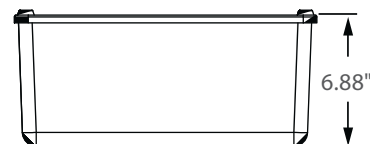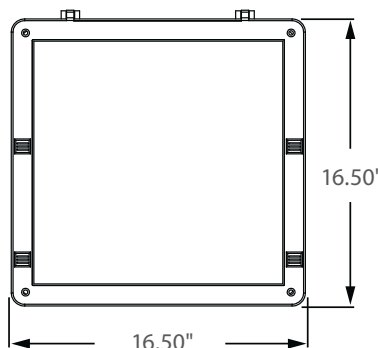Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

16.50"

16.50"

6.88"

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.

APPLICATION

· Parking Lot Lighting
· Car 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.
· Correlated Color Temperature of (5000°K) for greater visibility and safety.
· 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 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-16100-UNV-0-10VDIM-SA6-850-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	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**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

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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	9,600	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-16100-UNV	LED Area/Flood Fixture	100	102	12,000	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-16120-UNV	LED Area/Flood Fixture	120	122	14,400	120-277	1.05 - 0.45	<20%	>0.90	25 lbs
LED-16150-UNV	LED Area/Flood Fixture	150	153	18,000	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.

- Color Temperature .... 5,000°K
- 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
- 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)
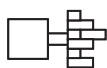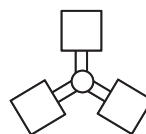
Arm Mount Single (SA6, SA12)
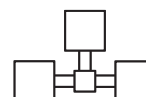
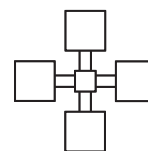Arm Mount 2 @ 180° (SA6, SA12)

Arm Mount 2 @ 90° (SA6, SA12)

Arm Mount 3 @ 120° (SA6R, SA12R)

Arm Mount 3 @ 90° (SA6, SA12)

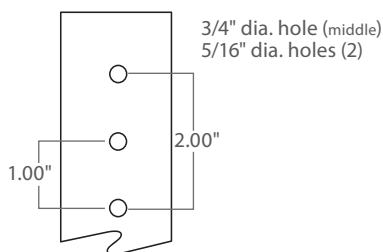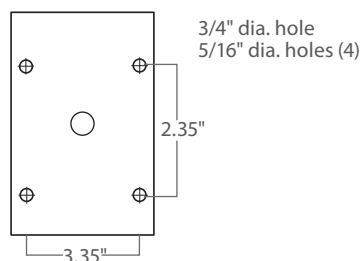Arm Mount 4 @ 90° (SA6, SA12)

DRILLING PATTERNS

SA6, SA12, SA6R, SA12R
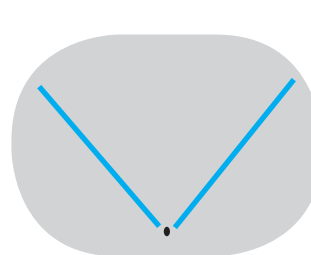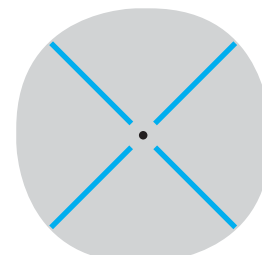
3/4" dia. hole (middle)
5/16" dia. holes (2)
2.00"
1.00"

WM6, WM12

3/4" dia. hole
5/16" dia. holes (4)
2.35"
3.35"

PHOTOMETRICS (See Complete IES File)

Type 3 Distribution

Type 5 Distribution

Spec. Rev. 1-2017