NEPTUN LIGHT

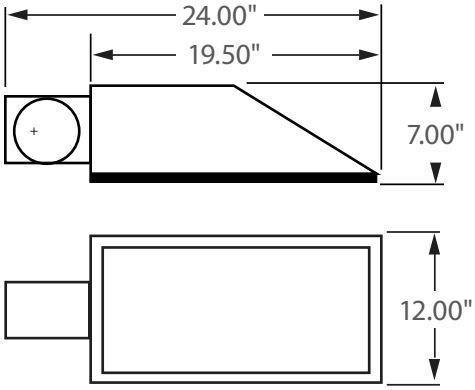
LED
AREA LIGHT FIXTURE

Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Incredible 75,000 hrs

GENERAL DESCRIPTION

Neptun's LED shoebox combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-217 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 250W.

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.
- Heat and impact resistant sealed glass lens around optics.
- Integral structural support plate for mounting arm ensures strength.
- Corrosion resistant electrocoat bronze finish (custom colors available).
- Hinged aluminum door frame incorporates stainless steel hardware.
- Available in adjustable tilt pole mount or wall mount.
- High Output COB LED's.
- Driver with built in Neptun Surge Protective Device (NSPD) provides single phase protection for Line/Neutral, Line/Ground, and Neutral/Ground in accordance with IEEE C62.41 C High (10kV & 10kA).
- 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**: Bi-Level Dimming, 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-217040-UNV-0-10VDIM-APM-850-LD-T3-BRZ
Custom options and accessories available. Please consult factory.

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-217 = Area/ Parking Fixture	**040** = 40 W **060** = 60 W **080** = 80 W **100** = 100 W **120** = 120 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	**APM** = Adjustabe Pole Mount **AWM** = Adjustable Wall Mount Arm	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = Twistlock Photocell **MD** = Motion Sensor ON/OFF **LGN** = Light Genie Node ** ** Contact factory for product information	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-217040-UNV	LED Area Fixture	40	41	3,800	120-277	0.34 - 0.15	<20%	>0.90	20 lbs
LED-217060-UNV	LED Area Fixture	60	61	5,700	120-277	0.52 - 0.22	<20%	>0.90	20 lbs
LED-217080-UNV	LED Area Fixture	80	81	7,600	120-277	0.69 - 0.30	<20%	>0.90	20 lbs
LED-217100-UNV	LED Area Fixture	100	101	9,500	120-277	0.87 - 0.37	<20%	>0.90	20 lbs
LED-217120-UNV	LED Area Fixture	120	121	11,400	120-277	1.05 - 0.45	<20%	>0.90	20 lbs

SPECIFICATIONS

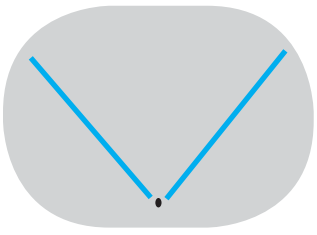
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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
- LED / Driver System Life ..... 75,000 Hrs.
- Lumen Maintenance @50,000Hrs ..... > 70%
- Color Temperature ..... 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... +50°C
- Lumens per Watt ..... > 90
- 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 ..... 1.16 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

MOUNTING OPTIONS

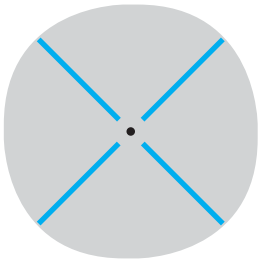
Pole Mount

Wall Mount

PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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Spec. Rev. 1-2015