20.00"
18.00"
6.00"

Dark Sky FRIENDLY

**** AVAILABLE ****

0 - 10V FULL DIMMING
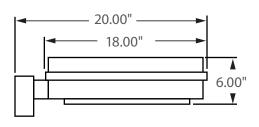
Incredible 100,000 hrs

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-218 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 arm mount or wall mount.
· 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.
· 5Year Warranty on complete fixture. (LED's, Driver, & Housing)
· **Optional**: 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-218040-UNV-0-10VDIM-ASA-850-LD-T3-BRZ
Custom options and accessories available. Please consult factory.

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-218 = 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	**APM** = Adjustable Pole Mount **DAPM** = Dual Adjustable 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 **SP** = 20kV/10kA surge protector **LGN** = Light Genie Node ** ** Contact factory for product information	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

PROUDLY MADE IN AMERICA WITH DOMESTIC AND IMPORTED MATERIALS

RoHS LEAD FREE COMPLIANT

lightinnovations@work™

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-218040-UNV	LED Area Fixture	40	42	4,800	120-277	0.34 - 0.15	<20%	>0.90	20 lbs
LED-218060-UNV	LED Area Fixture	60	62	7,200	120-277	0.52 - 0.22	<20%	>0.90	20 lbs
LED-218080-UNV	LED Area Fixture	80	82	9,600	120-277	0.69 - 0.30	<20%	>0.90	20 lbs
LED-218100-UNV	LED Area Fixture	100	102	12,000	120-277	0.87 - 0.37	<20%	>0.90	20 lbs
LED-218120-UNV	LED Area Fixture	120	122	14,400	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

- 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
- EPA Rating . . . . 1.16 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty . . . . 5 Year

MOUNTING OPTIONS

Pole Mount (APM)

Dual Pole Mount (DAPM)

Wall Mount (AWM)

Adjustable Tilt Arm
3" I.D. Accepts up to 2-7/8" O.D.
Round Tenon or Pole

PHOTOMETRICS (See Complete IES File)

Type 3 Distribution

Type 5 Distribution