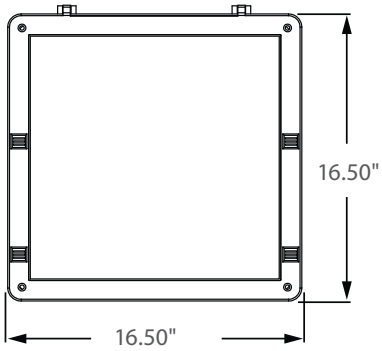
NEPTUN LIGHT

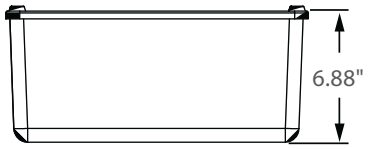
LED
16" AREA/FLOOD FIXTURES
TURTLE FRIENDLY AMBER LIGHTING

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING





Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's 16" LED shoebox combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-16 series shoebox fixture is offered in a variety of wattages and mounting options to provide maximum flexibility in all types of applications. It can replace existing HID & HPS fixtures up to 400W. Amber color LED's provide a Sea Turtle Freindly Solution for various applications.

APPLICATION

- Parking Lot Lighting
- Area & Storage Lighting
- Street Lighting
- Walkway Lighting
- Building Accent Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Integral structural support plate for mounting arm ensures strength.
- Corrosion resistant electrocoat dark bronze finish (custom colors available).
- Hinged aluminum door frame incorporates stainless steel hardware.
- Continuous silicone gasketing surrounds optics for weather - tight seal.
- Amber LED Wavelength (585-595 nanometers) Sea Turtle Friendly.
- High Output COB LED's with borocilicate 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, Bi-Level Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-16100-UNV-0-10VDIM-SA6-AMB-LD-T3-BRZ
Custom options and accessories available. Please consult factory.

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-16 = Area/ Parking Fixture	**080** = 80 W **100** = 100 W **120** = 120 W **150** = 150 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	**SA6** = 6" Side Arm **SA12** = 12" Side Arm **SA6R** = 6" Side Arm (round pole adapter) **SA12R** = 12" Side Arm (round pole adapter) **WM6** = 6" Wall Mount **WM12** = 12" Wall Mount **SF** = Slip Fitter Mount **YK** = Yoke Mount	**AMB** = Amber (585-595 nanometers)	**LD** = Twistlock Photocell **MD** = Motion Sensor ON/OFF **SP** = 20kV/10kA surge protector **FSGS** = Front Side Glare Shield **BSGS** = Front Side Glare Shield **FSP-211** = Wattstopper Sensor (used with bi-level dimming option)	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

PROUDLY MADE IN AMERICA WITH DOMESTIC AND IMPORTED MATERIALS

RoHS COMPLIANT

ETL LISTED

lightinnovations@work™

service@neptunlight.com | www.NeptunLight.com | 888.735.8330

NEPTUN LIGHT

LED
16" AREA/FLOOD FIXTURES
TURTLE FRIENDLY AMBER LIGHTING

PRODUCT INFORMATION

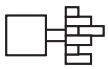
Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-16080-UNV	LED Area/Flood Fixture	80	82	9,000	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-16100-UNV	LED Area/Flood Fixture	100	102	11,500	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-16120-UNV	LED Area/Flood Fixture	120	122	13,800	120-277	1.05 - 0.45	<20%	>0.90	25 lbs
LED-16150-UNV	LED Area/Flood Fixture	150	153	17,250	120-277	1.31 - 0.56	<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
- Projected (L70) @ 25°C ..... > 100,000 hrs.
- Wavelength ..... 585-595 nanometers
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... +50°C
- Lumens per Watt ..... > 110
- Shock / Vibration Resistant ..... Yes
- 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
- EPA Rating ..... 0.96 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

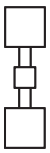
MOUNTING CONFIGURATION

Wall Mount (WM6, WM12)

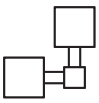


Arm Mount Single (SA6, SA12)

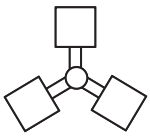
Arm Mount 2 @ 180° (SA6, SA12)



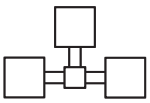
Arm Mount 2 @ 90° (SA6, SA12)



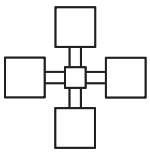
Arm Mount 3 @ 120° (SA6R, SA12R)



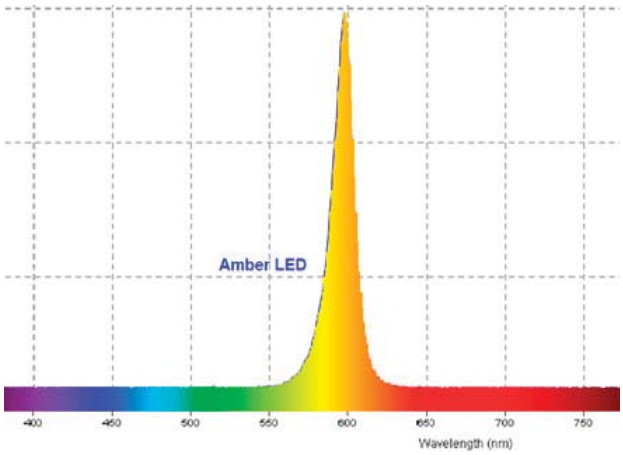
Arm Mount 3 @ 90° (SA6, SA12)



Arm Mount 4 @ 90° (SA6, SA12)



AMBER WAVELENGTH



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.
©2002-2016 Neptun Light, Inc. All rights reserved.

Spec. Rev. 7-2017