Light Fixture | 120 | 122 | 12,000 | 120-277 | 0.69 - 0.30 | <20% | >0.90 | 25 lbs |

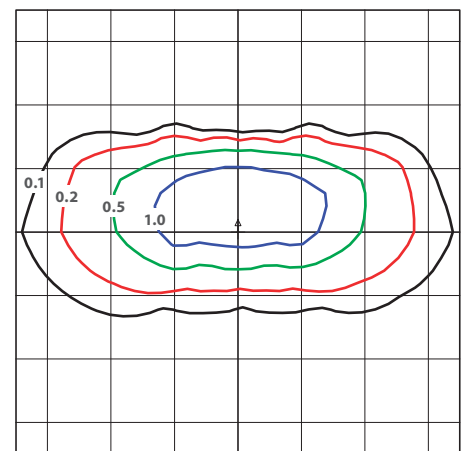
SPECIFICATIONS

- 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
- Current Crest Factor 1.5 maximum
- Load Regulation: 5% output current variation across load range
- Line Regulation: 1% output voltage variation across voltage range
- Driver Off-State Draw 0 Watts
- Vibration Compliance 3G
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- LED / Driver System Life 75,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature 5,000°K
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature +50°C
- Lumens per Watt > 90
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- Inrush Current Peak < 10 Amp
- FCC Compliance Part 15, Subp. C
- EPA Rating 1.54 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS



PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
 Scale: 1 Hash = 35 Ft.
 Light Loss Factor = 1.00
 Total Lamp Lumens = 12394.08
 Mounting Height = 35.00 Ft., Tilt = 5 Degrees
 Maximum Calculated Value = 1.56 Fc
 Arrangement: Single

NEPTUN LIGHT, INC.
 LED-882120-L4-UNV-850