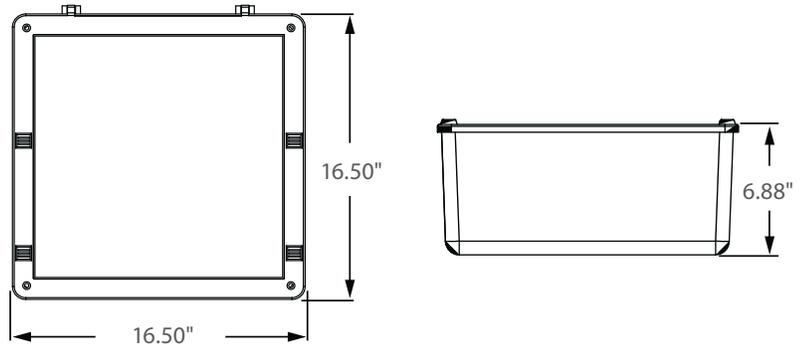




Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl



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 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, 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	830 = 3000°K 835 = 3500°K 841 = 4100°K 850 = 5000°K AMB = Amber (585-595nm)	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



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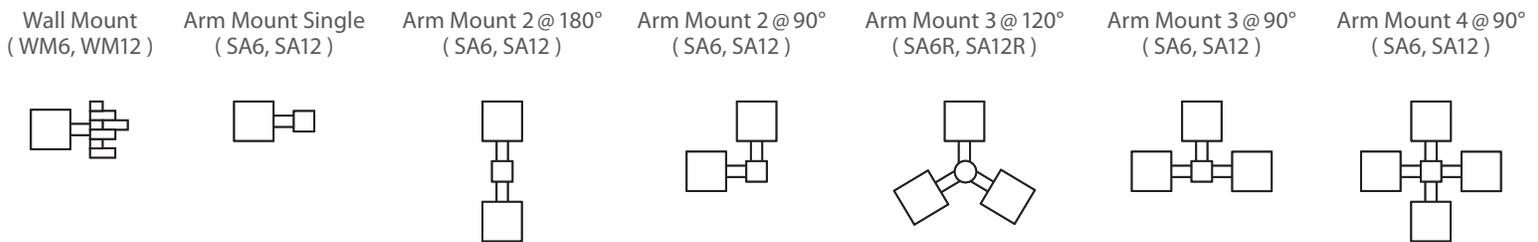
PRODUCT INFORMATION

Model No.	Description	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	82	10,600	120-277	0.69 - 0.30	<15%	>0.95	25 lbs
LED-16100-UNV	LED Area/Flood Fixture	102	13,200	120-277	0.87 - 0.37	<15%	>0.95	25 lbs
LED-16120-UNV	LED Area/Flood Fixture	122	15,800	120-277	1.05 - 0.45	<15%	>0.95	25 lbs
LED-16150-UNV	LED Area/Flood Fixture	152	19,750	120-277	1.31 - 0.56	<15%	>0.95	25 lbs

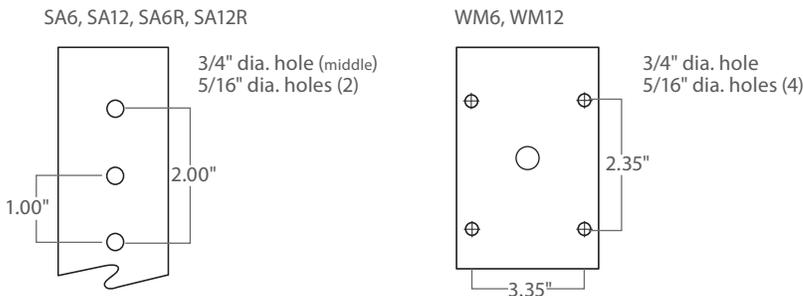
SPECIFICATIONS

- 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
- ETL Listed / UL Standard 1598 Yes
- EPA Rating 0.96 ft.²
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

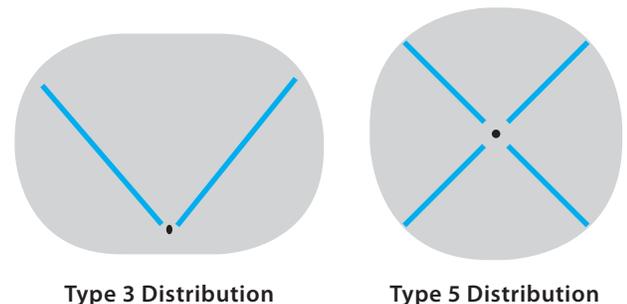
MOUNTING CONFIGURATION



DRILLING PATTERNS



PHOTOMETRICS (See Complete IES File)



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

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Spec. Rev. 1-2018