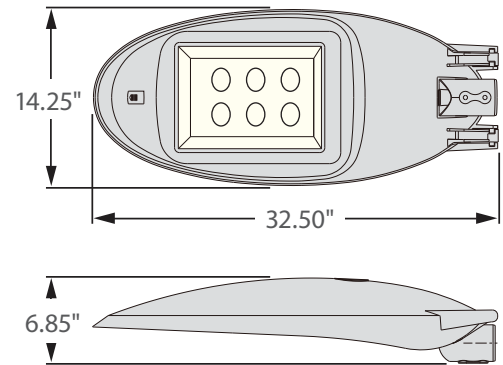




**** AVAILABLE ****
0 - 10V
FULL DIMMING



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-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 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.
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Tool-Less entry housing w/ quick disconnect for easy installation.
- Internal Bubble Level for easy installation.
- High Output COB LED's with borosilicate glass lens optics.
- 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 20 years Maintenance free operation.
- 10 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-882130-L6-UNV-0-10VDIM-850-LD-T2-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	CCT	Accessories	Optics	Color
LED-882 = Street Light	130-L6 = 130 W 140-L6 = 140 W 150-L6 = 150 W 160-L6 = 160 W 170-L6 = 170 W 180-L6 = 180 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming * Contact factory for dimming options	830 = 3000°K 835 = 3500°K 841 = 4100°K 850 = 5000°K AMB = Amber (585-595nm)	LD = NEMA Twist-Lock Photocell & Receptacle LDR-3P = 3Pin Photocell Receptacle LDR-7P = 7Pin Photocell Receptacle SP = 20kV/10kA surge protector HSGS = House Side Glare Shield LGN = Light Genie Node * * Contact factory for product Information	T2 = Type 2 T2N = Type 2N	GRY = Grey BRZ = Bronze * Custom Colors Available



lightinnovations@work™

PRODUCT INFORMATION

Model No.	Description	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-882130-L6-UNV	Street Light Fixture	132	17,160	120-277	1.13 - 0.49	<15%	>0.95	25 lbs
LED-882140-L6-UNV	Street Light Fixture	142	18,460	120-277	1.22 - 0.53	<15%	>0.95	25 lbs
LED-882150-L6-UNV	Street Light Fixture	152	19,760	120-277	1.31 - 0.56	<15%	>0.95	25 lbs
LED-882160-L6-UNV	Street Light Fixture	162	21,060	120-277	1.39 - 0.60	<15%	>0.95	25 lbs
LED-882170-L6-UNV	Street Light Fixture	172	22,360	120-277	1.48 - 0.64	<15%	>0.95	25 lbs
LED-882180-L6-UNV	Street Light Fixture	182	23,660	120-277	1.57 - 0.68	<15%	>0.95	25 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
- 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 (± 300°K)
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature +50°C
- Lumens per Watt > 130
- Shock / Vibration Resistant Yes
- Power Factor > 0.95
- Total Harmonic Distortion < 15%
- Inrush Current Peak < 10 Amp
- FCC Compliance Part 15, Subp. C
- EPA Rating 0.50 ft.²
- Housing IP Rating IP66
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

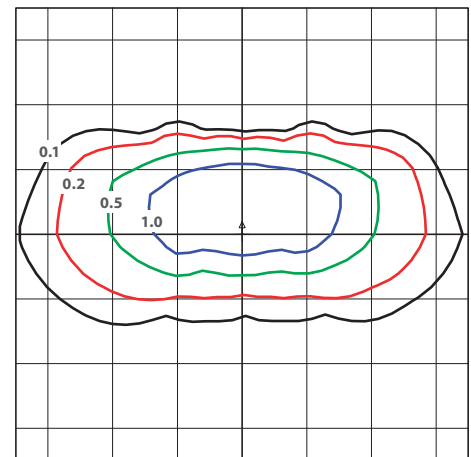
MOUNTING OPTIONS

Adjustable Slip Fitter



Accepts
1-1/4" - 2-3/8" O.D.
Tenon or Pipe

PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
Scale: 1 Hash = 40 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 21081.2
Mounting Height = 40.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 1.76 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-882160-L6-UNV-850

Neptun Light, Inc.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.
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Spec. Rev. 1-2018