NEPTUN LIGHT®

lightinnovations@work™

PRODUCT DATA SHEETS

LED Area & Site Lighting

NEPTŪN LIGHT

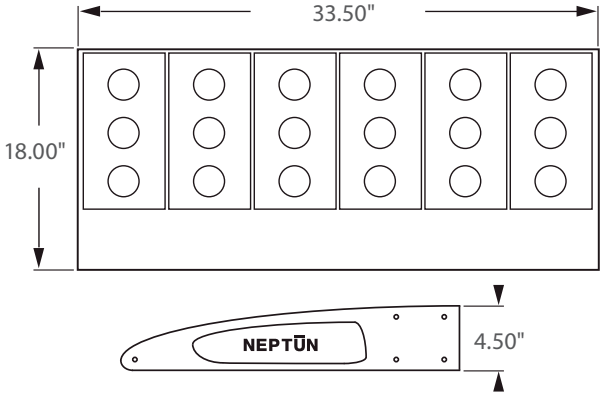
LED
MODULAR AREA LIGHT FIXTURES
M6

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Dark Sky FRIENDLY



REPLACEMENT FOR 1000W HID

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's modular LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-31 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 1000W

APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Continuous silicone gasket surrounds lens for weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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.
- 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

ORDERING INFORMATION

Sample Number: LED-31450-M6-UNV-0-10VDIM-SA6-850-LD-T3-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-31 = Area / Parking Fixture	**450-M6** = 450 W	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Motion Sensor	**SA6** = 6" Side Arm **SA6R** = 6" Side Arm (round pole adapter) **WM6** = 6" Wall Mount	**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	**GRY** = Grey **BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
MODULAR AREA LIGHT FIXTURES
M6

PRODUCT INFORMATION

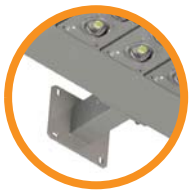
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-31450-M6-UNV	Area/Parking Fixture	450	455	45,000	120-277	4.20 - 1.71	<20%	>0.90	55 lbs.

SPECIFICATIONS

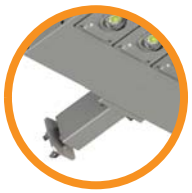
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... 0.71 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING CONFIGURATION

Wall Mount
(WM6)

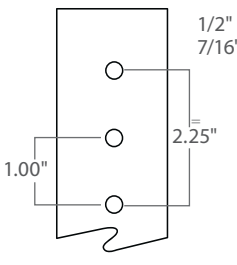


Arm Mount Single
(SA6)

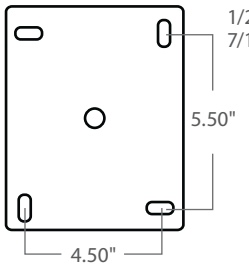


DRILLING PATTERNS

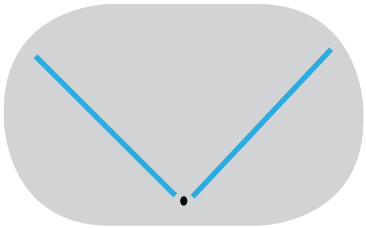
SA6, SA6R



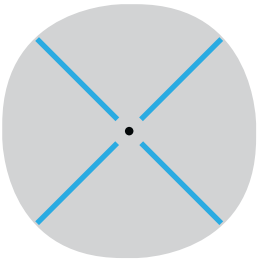
WM6



PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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

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Spec. Rev. 4-2015

NEPTUN LIGHT

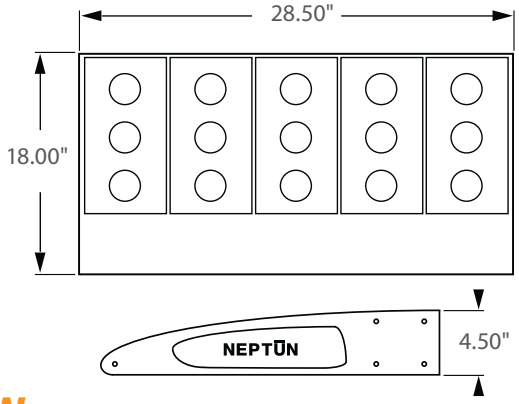
LED
MODULAR AREA LIGHT FIXTURES
M5

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Dark Sky FRIENDLY



DLC QPL LISTED

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http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php

REPLACEMENT FOR 1000W HID

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's modular LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-31 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 1000W

APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Continuous silicone gasket surrounds lens for weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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.
- 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

ORDERING INFORMATION

Sample Number: LED-31400-M5-UNV-0-10VDIM-SF-850-LD-T3-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-31 = Area / Parking Fixture	**400-M5** = 400 W	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Motion Sensor	**SA6** = 6" Side Arm **SA6R** = 6" Side Arm (round pole adapter) **WM0** = 0" Wall Mount **WM6** = 6" Wall Mount **SF** = Slip Fitter **YK** = Yoke Bracket * See Pg. **2** for mounting options	**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	**GRY** = Grey **BRZ** = Bronze * Custom Colors Available

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NEPTUN LIGHT

LED
MODULAR PARKING LOT FIXTURES
M5

PRODUCT INFORMATION

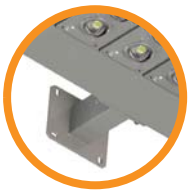
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-31400-M5-UNV	Area/Parking Fixture	400	405	40,000	120-277	4.08 - 1.51	<20%	>0.90	50 lbs.

SPECIFICATIONS

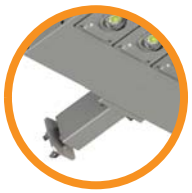
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... 0.71 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING CONFIGURATION

Wall Mount
(WM6)



Arm Mount Single
(SA6)



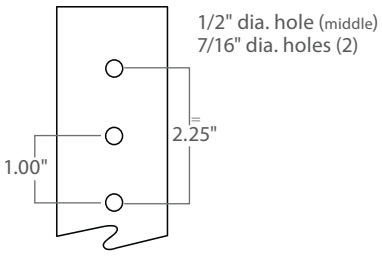
Slip Fitter Mount
(SF)

2-1/2" I.D. Accepts up to
2-3/8" Tenon or Pipe

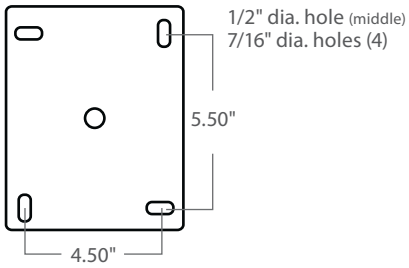
Yoke Mount
(YK)

DRILLING PATTERNS

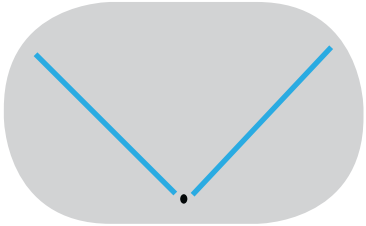
SA6, SA6R



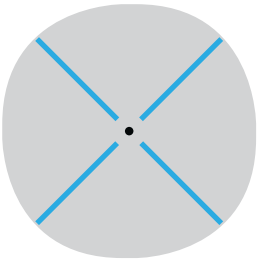
WM6



PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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

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Spec. Rev. 4-2015

NEPTUN LIGHT

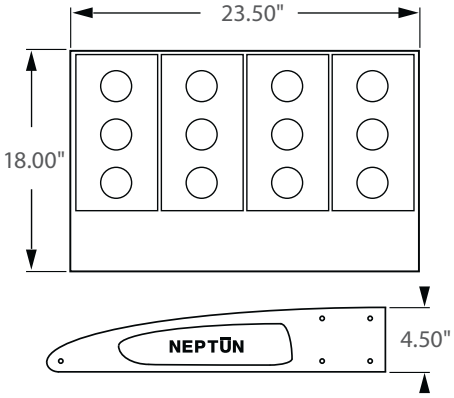
LED
MODULAR PARKING LOT FIXTURES
M4

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Dark Sky FRIENDLY



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Please check latest update for complete information.
http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php

REPLACEMENT FOR 750W HID

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's modular LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-31 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 750W

APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Continuous silicone gasket surrounds lens for weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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.
- 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

ORDERING INFORMATION

Sample Number: LED-31320-M4-UNV-0-10VDIM-SF-850-LD-T3-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-31 = Area / Parking Fixture	**320-M4** = 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	**SA6** = 6" Side Arm **SA6R** = 6" Side Arm (round pole adapter) **WM0** = 0" Wall Mount **WM6** = 6" Wall Mount **SF** = Slip Fitter **YK** = Yoke Bracket * See Pg. **2** for mounting options	**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	**GRY** = Grey **BRZ** = Bronze * Custom Colors Available

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NEPTUN LIGHT

LED
MODULAR PARKING LOT FIXTURES
M4

PRODUCT INFORMATION

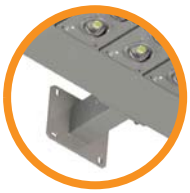
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-31320-M4-UNV	Area/Parking Fixture	320	323	32,000	120-277	3.26 - 1.21	<20%	>0.90	40 lbs.

SPECIFICATIONS

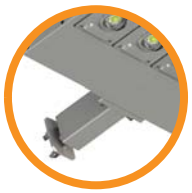
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... 0.71 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING CONFIGURATION

Wall Mount
(WM6)



Arm Mount Single
(SA6)



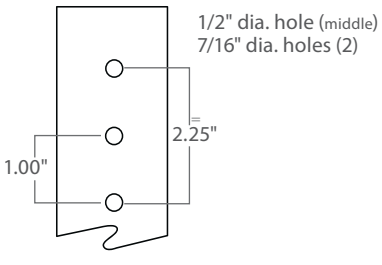
Slip Fitter Mount
(SF)

2-1/2" I.D. Accepts up to
2-3/8" Tenon or Pipe

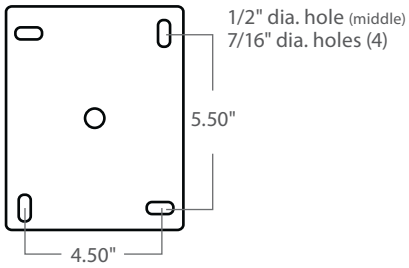
Yoke Mount
(YK)

DRILLING PATTERNS

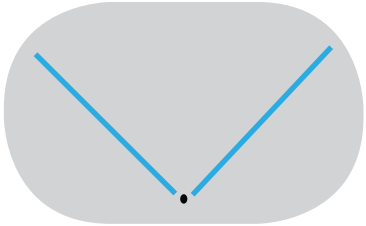
SA6, SA6R



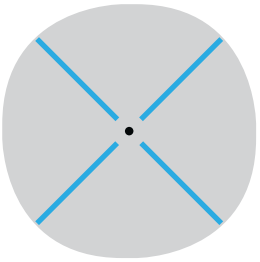
WM6



PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



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Spec. Rev. 4-2015

NEPTUN LIGHT

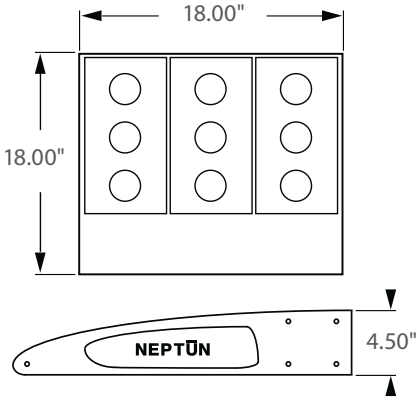
LED
MODULAR PARKING LOT FIXTURES
M3

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Dark Sky FRIENDLY



DLC QPL LISTED

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REPLACEMENT FOR 400W HID

Incredible 100,000 hrs

GENERAL DESCRIPTION

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APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Continuous silicone gasket surrounds lens for weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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.
- 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

ORDERING INFORMATION

Sample Number: LED-31150-M3-UNV-0-10VDIM-SF-850-LD-T3-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-31 = Area / Parking Fixture	**150-M3** = 150 W **200-M3** = 200 W **260-M3** = 260 W	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Motion Sensor	**SA6** = 6" Side Arm **SA6R** = 6" Side Arm (round pole adapter) **WM0** = 0" Wall Mount **WM6** = 6" Wall Mount **SF** = Slip Fitter **YK** = Yoke Bracket * See Pg. **2** for mounting options	**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	**GRY** = Grey **BRZ** = Bronze * Custom Colors Available

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NEPTUN LIGHT

LED
MODULAR PARKING LOT FIXTURES
M3

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-31150-M3-UNV	LED Area Fixture	150	154	15,400	120-277	1.53 - 0.56	<20%	>0.90	35 lbs
LED-31200-M3-UNV	LED Area Fixture	200	204	20,000	120-277	2.05 - 0.75	<20%	>0.90	35 lbs
LED-31260-M3-UNV	LED Area Fixture	260	264	26,000	120-277	2.65 - 0.98	<20%	>0.90	35 lbs

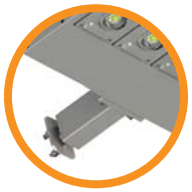
SPECIFICATIONS

- 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 ..... 0.71 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING CONFIGURATION

Wall Mount
(WM6)

Arm Mount Single
(SA6)



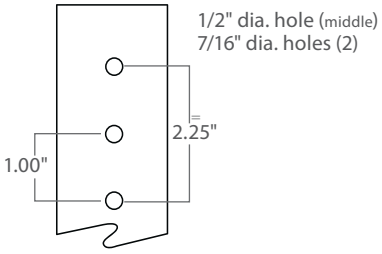
Slip Fitter Mount
(SF)

2-1/2" I.D. Accepts up to
2-3/8" Tenon or Pipe

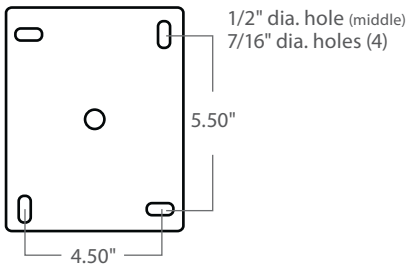
Yoke Mount
(YK)

DRILLING PATTERNS

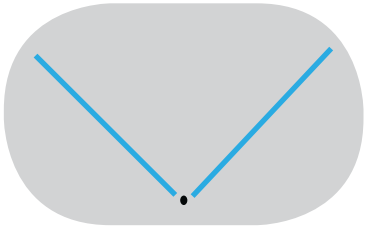
SA6, SA6R



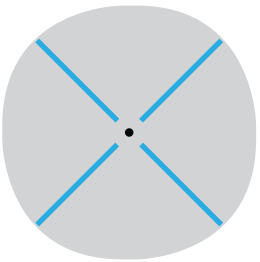
WM6



PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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

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Spec. Rev. 4-2015

NEPTUN LIGHT

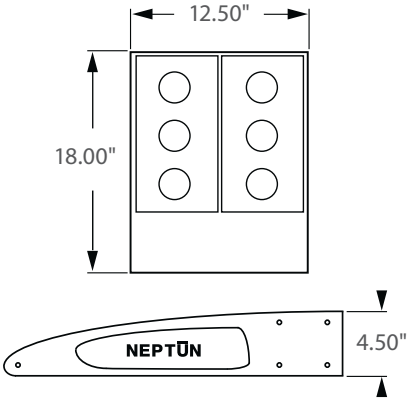
LED
MODULAR PARKING LOT FIXTURES
M2

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Dark Sky FRIENDLY



DLC QPL LISTED

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http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php

REPLACEMENT FOR 250W HID

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-31 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 250W

APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Continuous silicone gasket surrounds lens for weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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.
- 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-31100-M2-UNV-0-10VDIM-SF-850-LD-T3-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-31 = Area / Parking Fixture	**100-M2** = 100 W **120-M2** = 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	**SA6** = 6" Side Arm **SA6R** = 6" Side Arm (round pole adapter) **WM0** = 0" Wall Mount **WM6** = 6" Wall Mount **SF** = Slip Fitter **YK** = Yoke Bracket * See Pg. **2** for mounting options	**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	**GRY** = Grey **BRZ** = Bronze * Custom Colors Available

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NEPTUN LIGHT

LED
MODULAR PARKING LOT FIXTURES
M2

PRODUCT INFORMATION

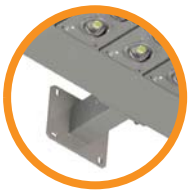
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-31100-M2-UNV	LED Area Fixture	100	102	10,200	120-277	1.02 - 0.37	<20%	>0.90	30 lbs
LED-31120-M2-UNV	LED Area Fixture	120	122	12,000	120-277	1.22 - 0.45	<20%	>0.90	30 lbs

SPECIFICATIONS

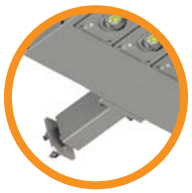
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... 0.71 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING CONFIGURATION

Wall Mount
(WM6)



Arm Mount Single
(SA6, SA10)



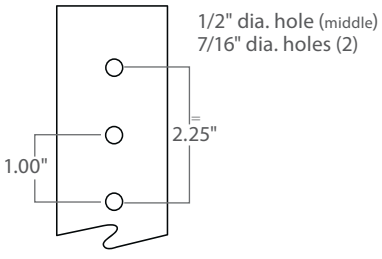
Slip Fitter Mount
(SF)

2-1/2" I.D. Accepts up to
2-3/8" Tenon or Pipe

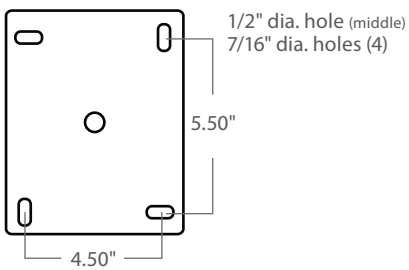
Yoke Mount
(YK)

DRILLING PATTERNS

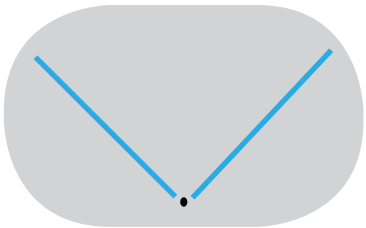
SA6, SA6R



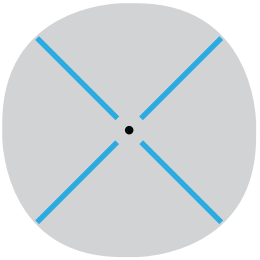
WM6



PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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

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Spec. Rev. 4-2015

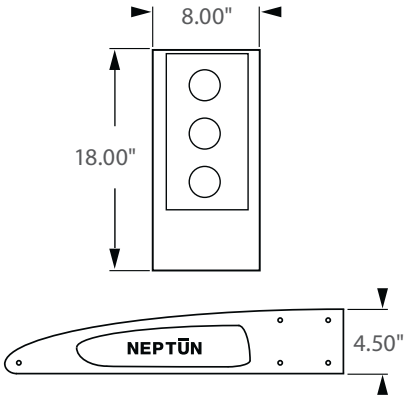
NEPTŪN LIGHT

LED
MODULAR PARKING LOT FIXTURES
M1

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Dark Sky FRIENDLY

REPLACEMENT FOR 175W HID

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-31 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 175W

APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Continuous silicone gasket surrounds lens for weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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.
- 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-31060-M1-UNV-0-10VDIM-SF-850-LD-T3-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-31 = Area / Parking Fixture	**040-M1** = 40 W **060-M1** = 60 W **080-M1** = 80 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 **SA6R** = 6" Side Arm (round pole adapter) **WM0** = 0" Wall Mount **WM6** = 6" Wall Mount **SF** = Slip Fitter **YK** = Yoke Bracket * See Pg. **2** for mounting options	**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	**GRY** = Grey **BRZ** = Bronze * Custom Colors Available

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NEPTUN LIGHT

LED
MODULAR PARKING LOT FIXTURES
M2

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-31040-M1-UNV	LED Area Fixture	40	42	4,200	120-277	0.36 - 0.15	<20%	>0.90	25 lbs
LED-31060-M1-UNV	LED Area Fixture	60	62	6,000	120-277	0.52 - 0.22	<20%	>0.90	25 lbs
LED-31080-M1-UNV	LED Area Fixture	80	82	8,000	120-277	0.61 - 0.30	<20%	>0.98	25 lbs

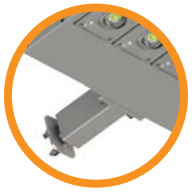
SPECIFICATIONS

- 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
- EPA Rating ..... 0.71 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING CONFIGURATION

Wall Mount
(WM)

Arm Mount Single
(SA6)



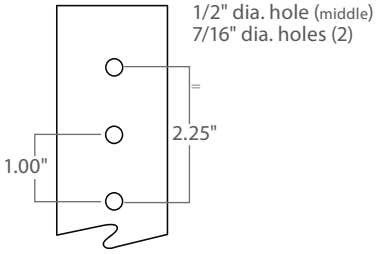
Slip Fitter Mount
(SF)

2-1/2" I.D. Accepts up to
2-3/8" Tenon or Pipe

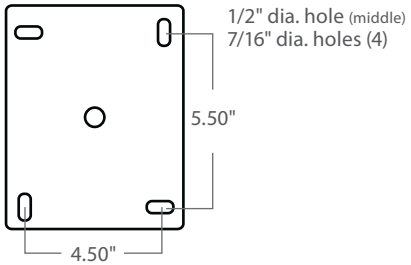
Yoke Mount
(YK)

DRILLING PATTERNS

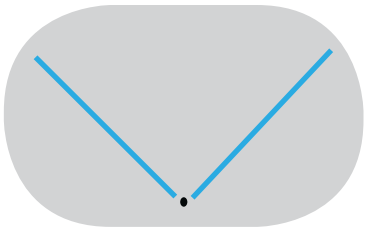
SA6, SA6R



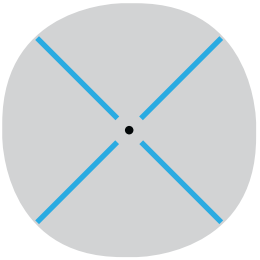
WM6



PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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

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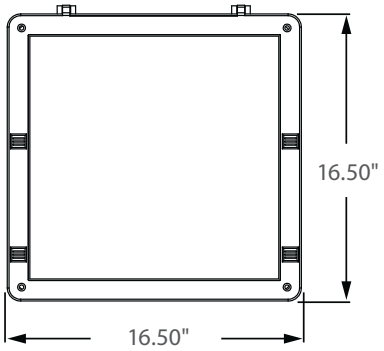
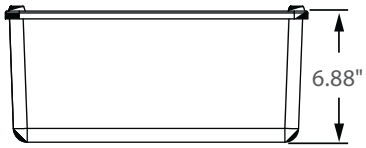
Spec. Rev. 4-2015

NEPTUN LIGHT

LED
16" SHOEBOX PARKING FIXTURES





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http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php

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 Cree 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.
- 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 * See Pg. **2** for mounting options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = Twistlock Photocell **MD** = Motion Sensor ON/OFF **FSGS** = Front Side Glare Shield **BSGS** = Front Side Glare Shield **LGN** = Light Genie Node ** ** Contact factory for product information	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

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NEPTUN LIGHT

LED
16" SHOEBOX PARKING FIXTURES

PRODUCT INFORMATION

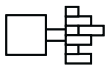
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-16080-UNV	LED Parking Lot Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-16100-UNV	LED Parking Lot Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-16120-UNV	LED Parking Lot Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	25 lbs
LED-16150-UNV	LED Parking Lot Fixture	150	153	15,300	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

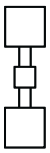
MOUNTING CONFIGURATION

Wall Mount (WM6, WM12)

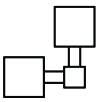


Arm Mount Single (SA6, SA12)

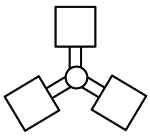
Arm Mount 2 @ 180° (SA6, SA12)



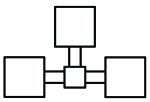
Arm Mount 2 @ 90° (SA6, SA12)



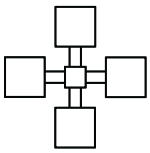
Arm Mount 3 @ 120° (SA6R, SA12R)



Arm Mount 3 @ 90° (SA6, SA12)

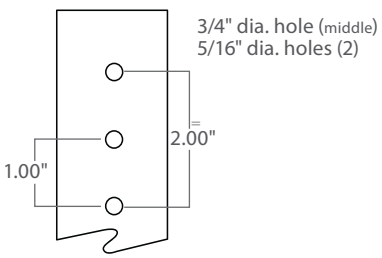


Arm Mount 4 @ 90° (SA6, SA12)

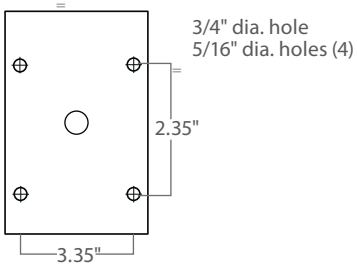


DRILLING PATTERNS

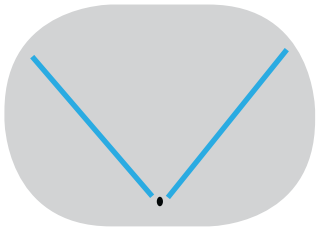
SA6, SA12, SA6R, SA12R



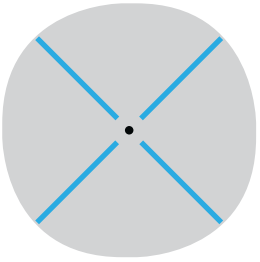
WM6, WM12



PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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

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Spec. Rev. 4-2015

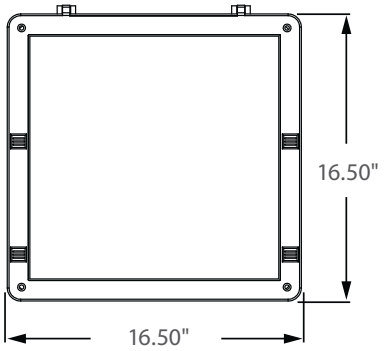
NEPTUN LIGHT

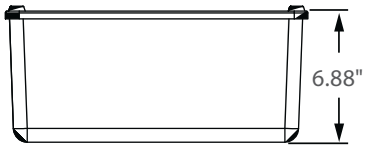
LED
16" FLOOD LIGHT FIXTURES

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING





Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's 16" LED flood light fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-38 series flood 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
- Sign / Monument 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 Cree 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.
- 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-38100-UNV-BL-DIM-SF-850-LD-T3-BRZ
Custom options and accessories available. Please consult factory.

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-38 = Flood 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	**SF** = Slip-Fitter Mount **YK** = Yoke Bracket Mount * See Pg. **2** for mounting options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = Twistlock Photocell **MD** = Motion Sensor ON/OFF **FSGS** = Front Side Glare Shield **LGN** = Light Genie Node ** ** Contact factory for product information	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

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NEPTUN LIGHT

LED
16" FLOOD LIGHT FIXTURES

PRODUCT INFORMATION

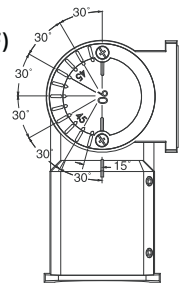
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-38080-UNV	LED Flood Light Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-38100-UNV	LED Flood Light Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-38120-UNV	LED Flood Light Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	25 lbs
LED-38150-UNV	LED Flood Light Fixture	150	152	15,200	120-277	1.31 - 0.56	<20%	>0.90	25 lbs

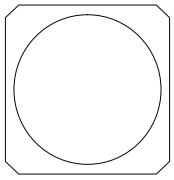
SPECIFICATIONS

- 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 OPTIONS

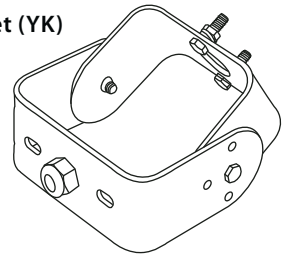
Slip Fitter (SF)

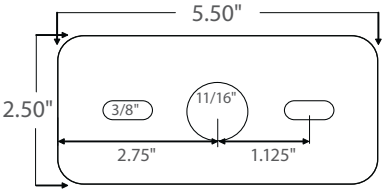




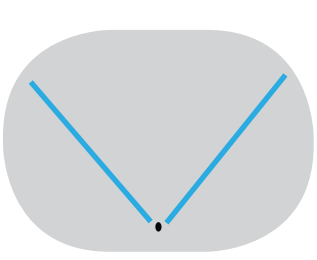
2-1/2" I.D.
Accepts up to 2-3/8"
Tenon or Pipe

Yoke Bracket (YK)

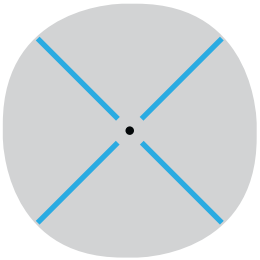




PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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

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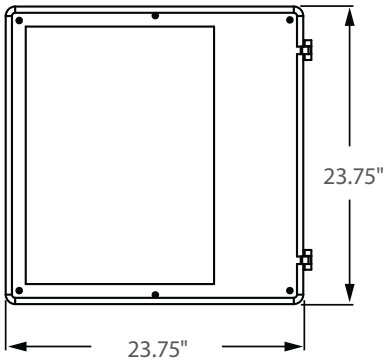
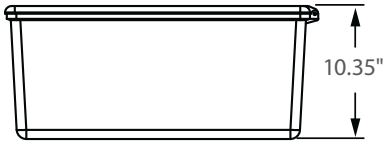
Spec. Rev. 4-2015

NEPTUN LIGHT

LED
23" SHOEBOX PARKING FIXTURES

Dark Sky FRIENDLY





Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's 23" LED shoebox combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-37 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 750W.

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 Cree 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.
- 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

ORDERING INFORMATION

Sample Number: LED-37200-UNV-SA6-850-T3-LD-BRZ
Custom options and accessories available. Please consult factory.

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-37 = Area/ Parking Fixture	**180** = 180 W **200** = 200 W **260** = 260 W **320** = 320 W	**UNV** = 120-277 VAC **347V** = 347VAC **480V** = 480VAC	**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 * See Pg. **2** for mounting options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = Twistlock Photocell **MD** = Motion Sensor ON/OFF **FSGS** = Front Side Glare Shield **BSGS** = Front Side Glare Shield **LGN** = Light Genie Node ** ** Contact factory for product information	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

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NEPTUN LIGHT

LED
23" SHOEBOX PARKING FIXTURES

PRODUCT INFORMATION

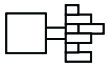
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-37180-UNV	LED Parking Lot Fixture	180	182	18,200	120-277	1.57 - 0.68	<20%	>0.90	45 lbs
LED-37200-UNV	LED Parking Lot Fixture	200	202	20,200	120-277	1.74 - 0.75	<20%	>0.90	45 lbs
LED-37260-UNV	LED Parking Lot Fixture	260	263	26,200	120-277	2.29 - 0.98	<20%	>0.90	45 lbs
LED-37320-UNV	LED Parking Lot Fixture	320	323	32,000	120-277	2.79 - 1.21	<20%	>0.90	45 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 ..... 1.70 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

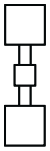
MOUNTING CONFIGURATION

Wall Mount (WM6, WM12)

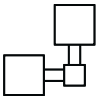


Arm Mount Single (SA6, SA12)

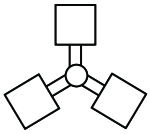
Arm Mount 2 @ 180° (SA6, SA12)



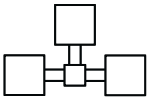
Arm Mount 2 @ 90° (SA6, SA12)



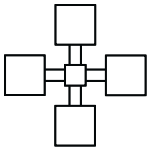
Arm Mount 3 @ 120° (SA6R, SA12R)



Arm Mount 3 @ 90° (SA12)

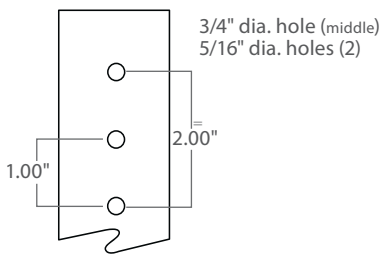


Arm Mount 4 @ 90° (SA12)

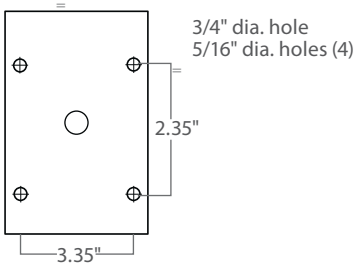


DRILLING PATTERNS

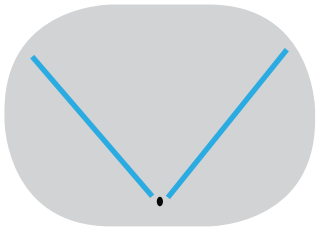
SA6, SA12, SA6R, SA12R



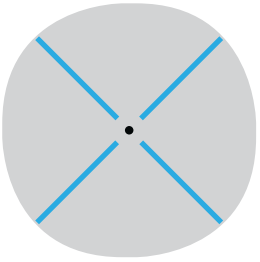
WM6, WM12



PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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13950 Business Center Drive
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Fax: 847.735.8004

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Spec. Rev. 4-2015

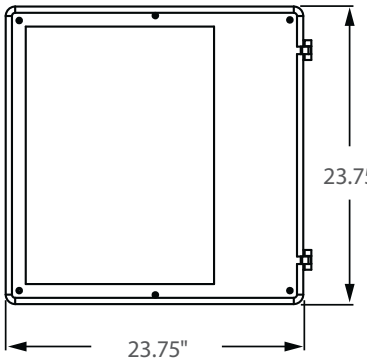
NEPTUN LIGHT

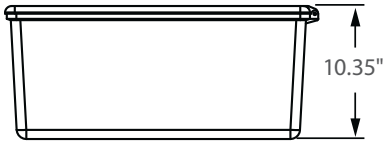
LED
23" FLOOD LIGHT FIXTURES

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING





Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's 23" LED flood combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-39 series flood 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 750W.

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 Cree 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.
- 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

ORDERING INFORMATION

Sample Number: LED-39200-UNV-SF-850-T3-LD-BRZ
Custom options and accessories available. Please consult factory.

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Optics	Color
LED-39 = Flood Area/Parking Fixture	**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	**SF** = Slip-Fitter Mount **YK** = Yoke Bracket Mount * See Pg. **2** for mounting options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = Twistlock Photocell **MD** = Motion Sensor ON/OFF **FSGS** = Front Side Glare Shield **LGN** = Light Genie Node ** ** Contact factory for product information	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

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NEPTUN LIGHT

LED
23" FLOOD LIGHT FIXTURES

PRODUCT INFORMATION

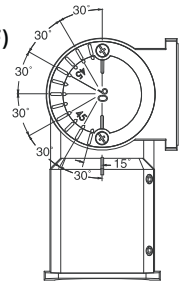
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-39180-UNV	LED Flood Light Fixture	180	182	18,200	120-277	1.57 - 0.68	<20%	>0.90	45 lbs
LED-39200-UNV	LED Flood Light Fixture	200	202	20,200	120-277	1.74 - 0.75	<20%	>0.90	45 lbs
LED-39260-UNV	LED Flood Light Fixture	260	263	26,200	120-277	2.29 - 0.98	<20%	>0.90	45 lbs
LED-39320-UNV	LED Flood Light Fixture	320	323	32,000	120-277	2.79 - 1.21	<20%	>0.90	38 lbs

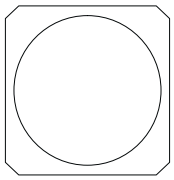
SPECIFICATIONS

- 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 ..... 1.70 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING OPTIONS

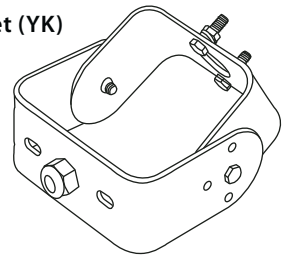
Slip Fitter (SF)

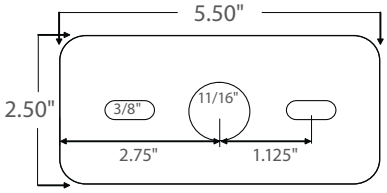




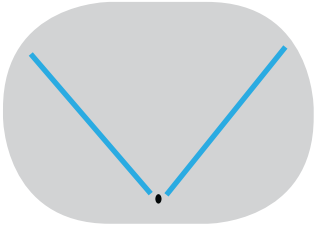
2-1/2" I.D.
Accepts up to 2-3/8"
Tenon or Pipe

Yoke Bracket (YK)

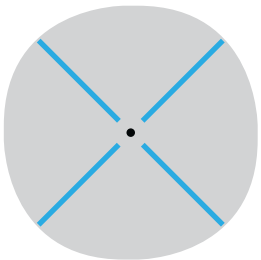




PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



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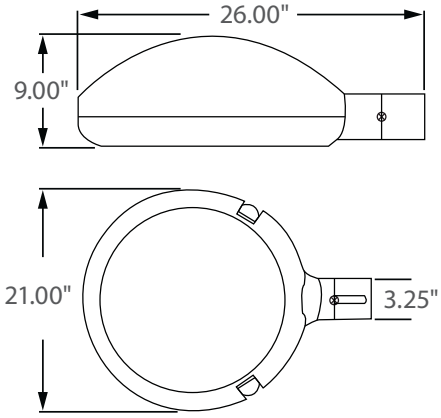
Spec. Rev. 4-2015

NEPTUN LIGHT

LED
ROUND PARKING LOT FIXTURES



Please check latest update for complete information.
http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php

Dark Sky FRIENDLY

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-47 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High Output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 400W

APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat bronze finish (custom colors available).
- 2.50" I.D. Slip Fitter Accepts up to 2-3/8" Pipe or Tenon.
- Slim, state of the art, low profile design for minimum wind load resistance.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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.
- 10 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional**: 0-10V Dimming, Bi-Level Dimming, Remote Monitoring and ON/OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-47100-UNV-0-10VDIM-850-T3-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-47 = Area Fixture	**100** = 100 W **120** = 120 W **150** = 150 W	**UNV** = 120-277 VAC **347V** = 347VAC **480V** = 480VAC **24VDC** = 24VDC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Pole Mounted Motion Sensor ** Contact factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

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NEPTUN LIGHT

LED
ROUND PARKING LOT FIXTURES

PRODUCT INFORMATION

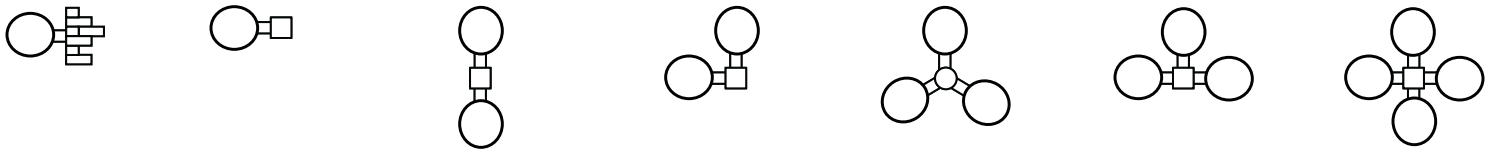
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-47100-UNV	LED Parking Lot Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	30 lbs
LED-47120-UNV	LED Parking Lot Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	30 lbs
LED-47150-UNV	LED Parking Lot Fixture	150	152	15,200	120-277	1.31 - 0.56	<20%	>0.90	30 lbs

SPECIFICATIONS

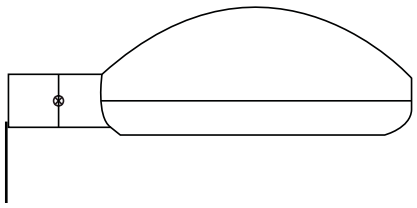
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... 1.57 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING CONFIGURATION

Wall Mount (SPA Mount) | Tenon Mount Single | Tenon Mount 2 @ 180° | Tenon Mount 2 @ 90° | Tenon Mount 3 @ 120° | Tenon Mount 3 @ 90° | Tenon Mount 4 @ 90°



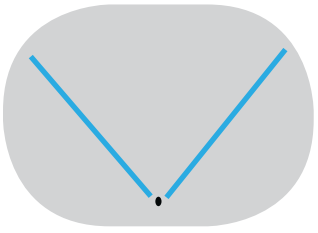
MOUNTING OPTIONS



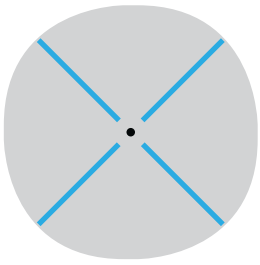
Slip Fitter Mount
Accepts 1-1/4" - 2-3/8" O.D. Tenon or Pipe

Square Pole Adapter
Available for Pole or Wall Mount
(SPA) - Order Separately

PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



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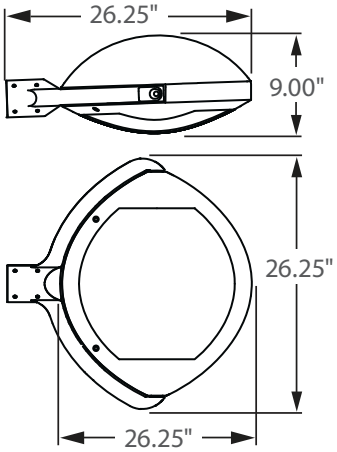
Spec. Rev. 4-2015

NEPTUN LIGHT

LED
ROUND AREA/PARKING LOT FIXTURES
ADJUSTABLE TILT FOR POST-TOP MOUNTING



** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Dark Sky FRIENDLY

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-435 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High Output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 400W

APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat bronze finish (custom colors available).
- 3.125" I.D. Slip Fitter Accepts up to 3" Pipe or Tenon.
- Adjustable tilt mounting arm allows for desired angle of fixture.
- Slim, state of the art, low profile design for minimum wind load resistance.
- Continuous silicone gasket surrounds lens for weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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.
- 10 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional**: 0-10V Dimming, Bi-Level Dimming, Remote Monitoring and ON/OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-435100-UNV-0-10VDIM-850-T3-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-435 = Area / Parking Fixture	**080** = 80 W **100** = 100 W **120** = 120 W **150** = 150 W	**UNV** = 120-277 VAC **347V** = 347VAC **480V** = 480VAC **24VDC** = 24VDC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Pole Mounted Motion Sensor ** Contact factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

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NEPTUN LIGHT

LED
ROUND AREA/PARKING LOT FIXTURES

PRODUCT INFORMATION

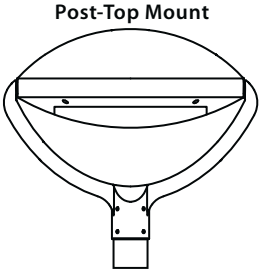
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-435080-UNV	LED Area Fixture	80	81	8,000	120-277	0.34 - 0.15	<20%	>0.90	35 lbs
LED-435100-UNV	LED Area Fixture	100	101	10,000	120-277	0.52 - 0.22	<20%	>0.90	35 lbs
LED-435120-UNV	LED Area Fixture	120	121	12,000	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-435150-UNV	LED Area Fixture	150	151	15,000	120-277	0.87 - 0.37	<20%	>0.90	35 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 ..... 1.57 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

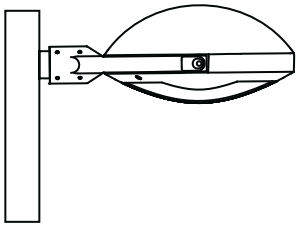
MOUNTING OPTIONS

Post-Top Mount



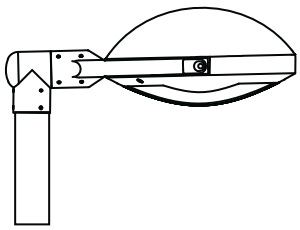
Accepts up to 3" O.D. Round Tenon or Pole

Arm Mount



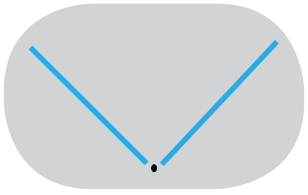
Accepts up to 3" O.D. Round Tenon or Pole (Standard)

Post-Top Tenon Mount



Accepts up to 3" O.D. Round Tenon or Pole 90° Tenon Mount (90DTM) Sold Separately

PHOTOMETRICS (See Complete IES File)



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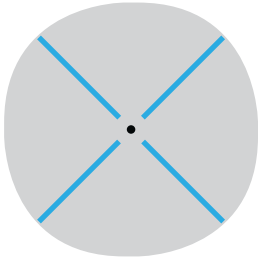

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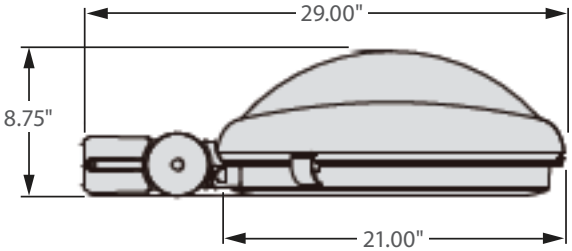
NEPTUN LIGHT

LED
ROUND AREA/PARKING LOT FIXTURES



Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-473 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High Output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 400W

APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- 2-1/2" I.D. Slip Fitter Accepts up to 2-3/8" round Pipe or Tenon.
- Adjustable tilt mounting arm allows for desired angle of fixture.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- High Output COB Cree 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**: 0-10V Dimming, Bi-Level Dimming, Remote Monitoring and ON/OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-473100-UNV-0-10VDIM-850-T3-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-473 = Area / Parking Fixture	**080** = 80 W **100** = 100 W **120** = 120 W **150** = 150 W	**UNV** = 120-277 VAC **347V** = 347VAC **480V** = 480VAC **24VDC** = 24VDC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Pole Mounted Motion Sensor ** Contact factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor	**T3** = Type 3 **T5** = Type 5	**GRY** = Grey * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
ROUND AREA/PARKING LOT FIXTURES

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-473080-UNV	LED Area Fixture	80	81	8,000	120-277	0.34 - 0.15	<20%	>0.90	35 lbs
LED-473100-UNV	LED Area Fixture	100	101	10,000	120-277	0.52 - 0.22	<20%	>0.90	35 lbs
LED-473120-UNV	LED Area Fixture	120	121	12,000	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-473150-UNV	LED Area Fixture	150	151	15,000	120-277	0.87 - 0.37	<20%	>0.90	35 lbs

SPECIFICATIONS

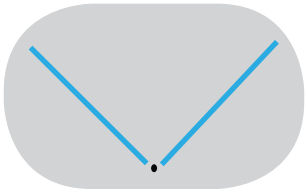
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... 1.57 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

MOUNTING OPTIONS

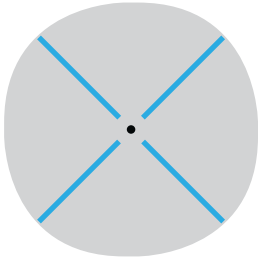
Post-Top Adjustable Tenon Mount

Accepts up to 2-3/8" O.D. Round Tenon or Pole

PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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

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Spec. Rev. 4-2015

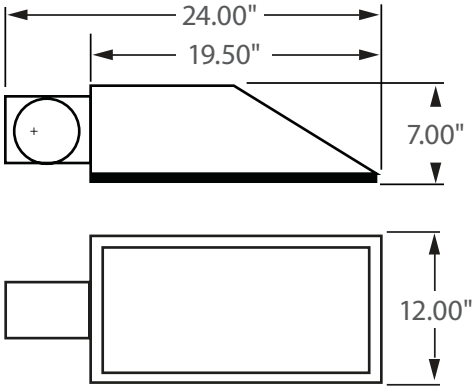
NEPTUN LIGHT

LED
AREA LIGHT FIXTURE

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Dark Sky FRIENDLY

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-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 LEAD FREE COMPLIANT

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NEPTUN LIGHT

LED
AREA LIGHT FIXTURE

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	4,100	120-277	0.34 - 0.15	<20%	>0.90	20 lbs
LED-217060-UNV	LED Area Fixture	60	61	6,100	120-277	0.52 - 0.22	<20%	>0.90	20 lbs
LED-217080-UNV	LED Area Fixture	80	81	8,100	120-277	0.69 - 0.30	<20%	>0.90	20 lbs
LED-217100-UNV	LED Area Fixture	100	101	10,000	120-277	0.87 - 0.37	<20%	>0.90	20 lbs
LED-217120-UNV	LED Area Fixture	120	121	12,000	120-277	1.05 - 0.45	<20%	>0.90	20 lbs

SPECIFICATIONS

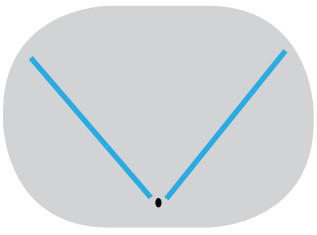
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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

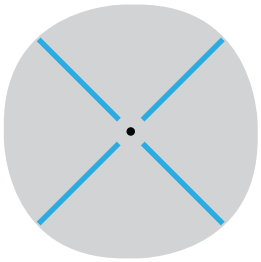
Pole Mount

Wall Mount

PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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

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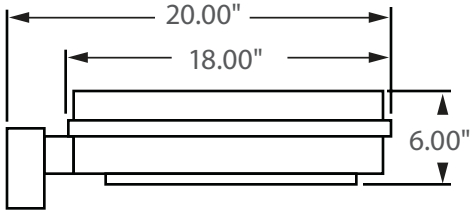
Spec. Rev. 4-2015

NEPTUN LIGHT

LED
ROUND AREA LIGHT FIXTURE



Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

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.
- 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.
- 5Year 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-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 **BL-DIM** = Bi-Level Dimming * * Includes Motion Sensor	**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 **LGN** = Light Genie Node ** ** Contact factory for product information	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

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NEPTUN LIGHT

LED
AREA LIGHT FIXTURE

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	41	4,100	120-277	0.34 - 0.15	<20%	>0.90	20 lbs
LED-218060-UNV	LED Area Fixture	60	61	6,100	120-277	0.52 - 0.22	<20%	>0.90	20 lbs
LED-218080-UNV	LED Area Fixture	80	81	8,100	120-277	0.69 - 0.30	<20%	>0.90	20 lbs
LED-218100-UNV	LED Area Fixture	100	101	10,000	120-277	0.87 - 0.37	<20%	>0.90	20 lbs
LED-218120-UNV	LED Area Fixture	120	121	12,000	120-277	1.05 - 0.45	<20%	>0.90	20 lbs

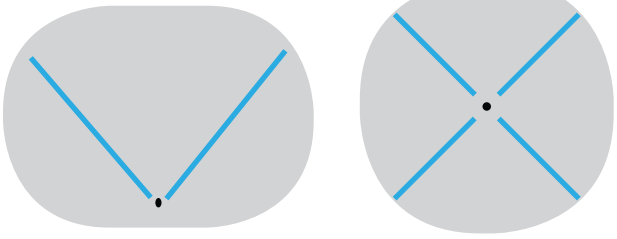
SPECIFICATIONS

- 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 | Dual Pole Mount | Wall Mount

PHOTOMETRICS (See Complete IES File)



Type 3 Distribution | Type 5 Distribution

Neptun Light, Inc.
13950 Business Center Drive
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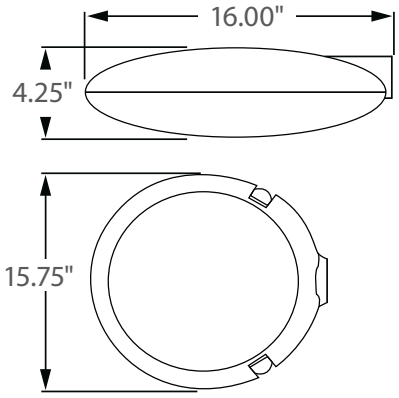
Spec. Rev. 4-2015

NEPTUN LIGHT

LED
ROUND AREA FIXTURE



Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-472 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The high output LED's and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 175W

APPLICATION

- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area 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.
- 1-3/4" I.D. Slip Fitter Accepts up to 1-1/2" Pipe or Tenon.
- Corrosion resistant electrocoat bronze finish (custom colors available).
- Hinged aluminum door frame incorporates stainless steel hardware.
- Wall mount and pole mount brackets available.
- 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, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-472040-UNV-0-10VDIM-850-T3-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-472 = Area Fixture	**040** = 40 W **060** = 60 W **080** = 80 W	**UNV** = 120-277 VAC **347V** = 347VAC **480V** = 480VAC **24VDC** = 24VDC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Pole Mounted Motion Sensor ** Contact factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor	**T3** = Type 3 **T5** = Type 5	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
ROUND AREA FIXTURE

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-472040-UNV	LED Area Fixture	40	41	4,100	120-277	0.34 - 0.15	<20%	>0.90	20 lbs
LED-472060-UNV	LED Area Fixture	60	61	6,100	120-277	0.52 - 0.22	<20%	>0.90	20 lbs
LED-472080-UNV	LED Area Fixture	80	81	8,100	120-277	0.69 - 0.30	<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 ..... 0.46 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

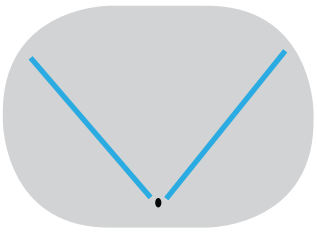
MOUNTING OPTIONS

1-3/4" I.D.
Accepts 1-1/4" - 1-1/2" O.D.
Tenon or Pipe (standard)

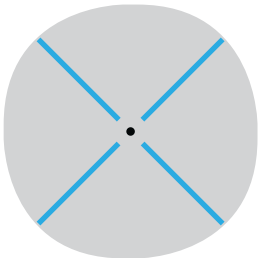
Wall Mount Bracket
WMB (sold separately)

Square Pole Adapter
SPA (sold separately)

PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



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Spec. Rev. 4-2015

NEPTUN LIGHT

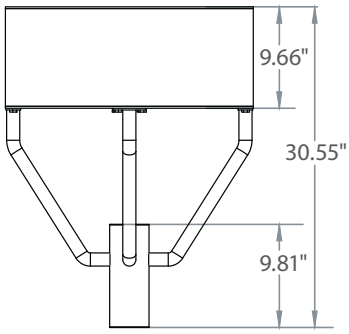
LED
24" ROUND POST-TOP PARKING FIXTURES

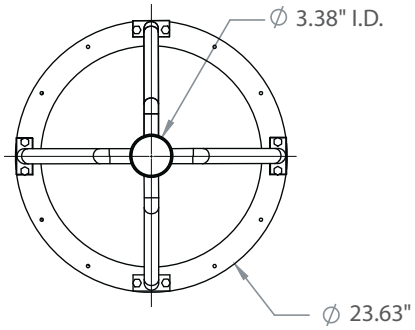
Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING





Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's 24" LED Round Post-Top fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-58 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.
- 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.
- 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-58 = Round 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 **LGN** = Light Genie Node ** ** Contact Factory for product information	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
24" ROUND POST-TOP PARKING FIXTURES

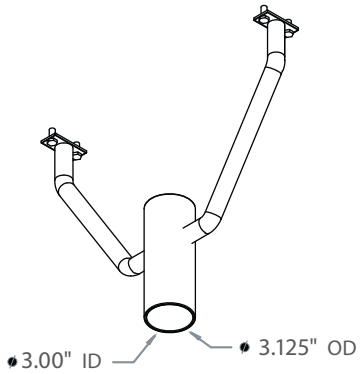
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-58180-UNV	Round Post Top Fixture	180	182	18,200	120-277	1.57 - 0.68	<20%	>0.90	65 lbs
LED-58200-UNV	Round Post Top Fixture	200	202	20,200	120-277	1.74 - 0.75	<20%	>0.90	65 lbs
LED-58260-UNV	Round Post Top Fixture	260	263	26,000	120-277	2.29 - 0.98	<20%	>0.90	65 lbs
LED-58320-UNV	Round Post Top Fixture	320	323	32,000	120-277	2.79 - 1.21	<20%	>0.90	65 lbs

SPECIFICATIONS

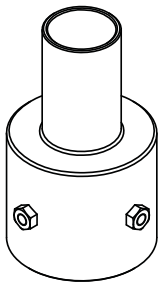
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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



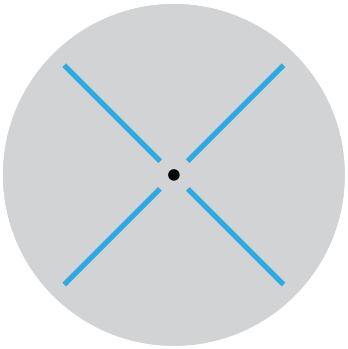
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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Spec. Rev. 4-2015

NEPTUN LIGHT

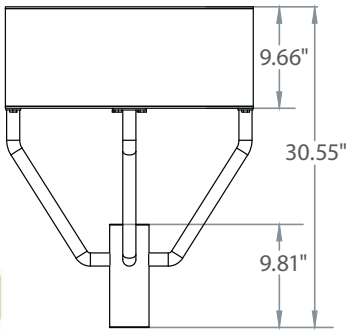
LED
24" SQUARE POST-TOP PARKING FIXTURES

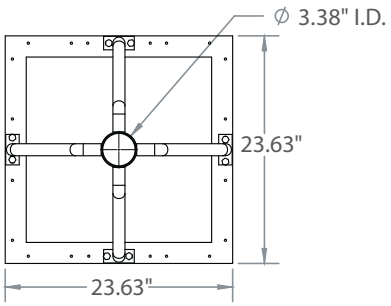
Dark Sky FRIENDLY

** 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.
- 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.
- 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 **LGN** = Light Genie Node ** ** Contact Factory for product information	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
24" SQUARE POST-TOP PARKING FIXTURES

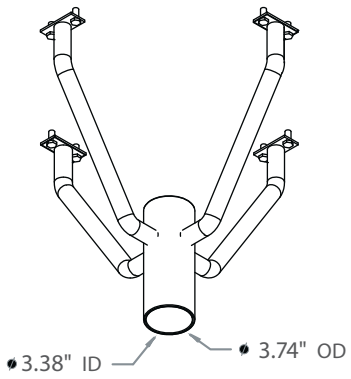
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-59180-UNV	Square Post Top Fixture	180	182	18,200	120-277	1.57 - 0.68	<20%	>0.90	65 lbs
LED-59200-UNV	Square Post Top Fixture	200	202	20,200	120-277	1.74 - 0.75	<20%	>0.90	65 lbs
LED-59260-UNV	Square Post Top Fixture	260	263	26,000	120-277	2.29 - 0.98	<20%	>0.90	65 lbs
LED-59320-UNV	Square Post Top Fixture	320	323	32,000	120-277	2.79 - 1.21	<20%	>0.90	65 lbs

SPECIFICATIONS

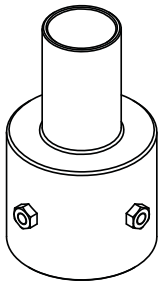
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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



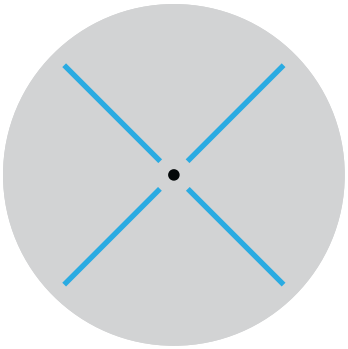
Accepts up to 3.15" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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Spec. Rev. 4-2015

NEPTUN
LIGHT

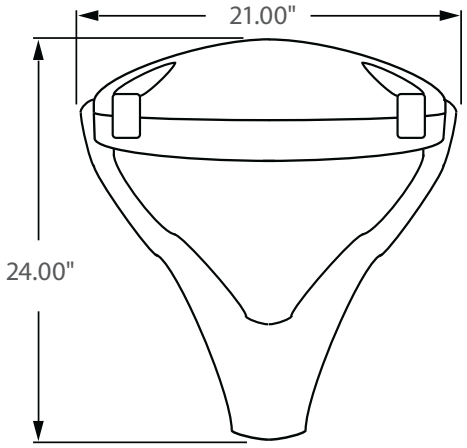
LED
ROUND POST-TOP PARKING FIXTURES

Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's 18" LED Round Post-Top fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-35 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 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Heat and impact resistant sealed glass lens.
- 2-5/8" I.D. Slip Fitter Accepts up to 2-1/2" 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.
- 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.
- 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, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-35080-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-35 = Round Post-Top	**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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = Twist-Lock Photocell **MDP** = Pole Mounted Motion Sensor ON/OFF **LGN** = Light Genie Node ** ** Contact Factory for product information	**BRZ** = Bronze * Custom Colors Available

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service@neptunlight.com | www.NeptunLight.com | 888.735.8330

NEPTUN LIGHT

LED
ROUND POST-TOP PARKING FIXTURES

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-35080-UNV	LED Parking Lot Fixture	80	82	8,600	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-35100-UNV	LED Parking Lot Fixture	100	102	10,300	120-277	0.87 - 0.37	<20%	>0.90	35 lbs
LED-35120-UNV	LED Parking Lot Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	35 lbs
LED-35150-UNV	LED Parking Lot Fixture	150	152	16,400	120-277	1.31 - 0.56	<20%	>0.90	35 lbs

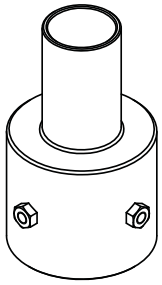
SPECIFICATIONS

- 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 ..... 1.20 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING OPTIONS

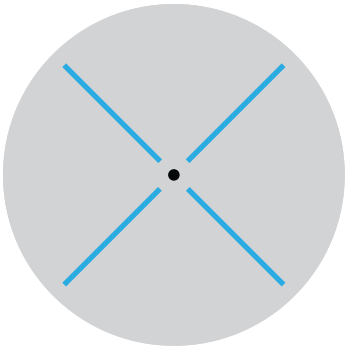
Accepts up to 2-1/2" O.D. Round Tenon or Pole

IOP-RPTR (contact factory)



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

PHOTOMETRICS (See Complete IES File)



Type V Distribution

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Fax: 847.735.8004

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Spec. Rev. 4-2015

NEPTUN LIGHT

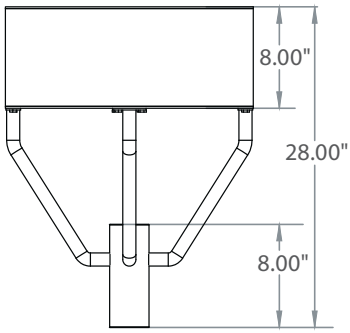
LED
SQUARE POST-TOP PARKING FIXTURES

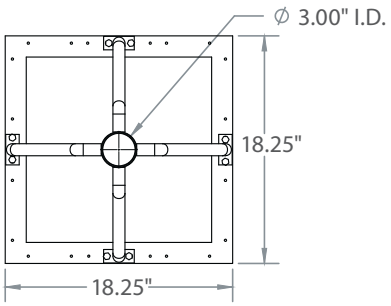
** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Dark Sky FRIENDLY





DLC QPL LISTED

Please check latest update for complete information.
http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's 18" LED Square Post-Top fixture combines classic form and versatility to make it an excellent choice for new construction or retro-fit applications. The LED-64 series square 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 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Stainless steel construction housing.
- Heat and impact resistant sealed glass lens.
- 3" I.D. Slip Fitter Accepts up to 2-7/8" Pipe or Tenon. (hardware included)
- Post-top mounting system incorporates stainless steel hardware.
- Corrosion resistant electrocoat dark bronze finish. (custom colors available)
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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.
- 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, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-64080-UNV-0-10VDIM-850-LD-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-64 = Square Post-Top	**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 ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = Twist-Lock Photocell **MD** = Motion Sensor ON/OFF **LGN** = Light Genie Node ** ** Contact Factory for product information	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT | ETL LISTED | CE | LED lighting facts LED Product Partner

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NEPTUN LIGHT

LED
SQUARE POST-TOP PARKING FIXTURES

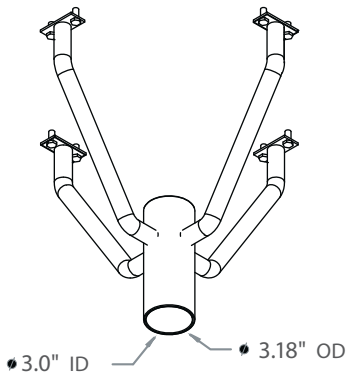
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-64080-UNV	LED Parking Lot Fixture	80	82	8,600	120-277	0.69 - 0.30	<20%	>0.90	48 lbs
LED-64100-UNV	LED Parking Lot Fixture	100	102	10,300	120-277	0.87 - 0.37	<20%	>0.90	48 lbs
LED-64120-UNV	LED Parking Lot Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	48 lbs
LED-64150-UNV	LED Parking Lot Fixture	150	153	15,400	120-277	1.31 - 0.56	<20%	>0.90	48 lbs

SPECIFICATIONS

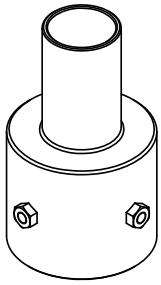
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... 1.20 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

MOUNTING OPTIONS



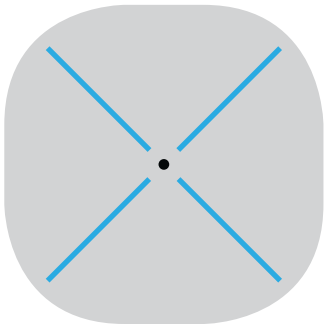
Accepts up to 2-7/8" Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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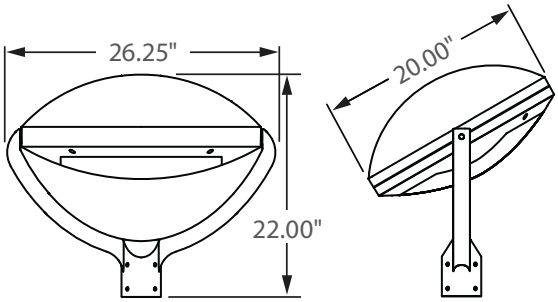
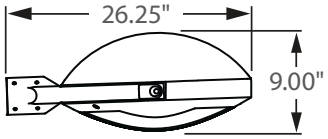
Spec. Rev. 4-2015

NEPTUN LIGHT

LED
ROUND AREA PARKING FIXTURES
POST-TOP OR POLE MOUNT - ADJUSTABLE TILT





Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED Round Area/Parking fixture combines architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-435 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The adjustable arms allow the fixture to be angled in any direction and can be post-top or pole mounted. It can replace existing HID & HPS fixtures up to 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- 3.125" I.D. Slip Fitter Accepts up to 3" Pipe or Tenon.
- Adjustable tilt mounting arm allows for desired angle of fixture.
- Post-top mounting system incorporates stainless steel hardware.
- Corrosion resistant electrocoat dark bronze finish. (custom colors available)
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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.
- 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-435120-UNV-0-10VDIM-850-MDP-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-435 = Round Post-Top	**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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
ROUND POST-TOP PARKING FIXTURES
ADJUSTABLE TILT

PRODUCT INFORMATION

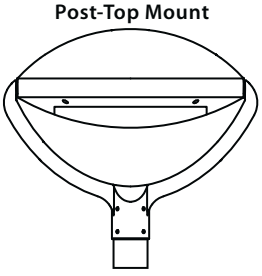
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-435080-UNV	LED Round Area Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	40 lbs
LED-435100-UNV	LED Round Area Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	40 lbs
LED-435120-UNV	LED Round Area Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	40 lbs
LED-435150-UNV	LED Round Area Fixture	150	152	15,200	120-277	1.31 - 0.56	<20%	>0.90	40 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 ..... 1.20 ft.²
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 10 Year

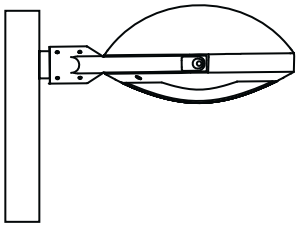
MOUNTING OPTIONS

Post-Top Mount



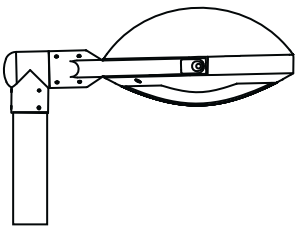
Accepts up to 3" O.D. Round Tenon or Pole

Arm Mount



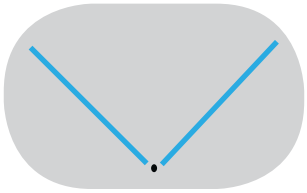
Accepts up to 3" O.D. Round Tenon or Pole

Post-Top Tenon Mount

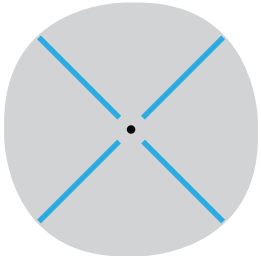


Accepts up to 3" O.D. Round Tenon or Pole 90° Tenon Mount (90DTM) Sold Separately

PHOTOMETRICS (See Complete IES File)



Type 3 Distribution



Type 5 Distribution

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

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Spec. Rev. 4-2015

NEPTUN LIGHT

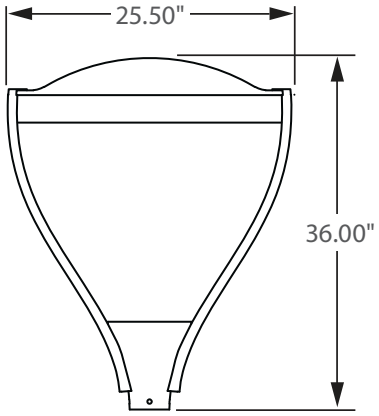
LED
ROUND POST-TOP PARKING FIXTURES

Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED Round Post-Top fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-235 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 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- 2-5/8" I.D. Slip Fitter Accepts up to 2-1/2" 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.
- 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**: 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-235080-UNV-0-10VDIM-850-LD-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-235 = Round Post-Top	**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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = Twist-Lock Photocell **MDP** = Pole Mounted Motion Sensor ON/OFF	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

service@neptunlight.com | www.NeptunLight.com | 888.735.8330

NEPTUN LIGHT

LED
ROUND POST-TOP PARKING FIXTURES

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-235080-UNV	LED Round Area Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-235100-UNV	LED Round Area Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	35 lbs
LED-235120-UNV	LED Round Area Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	35 lbs
LED-235150-UNV	LED Round Area Fixture	150	152	15,200	120-277	1.31 - 0.56	<20%	>0.90	35 lbs

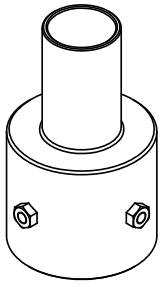
SPECIFICATIONS

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

MOUNTING OPTIONS

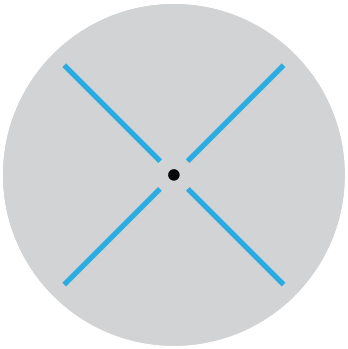
Accepts up to 2-1/2" O.D.
Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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Spec. Rev. 4-2015

NEPTUN LIGHT

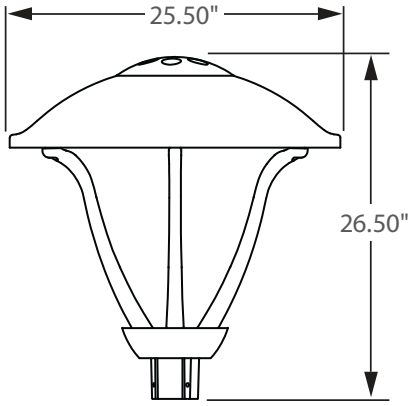
LED
ARCHITECTURAL POST-TOP AREA FIXTURES

Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED Round Post-Top fixture combines a slim architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-335 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 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- 2-5/8" I.D. Slip Fitter Accepts up to 2-1/2" 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.
- 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**: 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-335080-UNV-0-10VDIM-850-MDP-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-335 = Round Post-Top	**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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
ARCHITECTURAL POST-TOP AREA FIXTURES

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-335080-UNV	LED Round Area Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-335100-UNV	LED Round Area Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	35 lbs
LED-335120-UNV	LED Round Area Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	35 lbs
LED-335150-UNV	LED Round Area Fixture	150	152	15,200	120-277	1.31 - 0.56	<20%	>0.90	35 lbs

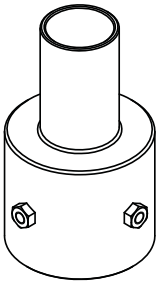
SPECIFICATIONS

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

MOUNTING OPTIONS

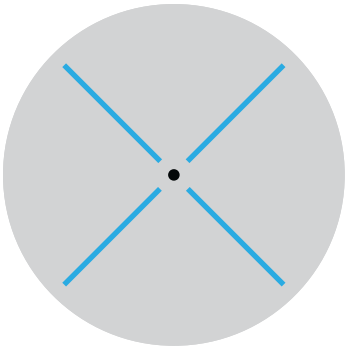
Accepts up to 2-1/2" O.D. Round Tenon or Pole

IOP-RPTR (contact factory)



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

PHOTOMETRICS (See Complete IES File)



Type V Distribution

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13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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Spec. Rev. 4-2015

NEPTUN LIGHT

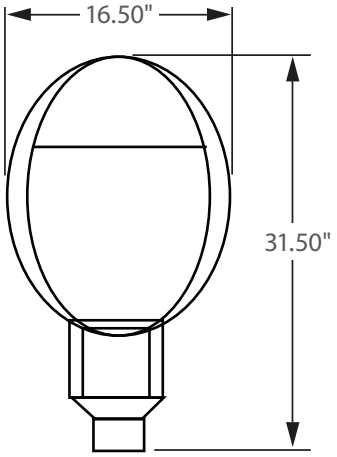
LED
ROUND POST-TOP PARKING FIXTURES

Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED Round Post-Top fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-535 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 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- 2-5/8" I.D. Slip Fitter Accepts up to 2-1/2" 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.
- 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**: 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-535080-UNV-0-10VDIM-850-MDP-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-535 = Round Post-Top	**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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

service@neptunlight.com | www.NeptunLight.com | 888.735.8330

NEPTUN LIGHT

LED
ROUND POST-TOP PARKING FIXTURES

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-535080-UNV	LED Round Area Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-535100-UNV	LED Round Area Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	35 lbs
LED-535120-UNV	LED Round Area Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	35 lbs
LED-535150-UNV	LED Round Area Fixture	150	152	15,200	120-277	1.31 - 0.56	<20%	>0.90	35 lbs

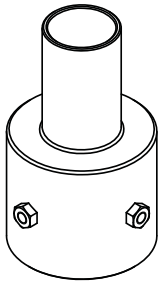
SPECIFICATIONS

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

MOUNTING OPTIONS

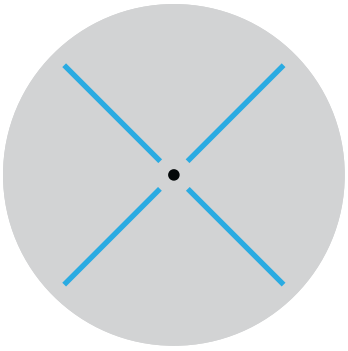
Accepts up to 2-1/2" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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Spec. Rev. 4-2015

NEPTUN LIGHT

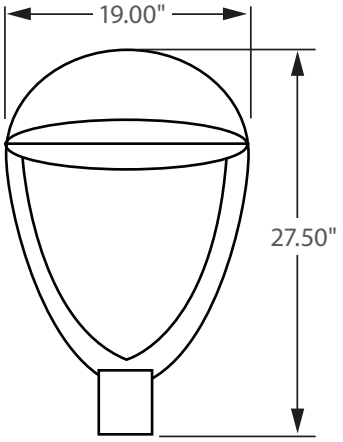
LED
ROUND POST-TOP PARKING FIXTURES

Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED Round Post-Top fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-635 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 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- 2-5/8" I.D. Slip Fitter Accepts up to 2-1/2" 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.
- 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**: 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-635080-UNV-0-10VDIM-850-MDP-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-635 = Round Post-Top	**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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

service@neptunlight.com | www.NeptunLight.com | 888.735.8330

NEPTUN LIGHT

LED
ROUND POST-TOP PARKING FIXTURES

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-635080-UNV	LED Round Area Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-635100-UNV	LED Round Area Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	35 lbs
LED-635120-UNV	LED Round Area Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	35 lbs
LED-635150-UNV	LED Round Area Fixture	150	152	15,200	120-277	1.31 - 0.56	<20%	>0.90	35 lbs

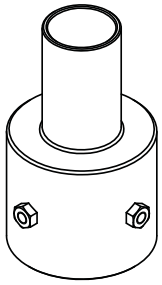
SPECIFICATIONS

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

MOUNTING OPTIONS

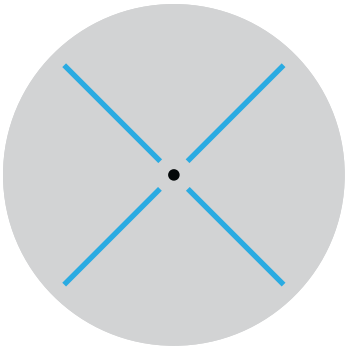
Accepts up to 2-1/2" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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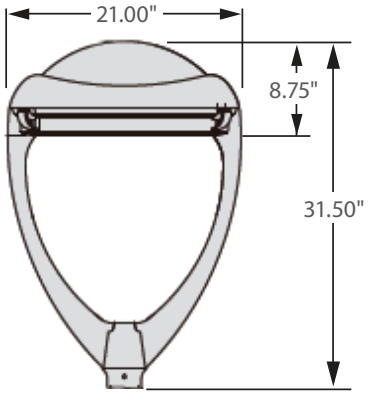
Spec. Rev. 4-2015

NEPTUN LIGHT

LED
POST-TOP AREA LIGHT FIXTURES



Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED Round Post-Top fixture combines a slim architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-835 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 250W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- 2-5/8" I.D. Slip Fitter Accepts up to 2-1/2" Pipe or Tenon.
- Corrosion resistant electrocoat grey 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.
- 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**: 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-735080-UNV-0-10VDIM-850-MDP-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-735 = Round Post-Top	**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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**GRY** = Grey * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
POST-TOP PARKING FIXTURES

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-735080-UNV	LED Round Area Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-735100-UNV	LED Round Area Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	35 lbs
LED-735120-UNV	LED Round Area Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	35 lbs
LED-735150-UNV	LED Round Area Fixture	150	152	15,200	120-277	1.31 - 0.56	<20%	>0.90	35 lbs

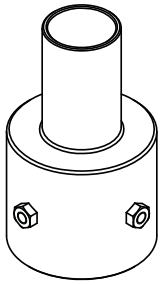
SPECIFICATIONS

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

MOUNTING OPTIONS

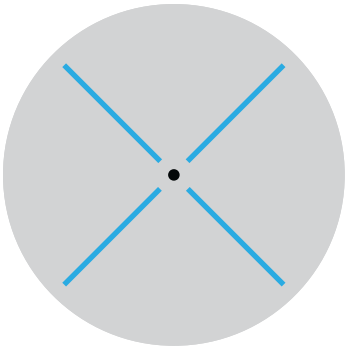
Accepts up to 2-1/2" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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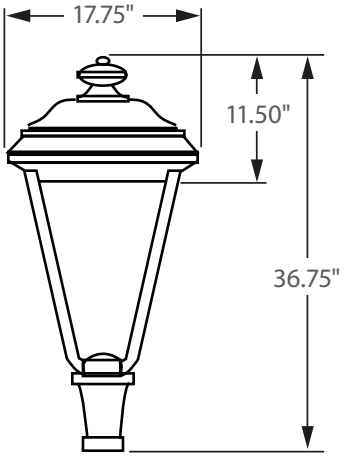
Spec. Rev. 4-2015

NEPTUN LIGHT

LED
ARCHITECTURAL POST-TOP AREA FIXTURES



Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED Round Post-Top fixture combines a slim architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-835 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 250W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- 2-5/8" I.D. Slip Fitter Accepts up to 2-1/2" 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.
- 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**: 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-835080-UNV-0-10VDIM-850-MDP-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-835 = Round Post-Top	**040** = 40 W **060** = 60 W **080** = 80 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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BRZ** = Bronze * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
ARCHITECTURAL POST-TOP AREA FIXTURES

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-835040-UNV	LED Round Area Fixture	40	41	4,200	120-277	0.34 - 0.15	<20%	>0.90	35 lbs
LED-835060-UNV	LED Round Area Fixture	60	61	6,200	120-277	0.52 - 0.22	<20%	>0.90	35 lbs
LED-835080-UNV	LED Round Area Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	35 lbs

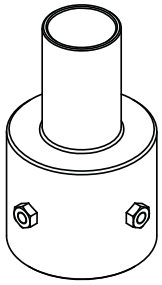
SPECIFICATIONS

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

MOUNTING OPTIONS

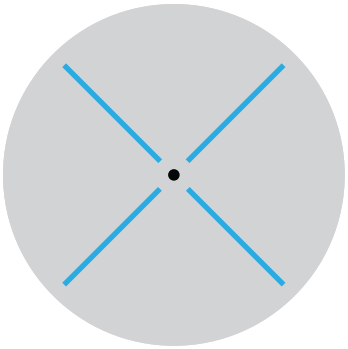
Accepts up to 2-1/2" O.D. Round Tenon or Pole

IOP-RPTR (contact factory)



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

PHOTOMETRICS (See Complete IES File)



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Spec. Rev. 4-2015

NEPTUN LIGHT

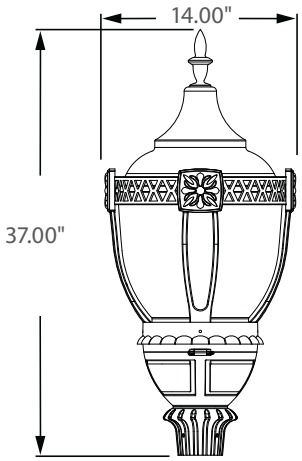
LED
POST-TOP ACORN FIXTURES

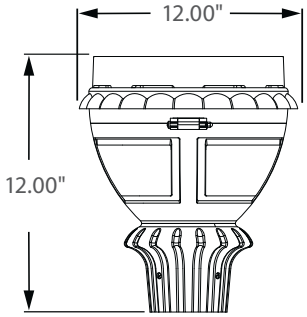
Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING





Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features a traditional decorative style to make it an excellent choice for new construction or retrofit applications. The LED-94 series offers excellent illumination and uniformity. The cut-off hood allows for use in Dark Sky applications. Offered in a variety of wattages, it can replace existing HID & HPS fixtures up to 250W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Fiberglass reinforced composite housing for excellent durability and strength.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
- Corrosion resistant electrocoat black finish (custom colors available).
- 3" I.D. Slip Fitter Accepts up to 2-7/8" Pipe or Tenon. (hardware included)
- Continuous silicone gasket surrounds lens for weather - tight seal.
- 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).
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional**: 0-10V Dimming, Bi-Level Dimming, Remote Monitoring and ON/OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-94040-UNV-0-10VDIM-850-MDP-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-94 = Post-Top Acorn 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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black * Custom Colors Available

RoHS COMPLIANT

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NEPTUN LIGHT

LED
POST-TOP ACORN FIXTURES

PRODUCT INFORMATION

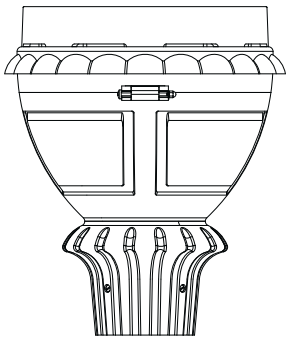
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-94040-UNV	Post-Top Acorn Fixture	40	42	3,600	120-277	0.34 - 0.15	<20%	>0.90	35 lbs
LED-94060-UNV	Post-Top Acorn Fixture	60	62	5,100	120-277	0.52 - 0.22	<20%	>0.90	35 lbs
LED-94080-UNV	Post-Top Acorn Fixture	80	82	6,800	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-94100-UNV	Post-Top Acorn Fixture	100	102	8,500	120-277	0.87 - 0.37	<20%	>0.90	35 lbs
LED-94120-UNV	Post-Top Acorn Fixture	120	122	10,200	120-277	1.05 - 0.45	<20%	>0.90	35 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 ..... > 80
- 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 ..... 1.70 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

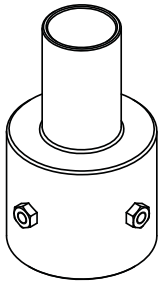
MOUNTING OPTIONS

SLIP-FIT MOUNT



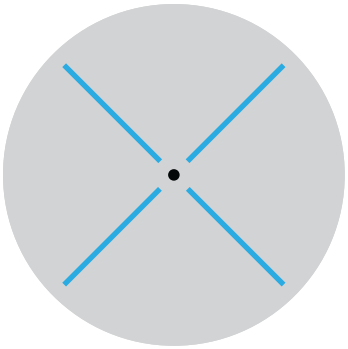
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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Spec. Rev. 4-2015

NEPTUN LIGHT

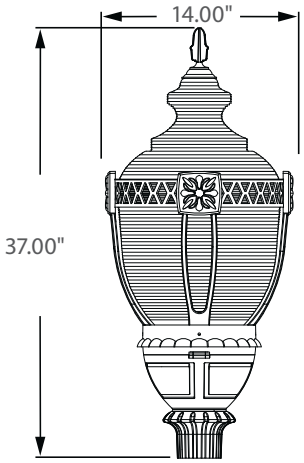
LED
POST-TOP ACORN FIXTURES

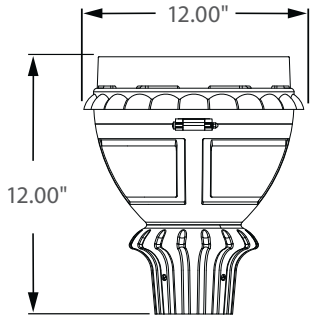
LAMP INCLUDED

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING





Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features a traditional decorative style to make it an excellent choice for new construction or retrofit applications. The LED-93 series offers excellent illumination and uniformity. Offered in a variety of wattages, it can replace existing HID & HPS fixtures up to 250W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Fiberglass reinforced composite housing for excellent durability and strength.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
- Corrosion resistant electrocoat black finish (custom colors available).
- 3" I.D. Slip Fitter Accepts up to 2-7/8" Pipe or Tenon. (hardware included)
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Supplied with 360° LED lamp.
- 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).
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional**: 0-10V Dimming, Bi-Level Dimming, Remote Monitoring and ON/OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-93040-UNV-850-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-93 = Post-Top Acorn 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 * * Available only in 80-100w units	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Pole Mounted Motion Sensor ** Options only available in 80-120W *** Contact Factory for dimming options	**830** = 3000°K **841** = 4100°K **850** = 5000°K	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
POST-TOP ACORN FIXTURES

PRODUCT INFORMATION

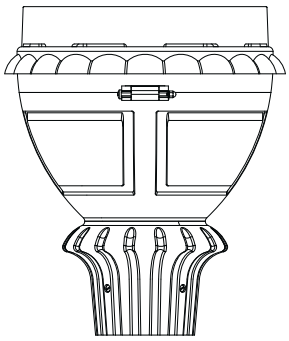
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-93040-UNV	Post-Top Acorn Fixture	40	41	3,200	120-277	0.34 - 0.15	<20%	>0.90	32 lbs
LED-93060-UNV	Post-Top Acorn Fixture	60	62	4,800	120-277	0.52 - 0.22	<20%	>0.90	32 lbs
LED-93080-UNV	Post-Top Acorn Fixture	80	82	6,400	120-277	0.69 - 0.30	<20%	>0.90	32 lbs
LED-93100-UNV	Post-Top Acorn Fixture	100	102	8,000	120-277	0.87 - 0.37	<20%	>0.90	32 lbs
LED-93120-UNV	Post-Top Acorn Fixture	120	122	9,600	120-277	1.05 - 0.45	<20%	>0.90	32 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 ..... > 80
- 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 ..... 1.70 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Warranty ..... 5 Year

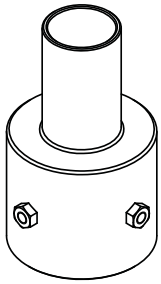
MOUNTING OPTIONS

SLIP-FIT MOUNT



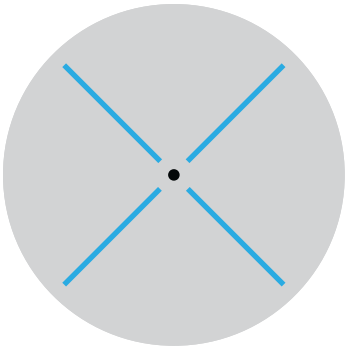
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
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Fax: 847.735.8004

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Spec. Rev. 4-2015

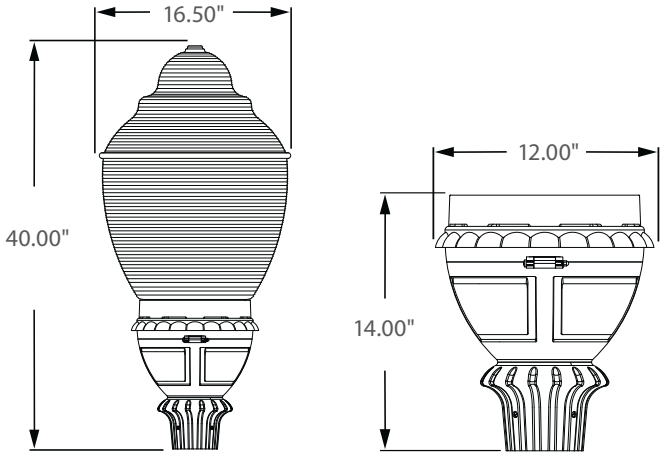
NEPTUN LIGHT

LED
POST-TOP ACORN FIXTURES

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V
FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features a traditional decorative style to make it an excellent choice for new construction or retrofit applications. The LED-91 series offers excellent illumination and uniformity. Offered in a variety of wattages, it can replace existing HID & HPS fixtures up to 250W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Fiberglass reinforced composite housing for excellent durability and strength.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
- Corrosion resistant electrocoat black finish (custom colors available).
- 3" I.D. Slip Fitter Accepts up to 2-7/8" Pipe or Tenon. (hardware included)
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Supplied with 360° LED lamp.
- 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).
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional**: 0-10V Dimming, Bi-Level Dimming, Remote Monitoring and ON/OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-91040-UNV-850-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-91 = Post-Top Acorn 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 * * Available only in 80-100w units	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Pole Mounted Motion Sensor ** Options only available in 80-120W *** Contact Factory for dimming options	**830** = 3000°K **841** = 4100°K **850** = 5000°K	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black * Custom Colors Available

RoHS LEAD FREE COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
POST-TOP ACORN FIXTURES

PRODUCT INFORMATION

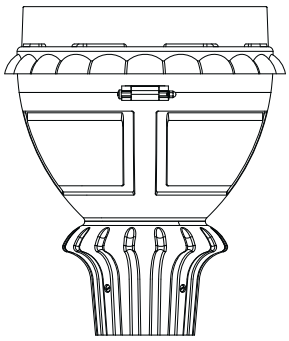
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-91040-UNV	Post-Top Acorn Fixture	40	41	3,200	120-277	0.34 - 0.15	<20%	>0.90	32 lbs
LED-91060-UNV	Post-Top Acorn Fixture	60	62	4,800	120-277	0.52 - 0.22	<20%	>0.90	32 lbs
LED-91080-UNV	Post-Top Acorn Fixture	80	82	6,400	120-277	0.69 - 0.30	<20%	>0.90	32 lbs
LED-91100-UNV	Post-Top Acorn Fixture	100	102	8,000	120-277	0.87 - 0.37	<20%	>0.90	32 lbs
LED-91120-UNV	Post-Top Acorn Fixture	120	122	9,600	120-277	1.05 - 0.45	<20%	>0.90	32 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 ..... > 80
- 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 ..... 1.70 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Warranty ..... 5 Year

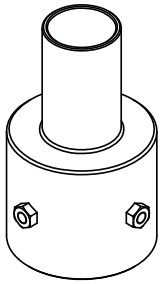
MOUNTING OPTIONS

SLIP-FIT MOUNT



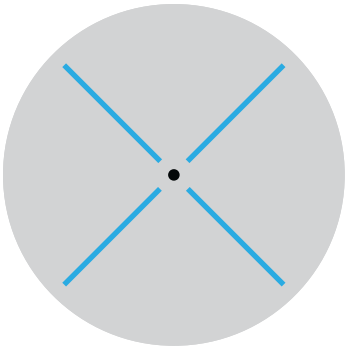
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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Spec. Rev. 4-2015

NEPTUN LIGHT

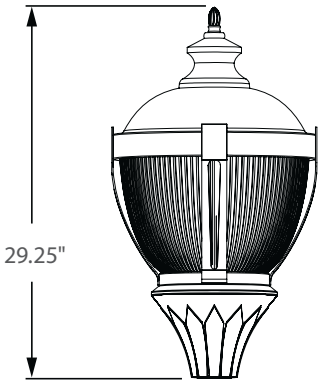
LED
POST-TOP ACORN FIXTURES

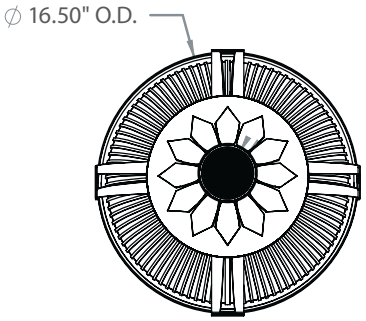
Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING





Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features a traditional decorative style to make it an excellent choice for new construction or retrofit applications. The LED-90 series offers excellent illumination and uniformity. The full cut-off hood allows for use in Dark Sky applications. It can replace existing HID & HPS fixtures up to 250W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Fiberglass reinforced composite housing for excellent durability and strength.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
- Corrosion resistant electrocoat black finish (custom colors available).
- 3" I.D. Slip Fitter Accepts up to 2-7/8" Pipe or Tenon. (hardware included)
- Continuous silicone gasket surrounds lens for weather - tight seal.
- 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).
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 15 year maintenance free operation.
- 5 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-90020-UNV-0-10VDIM-850-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-90 = Post-Top Acorn Fixture	**020** = 20 W **040** = 40 W **060** = 60 W **080** = 80 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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

service@neptunlight.com | www.NeptunLight.com | 888.735.8330

NEPTUN LIGHT

LED
POST-TOP ACORN FIXTURES

PRODUCT INFORMATION

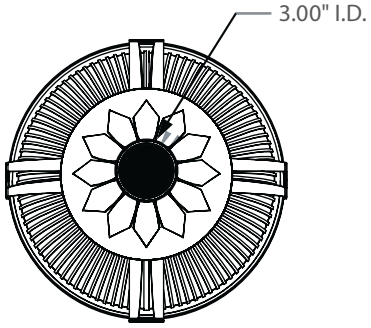
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-90020-UNV	LED Post-Top Acorn Fixture	20	21	1,800	120-277	0.17 - 0.07	<20%	>0.90	25 lbs
LED-90040-UNV	LED Post-Top Acorn Fixture	40	42	3,600	120-277	0.34 - 0.15	<20%	>0.90	25 lbs
LED-90060-UNV	LED Post-Top Acorn Fixture	60	62	5,100	120-277	0.52 - 0.22	<20%	>0.90	25 lbs
LED-90080-UNV	LED Post-Top Acorn Fixture	80	82	6,800	120-277	0.69 - 0.30	<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 ..... > 80
- 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 ..... 1.50 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

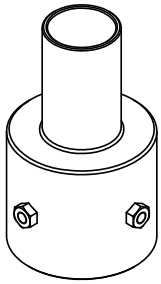
MOUNTING OPTIONS

SLIP-FIT MOUNT



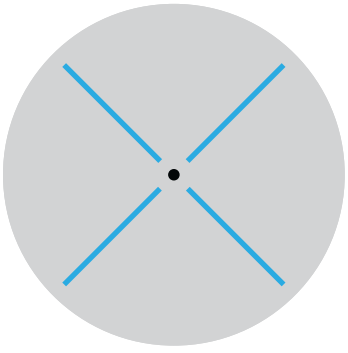
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-RPTR (contact factory)



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

PHOTOMETRICS (See Complete IES File)



Type V Distribution

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Fax: 847.735.8004

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Spec. Rev. 4-2015

NEPTUN LIGHT

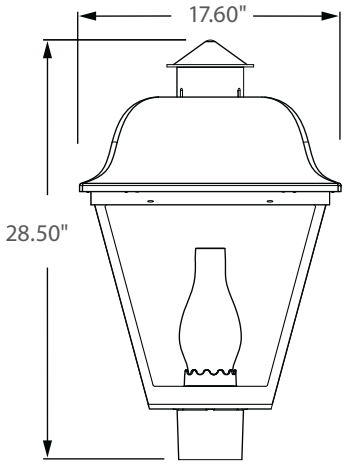
LED
POST-TOP ACORN FIXTURES

Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features a traditional decorative style to make it an excellent choice for new construction or retrofit applications. The LED-95 series offers excellent illumination and uniformity. The cut-off hood allows for use in Dark Sky applications. It can replace existing HID & HPS fixtures up to 150W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Fiberglass reinforced composite housing for excellent durability and strength.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
- Corrosion resistant electrocoat black finish (custom colors available).
- 3" I.D. Slip Fitter Accepts up to 2-7/8" Pipe or Tenon. (hardware included)
- Continuous silicone gasket surrounds lens for weather - tight seal.
- 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).
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 15 year maintenance free operation.
- 5 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-95020-UNV-0-10VDIM-850-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-95 = Post-Top Acorn Fixture	**020** = 20 W **040** = 40 W **060** = 60 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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black * Custom Colors Available

RoHS LEAD FREE COMPLIANT

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NEPTUN LIGHT

LED
POST-TOP ACORN FIXTURES

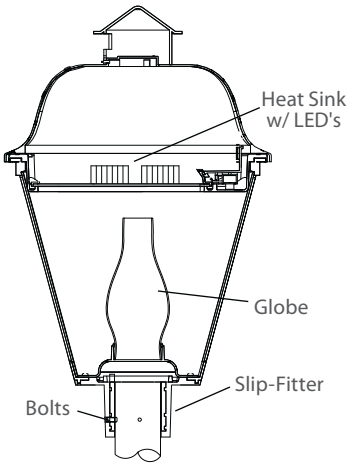
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-95020-UNV	Post-Top Acorn Fixture	20	21	1,800	120-277	0.17 - 0.07	<20%	>0.90	25 lbs
LED-95040-UNV	Post-Top Acorn Fixture	40	42	3,600	120-277	0.34 - 0.15	<20%	>0.90	25 lbs
LED-95060-UNV	Post-Top Acorn Fixture	60	62	5,400	120-277	0.52 - 0.22	<20%	>0.90	25 lbs

SPECIFICATIONS

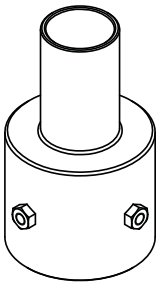
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... > 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 ..... 1.50 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

MOUNTING OPTIONS



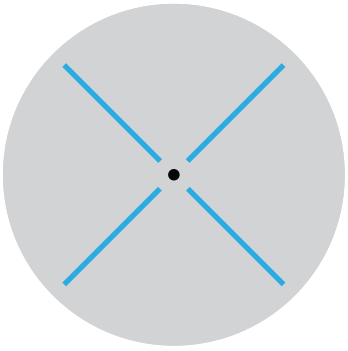
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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Spec. Rev. 4-2015

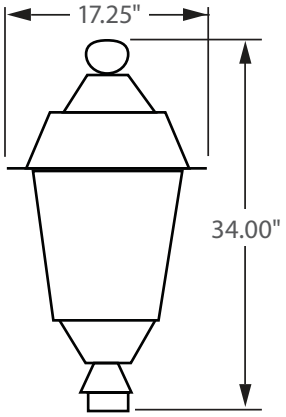
NEPTUN LIGHT

LED
POST-TOP ACORN FIXTURES

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Dark Sky FRIENDLY

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features a traditional decorative style to make it an excellent choice for new construction or retrofit applications. The LED-195 series offers excellent illumination and uniformity. The cut-off hood allows for use in Dark Sky applications. It can replace existing HID & HPS fixtures up to 150W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Fiberglass reinforced composite housing for excellent durability and strength.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
- Corrosion resistant electrocoat black finish (custom colors available).
- 3" I.D. Slip Fitter Accepts up to 2-7/8" Pipe or Tenon. (hardware included)
- Continuous silicone gasket surrounds lens for weather - tight seal.
- 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).
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional**: 0-10V Dimming, Bi-Level Dimming Remote Monitoring and ON/OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-195020-UNV-0-10VDIM-850-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-195 = Post-Top Acorn Fixture	**020** = 20 W **040** = 40 W **060** = 60 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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black * Custom Colors Available

RoHS COMPLIANT

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NEPTUN LIGHT

LED
POST-TOP ACORN FIXTURES

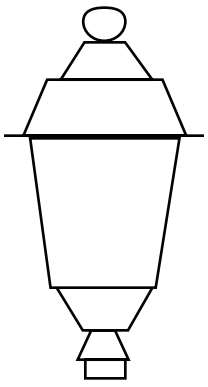
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-195020-UNV	Post-Top Acorn Fixture	20	21	1,800	120-277	0.17 - 0.07	<20%	>0.90	25 lbs
LED-195040-UNV	Post-Top Acorn Fixture	40	42	3,600	120-277	0.34 - 0.15	<20%	>0.90	25 lbs
LED-195060-UNV	Post-Top Acorn Fixture	60	62	5,400	120-277	0.52 - 0.22	<20%	>0.90	25 lbs

SPECIFICATIONS

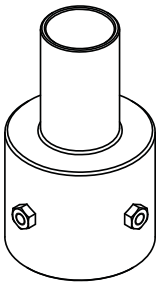
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... > 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 ..... 1.50 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

MOUNTING OPTIONS



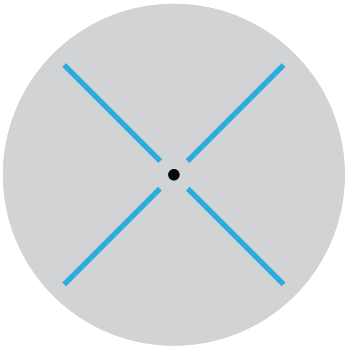
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-RPTR (contact factory)



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

PHOTOMETRICS (See Complete IES File)



Type V Distribution

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Spec. Rev. 4-2015

NEPTUN LIGHT

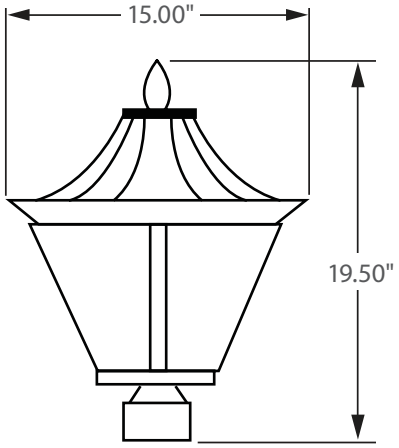
LED
POST-TOP ACORN FIXTURES

Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features a traditional decorative style to make it an excellent choice for new construction or retrofit applications. The LED-295 series offers excellent illumination and uniformity. The cut-off hood allows for use in Dark Sky applications. It can replace existing HID & HPS fixtures up to 150W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Fiberglass reinforced composite housing for excellent durability and strength.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
- Corrosion resistant electrocoat black finish (custom colors available).
- 3" I.D. Slip Fitter Accepts up to 2-7/8" Pipe or Tenon. (hardware included)
- Continuous silicone gasket surrounds lens for weather - tight seal.
- 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).
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional**: 0-10V Dimming, Bi-Level Dimming Remote Monitoring and ON/OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-295020-UNV-0-10VDIM-850-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-295 = Post-Top Acorn Fixture	**020** = 20 W **040** = 40 W **060** = 60 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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black * Custom Colors Available

RoHS COMPLIANT

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NEPTUN LIGHT

LED
POST-TOP ACORN FIXTURES

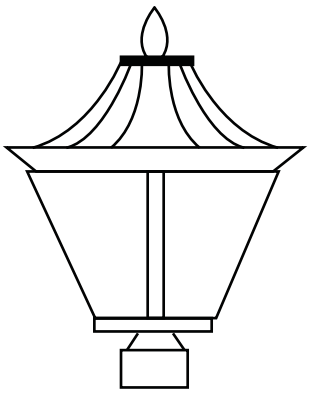
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-295020-UNV	Post-Top Acorn Fixture	20	21	1,800	120-277	0.17 - 0.07	<20%	>0.90	25 lbs
LED-295040-UNV	Post-Top Acorn Fixture	40	42	3,600	120-277	0.34 - 0.15	<20%	>0.90	25 lbs
LED-295060-UNV	Post-Top Acorn Fixture	60	62	5,400	120-277	0.52 - 0.22	<20%	>0.90	25 lbs

SPECIFICATIONS

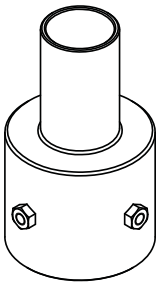
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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 ..... > 80
- 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 ..... 1.50 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

MOUNTING OPTIONS



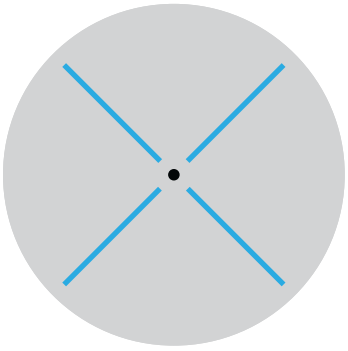
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-RPTR (contact factory)



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

PHOTOMETRICS (See Complete IES File)



Type V Distribution

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Lake Forest, IL 60045
Fax: 847.735.8004

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NEPTUN LIGHT

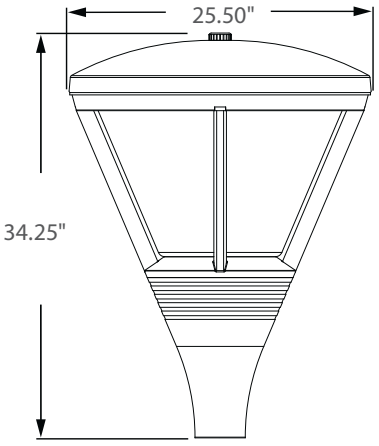
LED
POST-TOP ACORN FIXTURES

Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features a traditional decorative style to make it an excellent choice for new construction or retrofit applications. The LED-92 series offers excellent illumination and uniformity. The full cut-off hood allows for use in Dark Sky applications. Offered in a variety of wattages, it can replace existing HID & HPS fixtures up to 400W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Fiberglass reinforced composite housing for excellent durability and strength.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
- Corrosion resistant electrocoat black finish (custom colors available).
- 3" I.D. Slip Fitter Accepts up to 2-7/8" Pipe or Tenon. (hardware included)
- Continuous silicone gasket surrounds lens for weather - tight seal.
- 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).
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 15 year maintenance free operation.
- 5 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-92060-UNV-0-10VDIM-850-MDP-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-92 = Post-Top Acorn Fixture	**060** = 60 W **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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black * Custom Colors Available

RoHS COMPLIANT

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NEPTUN LIGHT

LED
POST-TOP ACORN FIXTURES

PRODUCT INFORMATION

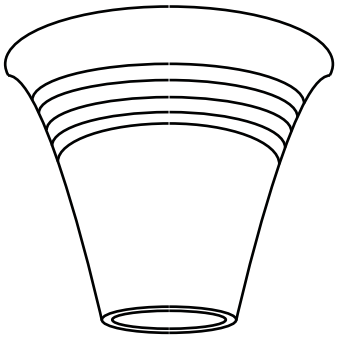
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-92060-UNV	Post-Top Acorn Fixture	60	62	5,400	120-277	0.52 - 0.22	<20%	>0.90	38 lbs
LED-92080-UNV	Post-Top Acorn Fixture	80	82	7,200	120-277	0.69 - 0.30	<20%	>0.90	38 lbs
LED-92100-UNV	Post-Top Acorn Fixture	100	102	9,000	120-277	0.87 - 0.37	<20%	>0.90	38 lbs
LED-92120-UNV	Post-Top Acorn Fixture	120	122	10,800	120-277	1.05 - 0.45	<20%	>0.90	38 lbs
LED-92150-UNV	Post-Top Acorn Fixture	150	152	13,500	120-277	1.31 - 0.56	<20%	>0.90	38 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 ..... > 80
- 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 ..... 1.80 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

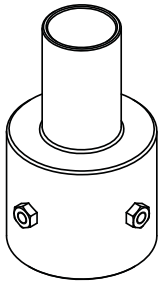
MOUNTING OPTIONS

SLIP-FIT MOUNT



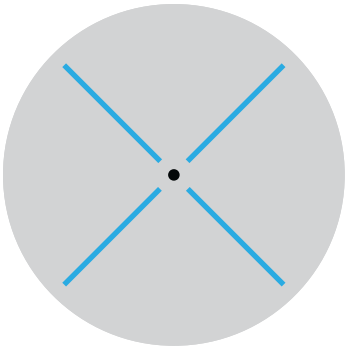
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-RPTR (contact factory)



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

PHOTOMETRICS (See Complete IES File)



Type V Distribution

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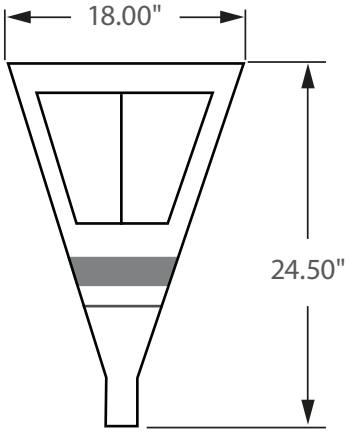
NEPTUN LIGHT

LED
POST-TOP AREA FIXTURES



Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features architectural style to make it an excellent choice for new construction or retrofit applications. The LED-888 series offers excellent illumination and uniformity. The cut-off hood allows for use in Dark Sky applications. It can replace existing HID & HPS fixtures up to 250W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Fiberglass reinforced composite housing for excellent durability and strength.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
- Corrosion resistant electrocoat dark bronze finish (custom colors available).
- 2-7/8" I.D. Slip Fitter Accepts up to 2-1/2" Pipe or Tenon. (hardware included)
- 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).
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Up to 15 year maintenance free operation.
- 5 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-888060-UNV-0-10VDIM-850-MDP-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-888 = Post-Top Acorn Fixture	**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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
POST-TOP AREA FIXTURES

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-888060-UNV	Post-Top Area Fixture	60	62	5,400	120-277	0.52 - 0.22	<20%	>0.90	25 lbs
LED-888080-UNV	Post-Top Area Fixture	80	82	7,200	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-888100-UNV	Post-Top Area Fixture	100	102	9,000	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-888120-UNV	Post-Top Area Fixture	120	122	10,800	120-277	1.05 - 0.45	<20%	>0.90	25 lbs

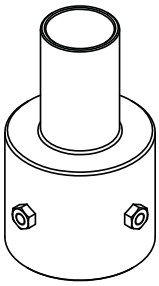
SPECIFICATIONS

- 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 ..... > 80
- 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 ..... 1.70 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

MOUNTING OPTIONS

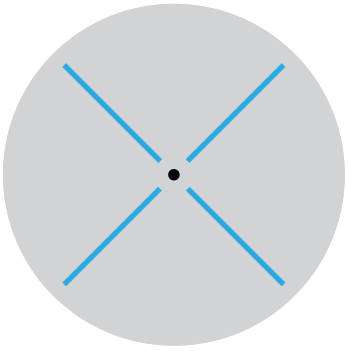
Accepts up to 2-1/2" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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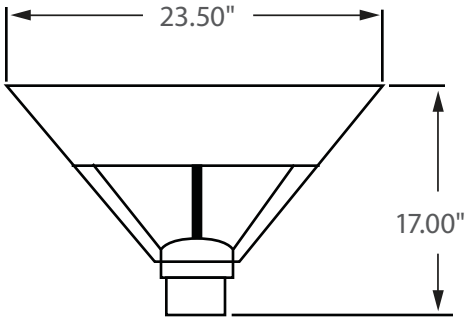
Spec. Rev. 4-2015

NEPTUN LIGHT

LED
POST-TOP AREA FIXTURES



Dark Sky FRIENDLY

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V FULL DIMMING

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features architectural style to make it an excellent choice for new construction or retrofit applications. The LED-887 series offers excellent illumination and uniformity. The cut-off hood allows for use in Dark Sky applications. It can replace existing HID & HPS fixtures up to 250W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- 2-7/8" I.D. Slip Fitter Accepts up to 2-1/2" Pipe or Tenon. (hardware included)
- Corrosion resistant electrocoat black finish (custom colors available).
- 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).
- Up to 15 year maintenance free operation.
- 5 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-887060-UNV-0-10VDIM-850-LD-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-887 = Post-Top Area Fixture	**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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = Twist-Lock Photocell **MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black * Custom Colors Available

RoHS COMPLIANT

lightinnovations@work™

NEPTUN LIGHT

LED
POST-TOP AREA FIXTURES

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-887060-UNV	Post-Top Area Fixture	60	62	6,200	120-277	0.52 - 0.22	<20%	>0.90	25 lbs
LED-887080-UNV	Post-Top Area Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-887100-UNV	Post-Top Area Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-887120-UNV	Post-Top Area Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	25 lbs

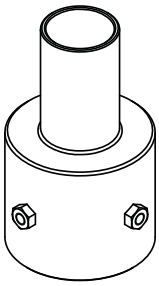
SPECIFICATIONS

- 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
- EPA Rating ..... 1.31 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

MOUNTING OPTIONS

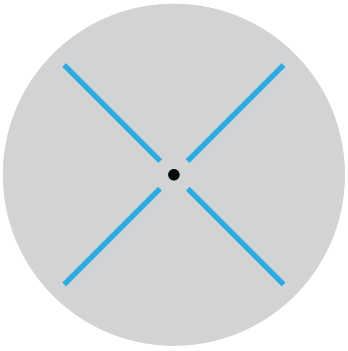
Accepts up to 2-1/2" O.D. Round Tenon or Pole

IOP-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.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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Spec. Rev. 4-2015

NEPTUN LIGHT

LED
ARCHITECTURAL POST-TOP AREA FIXTURES

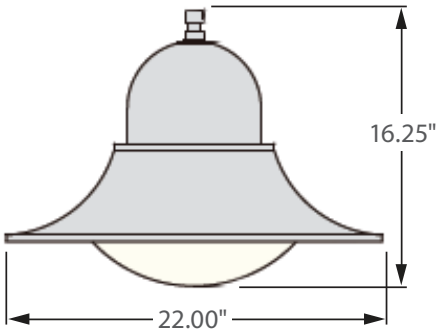
Pole Mount Arm
Sold Separately

** AVAILABLE **

Bi-Level 100% / Dimming 50%

0 - 10V FULL DIMMING

Dark Sky FRIENDLY



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features architectural style to make it an excellent choice for new construction or retrofit applications. The LED-987 series offers excellent illumination and uniformity. The cut-off hood allows for use in Dark Sky applications. It can replace existing HID & HPS fixtures up to 250W.

APPLICATION

- Street Lighting
- Parking Lot Lighting
- Security Lighting
- Decorative Post-Top Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
- Corrosion resistant electrocoat black finish. (custom colors available)
- Accepts 3/4" NPT pipe. (hardware included)
- Mounting arm available for pole 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).
- Up to 15 year maintenance free operation.
- 5 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-987060-UNV-0-10VDIM-850-LD-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-987 = Post-Top AreaFixture	**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 Pole Mounted Motion Sensor ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**MDP** = Pole Mounted Motion Sensor ON/OFF **PMA** = Pole Mount Arm	**BLK** = Black * Custom Colors Available

RoHS COMPLIANT

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NEPTUN LIGHT

LED
ARCHITECTURAL POST-TOP AREA FIXTURES

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-987060-UNV	Post-Top Area Fixture	60	62	6,200	120-277	0.52 - 0.22	<20%	>0.90	25 lbs
LED-987080-UNV	Post-Top Area Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-987100-UNV	Post-Top Area Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-987120-UNV	Post-Top Area Fixture	120	122	12,200	120-277	1.05 - 0.45	<20%	>0.90	25 lbs

SPECIFICATIONS

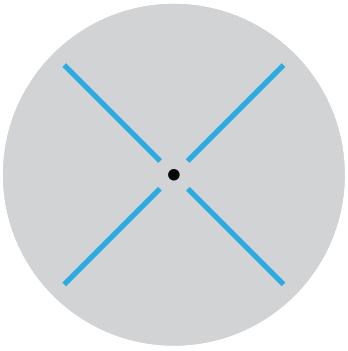
- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 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
- EPA Rating ..... 1.31 ft.^{2}
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty ..... 5 Year

MOUNTING OPTIONS

Accepts up to 3/4" NPT Pipe

Pole Mount (sold separately)

PHOTOMETRICS (See Complete IES File)



Type V Distribution

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

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Spec. Rev. 4-2015

LED Lighting Limited Warranty

NEPTUN Light, Inc ("NEPTUN"), 13950 Business Center Dr, Lake Forest, IL 60045 warrants that it's LED (Light Emitting Diodes) light bulbs and LED lighting systems will be free from defect in material and workmanship from the date of installation for 5 years

This warranty is conditioned upon proper storage, installation, use and maintenance. This warranty is not applicable to any Neptun LED lighting products which are not installed and operated in accordance with the current edition of the National Electric Code (NEC), the Standards for Safety of Underwriter's Laboratories, INC (UL), the Standards of the American National Standards Institute (ANSI), and with NEPTUN's instructions and guidelines for LED bulb and LED lighting systems. This warranty is not applicable to any Neptun LED lighting products subjected to abnormal stresses and operating conditions.

NEPTUN shall correct any defects, at NEPTUN's option, by either repairing any defective part or parts or by replacing any defective part or parts or by making available a new replacement part at no charge.

The conditions of any test concerning any Neptun LED products which are claimed to have not performed to the warranty shall be mutually agreed upon in writing and NEPTUN shall be notified of, and may be represented at any such tests. This express limited warranty is extended by NEPTUN only to original or first end-user purchaser.

This warranty is valid only if registered by end-user, purchaser, upon receipt by NEPTUN of the WARRANTY REGISTRATION FORM with specific information about the LED light bulb and LED lighting system installation. Product Warranty only valid once invoice is paid in full according to terms.

NO IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY BEYOND THE AFOREMENTIONED WARRANTY PERIOD. The foregoing warranty is exclusive of all other statutory, written or oral warranties, and no other warranties of any kind, statutory or otherwise, are given or herein expressed. This warranty sets forth NEPTUN's responsibilities regarding the Neptun LED lighting systems and claimant's exclusive remedy.

LIMITATION OF LIABILITY. NEPTUN will not under any circumstances whether as a result of breach of contract, breach of warranty, tort, strict liability or otherwise be liable for consequential, incidental, special or exemplary damages including but not limited to, loss of profits or revenues, loss of use of Neptun LED products or any other goods or associated equipment or damage to any associated equipment, cost of capital, cost of substitute products, facilities of services, down time cost, or claims of claimant's customers.

NEPTUN's liability or any claim of any kind for any loss or damages arising out of, resulting from or concerning any aspect t of this agreement of from the product or services furnished hereunder shall not exceed the price of the specific LED product which gives rise to the claim.

This warranty gives the claimant specific legal rights. The claimant may also have other rights which vary from state to state.

NOTE: For more information please call Customer Service at 1-888-735-8330 or email: orders@neptunlight.com

Revision Date: February, 2015

LED Lighting Limited Warranty

NEPTUN Light, Inc ("NEPTUN"), 13950 Business Center Dr., Lake Forest, IL 60045 warrants that it's LED (Light Emitting Diodes) Fixtures utilizing COB (Chip on Board) technology with Glass Lens design will be free from defect in material and workmanship from the date of installation for 10 years.

This warranty is conditioned upon proper storage, installation, use and maintenance. This warranty is not applicable to any Neptun LED COB lighting products which are not installed and operated in accordance with the current edition of the National Electrical Code (NEC), the Standards for Safety of Underwrites' Laboratories, INC. (UL), the Standards of the American National Standards Institute (ANSI), and with NEPTUN's instruction and guidelines for the LED COB lighting systems. This warranty is not applicable to any Neptun LED COB lighting products subjected to abnormal stresses and operating conditions

NEPTUN shall correct any defects, at NEPTUN's option, by either repairing any defective part or parts or by replacing any defective part or parts or by making available a new replacement part at no charge.

The conditions of any tests concerning any NEPTUN LED COB products which are claimed to have not performed to this warranty shall be mutually agreed upon in writing and NEPTUN shall be notified of, and may be represented at any such tests. This express limited warranty is extended by NEPTUN only to be the original or first end-user purchaser.

This warranty is valid only if registered by end-user, purchaser, upon receipt by NEPTUN of the WARRANTY REGISTRATION FORM with specific information about the LED COB lighting system installation. Product Warranty only valid once invoice is paid in full according to terms.

NO IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY BEYOND THE AFOREMENTIONED WARRANTY PERIOD. The foregoing warranty is exclusive of all other statutory, written or oral warranties, and no other warranties of any kind, statutory or otherwise, are given or herein expressed. This warranty sets forth NEPTUN's responsibilities regarding the Neptun LED COB lighting system and claimant's exclusive remedy.

LIMITATION OF LIABILITY. NEPTUN will not under any circumstances whether as a result of breach of contract, breach of warranty, tort, strict liability or otherwise be liable for consequential, incidental, special or exemplary damages including but not limited to, loss of profits or revenues, loss of use of NEPTUN LED COB products or any other goods or associated equipment or damage to any associated equipment, cost of capital, cost of substitute products, facilities of services, down time cost, or claims or claimant's customers.

NEPTUN's liability on any claim of any kind for any loss or damages arising out of, resulting from or concerning any aspect of this agreement of from the product or services furnished hereunder shall not exceed the price of the specific LED COB product which gives rise to the claim.

This warranty gives the claimant specific legal rights. The claimant may also have other rights which vary from state to state.

NOTE: For more information please call Customer Service at 1-888-735-8330 or email: orders@neptunlight.com

Revision Date: February, 2015

NEPTUN LIGHT®

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Neptun Light is a leader in the manufacture of energy efficient retrofit products and light fixtures in the fields of LED, Induction, and Solar technology. We boast a highly diversified product portfolio of indoor and outdoor products. Additionally, our products span a wide range of commercial, industrial, government, and utility infrastructure applications. Neptun Light achieves its level of success through timely development of new technology that caters to a constantly evolving marketplace. Among Neptun Light's core values are continuous innovation, high quality products, a focus on energy conservation, and an uncompromised commitment to customer service.

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