NEPTUN LIGHT

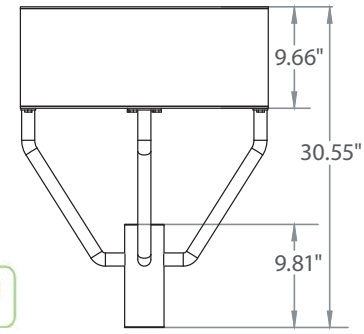
LED
24" SQUARE POST-TOP PARKING FIXTURES

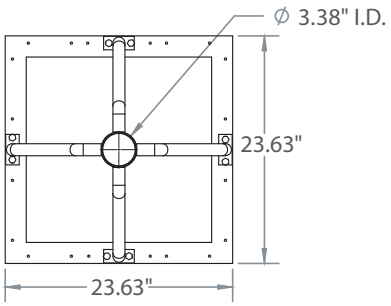
Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING





Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's 24" LED Square Post-Top fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-59 series post-top fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. It can replace existing HID & HPS fixtures up to 1000W.

APPLICATION

- Parking Lot Lighting
- Car Lot Lighting
- Area & Storage Lighting
- Street Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, stainless steel housing.
- 3.38" I.D. Slip Fitter Accepts up to 3.00" Pipe or Tenon.
- Corrosion resistant electrocoat dark bronze finish. (custom colors available)
- Post-top mounting system incorporates stainless steel hardware.
- 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**: Bi-Level Dimming, 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-59180-UNV-0-10VDIM-850-LD-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-59 = Square Post-Top	**180** = 180 W **200** = 200 W **260** = 260 W **320** = 320 W	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = Twist-Lock Photocell **MD** = Motion Sensor ON/OFF **SP** = 20kV/10kA surge protector **FSP-211** = Wattstopper Sensor (used with bi-level dimming option)	**BRZ** = Bronze * Custom Colors Available

PROUDLY MADE IN AMERICA WITH DOMESTIC AND IMPORTED MATERIALS

RoHS COMPLIANT

ETL LISTED

lightinnovations@work™

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LED
24" SQUARE POST-TOP PARKING FIXTURES

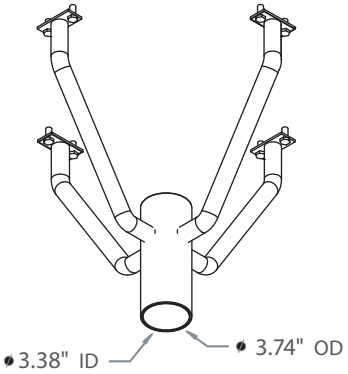
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-59180-UNV	Square Post Top Fixture	180	182	21,600	120-277	1.57 - 0.68	<20%	>0.90	65 lbs
LED-59200-UNV	Square Post Top Fixture	200	202	24,000	120-277	1.74 - 0.75	<20%	>0.90	65 lbs
LED-59260-UNV	Square Post Top Fixture	260	263	31,200	120-277	2.29 - 0.98	<20%	>0.90	65 lbs
LED-59320-UNV	Square Post Top Fixture	320	323	38,400	120-277	2.79 - 1.21	<20%	>0.90	65 lbs

SPECIFICATIONS

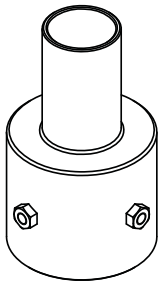
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... 1.66 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING OPTIONS



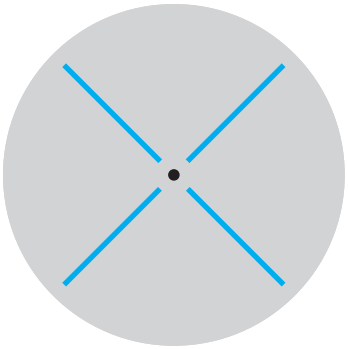
Accepts up to 3.15" O.D. Round Tenon or Pole

ARM:RPTR (contact factory)



Round Pole Tenon Reducers available for 3", 4", & 5" O.D. Poles

PHOTOMETRICS (See Complete IES File)



Type V Distribution

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.
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