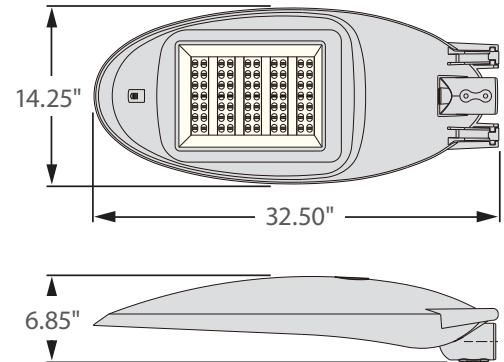**Dark Sky FRIENDLY**

14.25"

32.50"

6.85"

** AVAILABLE **
0 - 10V
FULL DIMMING

Incredible 100,000 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-884 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 400W.

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)
· Optional NEMA Twistlock Photocell for increased energy savings.
· Continuous silicone gasket surrounds lens for IP66 weather tight seal.
· Tool-Less entry housing w/ quick disconnect for easy installation.
· Internal Bubble Level for easy installation.
· High Output COB LED's.
· High power factor, low THD driver with 6kV/3kA surge protection.
    Optional 20kV/10kA surge protector available.
· InstantON flicker-free Cold Start and Hot Re-Start.
· Up to 15 years Maintenance free operation.
· 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
· **Optional**: 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-884120-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-884 = Street Light	**100** = 100 W **120** = 120 W **150** = 150 W **180** = 180 W	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC **24VDC** = 24 VDC * * Available in 100w only	**0-10VDIM** = 0-10V Dimming * Contact factory for dimming options	**830** = 3000°K **835** = 3500°K **841** = 4100°K **850** = 5000°K	**LD** = NEMA Twist-Lock Photocell & Receptical **LDR-3P** = 3-Pin Photocell Receptical **LDR-7P** = 7-Pin Photocell Receptical **SP** = 20kV/10kA surge protector **HSGS** = House Side Glare Shield **LGN** = Light Genie Node * * Contact factory for product Information	**GRY** = Grey **BRZ** = Bronze * Custom Colors Available

PROUDLY MADE IN AMERICA WITH DOMESTIC AND IMPORTED MATERIALS

RoHS LEAD FREE COMPLIANT

lightinnovations@work™

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-884100-UNV	LED Street Light Fixture	100	102	10,000	120-277	0.87 - 0.37	<20%	>0.90	32 lbs
LED-884120-UNV	LED Street Light Fixture	120	122	12,000	120-277	1.05 - 0.45	<20%	>0.90	32 lbs
LED-884150-UNV	LED Street Light Fixture	150	152	15,000	120-277	1.31 - 0.56	<20%	>0.90	32 lbs
LED-884180-UNV	LED Street Light Fixture	180	182	18,000	120-277	1.57 - 0.70	<20%	>0.90	32 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
- Projected (L70) @ 25°C ... > 100,000 hrs.

- Color Temperature ... Multiple
- Color Rendering Index (CRI) ... > 80
- Minimum Starting Temperature ... –40°C
- Maximum Starting Temperature ... +50°C
- Lumens per Watt ... > 100
- 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 ... IP66
- Warranty ... 5 Year

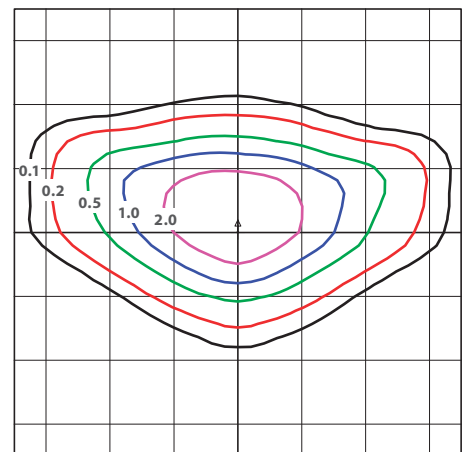## MOUNTING OPTIONS

Adjustable Slip Fitter

**Accepts 1-1/4" - 2-3/4" O.D.
Tenon or Pipe**

PHOTOMETRICS (See Complete IES File)

0.1
0.2
0.5
1.0
2.0

Horizontal Footcandles
Scale: 1 Hash = 30 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 18002.32
Mounting Height = 30.00 Ft. , Tilt = 5 Degrees
Maximum Calculated Value = 5.08 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-884180-UNV-850

Spec. Rev. 7-2016