

PRODUCT DATA SHEETS

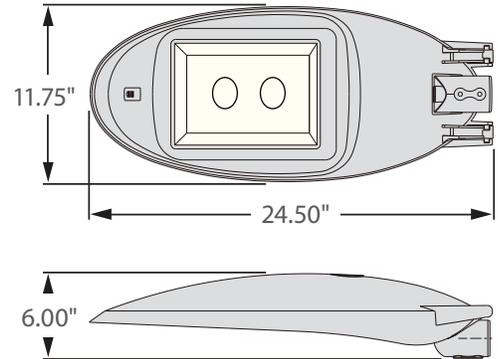
LED Street & Tunnel
Lighting



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's LED street light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-882 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 Street Light fixtures up to 175W.

APPLICATION

- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with concealed cooling fins.
- Corrosion resistant electrocoat finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Tool-Less entry housing for easy maintenance and installation.
- 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-882040-L2-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-882 = Street Light	040-L2 = 40 W 050-L2 = 50 W 060-L2 = 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 Motion Sensor ** Contact factory for dimming options	835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard	LD = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node * * Contact factory for product Information	GRY = Grey BRZ = Bronze * Custom Colors Available



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-882040-L2-UNV	Street Light Fixture	40	42	4,000	120-277	0.34 - 0.15	<20%	>0.90	18 lbs
LED-882050-L2-UNV	Street Light Fixture	50	52	5,000	120-277	0.43 - 0.18	<20%	>0.90	18 lbs
LED-882060-L2-UNV	Street Light Fixture	60	62	6,000	120-277	0.52 - 0.22	<20%	>0.90	18 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 1.00 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

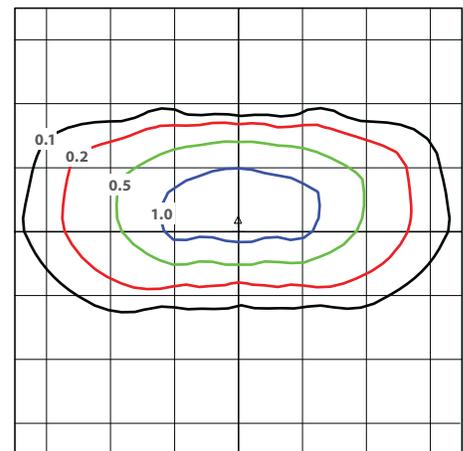
MOUNTING OPTIONS

Adjustable Slip Fitter



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

PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
Scale: 1 Hash = 25 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 6139.63
Mounting Height = 25.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 1.43 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-882060-L2-UNV-850

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

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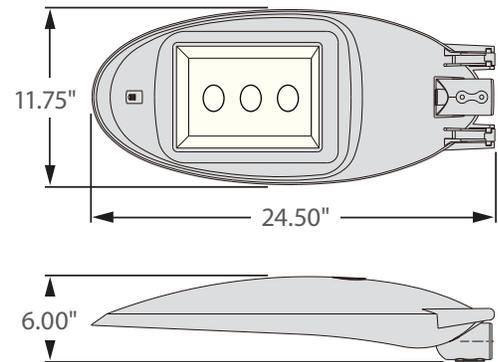
Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's LED street light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-882 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 Street Light fixtures up to 250W.

APPLICATION

- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with concealed cooling fins.
- Corrosion resistant electrocoat finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Tool-Less entry housing for easy maintenance and installation.
- 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-882070-L3-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-882 = Street Light	070-L3 = 70 W 080-L3 = 80 W 090-L3 = 90 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 = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey BRZ = Bronze * Custom Colors Available



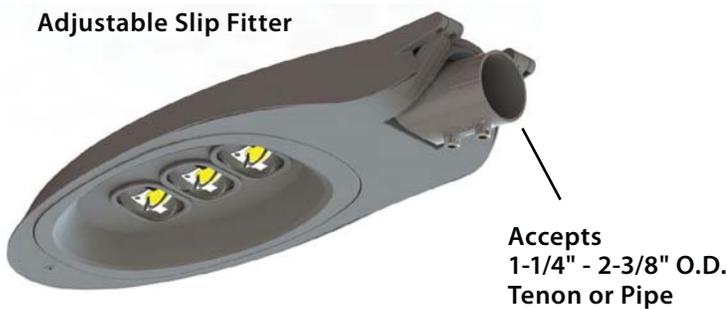
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-882070-L3-UNV	Street Light Fixture	70	72	7,000	120-277	0.61 - 0.26	<20%	>0.90	18 lbs
LED-882080-L3-UNV	Street Light Fixture	80	82	8,000	120-277	0.69 - 0.30	<20%	>0.90	18 lbs
LED-882090-L3-UNV	Street Light Fixture	90	92	9,000	120-277	0.78 - 0.34	<20%	>0.90	18 lbs

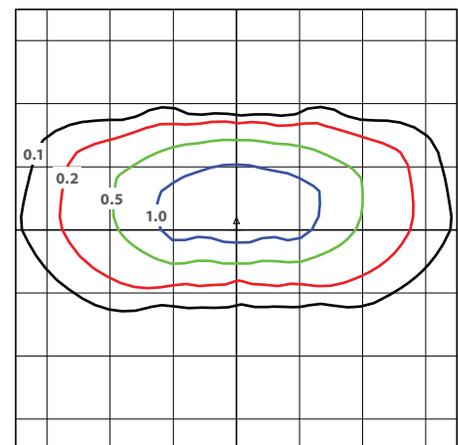
SPECIFICATIONS

- 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 1.00 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS



PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
 Scale: 1 Hash = 30 Ft.
 Light Loss Factor = 1.00
 Total Lamp Lumens = 9266
 Mounting Height = 30.00 Ft., Tilt = 5 Degrees
 Maximum Calculated Value = 1.50 Fc
 Arrangement: Single

NEPTUN LIGHT, INC.
 LED-882090-L3-UNV-850

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

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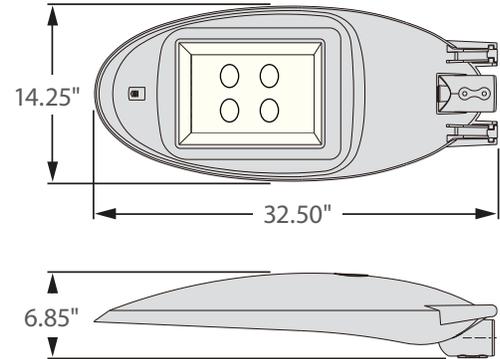
Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's LED street light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-882 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 Street Light fixtures up to 250W.

APPLICATION

- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with concealed cooling fins.
- Corrosion resistant electrocoat finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Tool-Less entry housing for easy maintenance and installation.
- 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-882100-L4-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-882 = Street Light	100-L4 = 100 W 110-L4 = 110 W 120-L4 = 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 ** Contact factory for dimming options	835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard	LD = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey BRZ = Bronze * Custom Colors Available



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-882100-L4-UNV	Street Light Fixture	100	102	10,000	120-277	0.52 - 0.22	<20%	>0.90	25 lbs
LED-882110-L4-UNV	Street Light Fixture	110	112	11,000	120-277	0.61 - 0.26	<20%	>0.90	25 lbs
LED-882120-L4-UNV	Street Light Fixture	120	122	12,000	120-277	0.69 - 0.30	<20%	>0.90	25 lbs

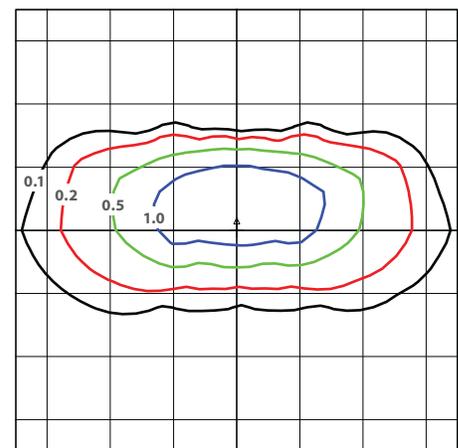
SPECIFICATIONS

- 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 > 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 1.54 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS



PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
 Scale: 1 Hash = 35 Ft.
 Light Loss Factor = 1.00
 Total Lamp Lumens = 12394.08
 Mounting Height = 35.00 Ft., Tilt = 5 Degrees
 Maximum Calculated Value = 1.56 Fc
 Arrangement: Single

NEPTUN LIGHT, INC.
 LED-882120-L4-UNV-850

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

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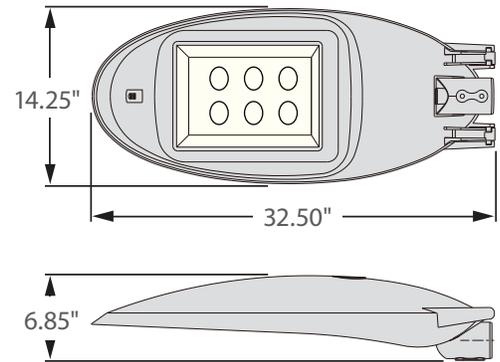
Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's LED street light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-882 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 Street Light fixtures up to 400W.

APPLICATION

- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with concealed cooling fins.
- Corrosion resistant electrocoat finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Tool-Less entry housing for easy maintenance and installation.
- 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-882120-L6-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-882 = Street Light	130-L6 = 130 W 140-L6 = 140 W 150-L6 = 150 W 160-L6 = 160 W 170-L6 = 170 W 180-L6 = 180 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 = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey BRZ = Bronze * Custom Colors Available



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-882130-L6-UNV	Street Light Fixture	130	132	13,000	120-277	1.13 - 0.49	<20%	>0.90	25 lbs
LED-882140-L6-UNV	Street Light Fixture	140	142	14,000	120-277	1.22 - 0.53	<20%	>0.90	25 lbs
LED-882150-L6-UNV	Street Light Fixture	150	152	15,000	120-277	1.31 - 0.56	<20%	>0.90	25 lbs
LED-882160-L6-UNV	Street Light Fixture	160	162	16,000	120-277	1.39 - 0.60	<20%	>0.90	25 lbs
LED-882170-L6-UNV	Street Light Fixture	170	172	17,000	120-277	1.48 - 0.64	<20%	>0.90	25 lbs
LED-882180-L6-UNV	Street Light Fixture	180	182	18,000	120-277	1.57 - 0.68	<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 1.54 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

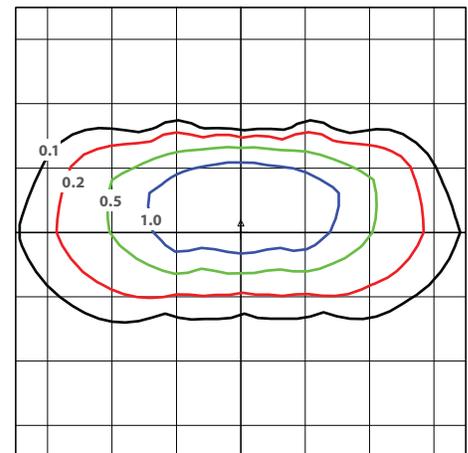
MOUNTING OPTIONS

Adjustable Slip Fitter



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

PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
Scale: 1 Hash = 40 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 18351.2
Mounting Height = 40.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 1.76 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-882180-L6-UNV-850

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

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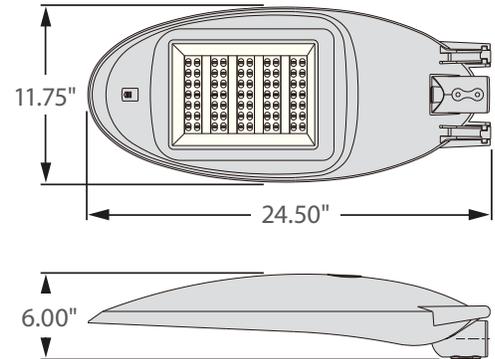
Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's LED street light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-883 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 Street Light fixtures up to 400W.

APPLICATION

- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with concealed cooling fins.
- Corrosion resistant electrocoat finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Optional NEMA Twistlock Photocell for increased energy savings.
- Continuous silicone gasket surrounds lens for IP66 weather tight seal.
- Tool-Less entry housing for easy maintenance and installation.
- 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).
- High Output Cree LED's
- 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-883030-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-883 = Street Light	030 = 30 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 Motion Sensor ** Contact factory for dimming options	835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard	LD = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey BRZ = Bronze * Custom Colors Available



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-883030-UNV	Street Light Fixture	30	32	3,000	120-277	0.26 - 0.11	<20%	>0.90	18 lbs
LED-883040-UNV	Street Light Fixture	40	42	4,000	120-277	0.34 - 0.15	<20%	>0.90	18 lbs
LED-883060-UNV	Street Light Fixture	60	62	6,000	120-277	0.52 - 0.22	<20%	>0.90	18 lbs
LED-883080-UNV	Street Light Fixture	80	82	8,000	120-277	0.69 - 0.30	<20%	>0.90	18 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 1.00 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP66
- Warranty 5 Year

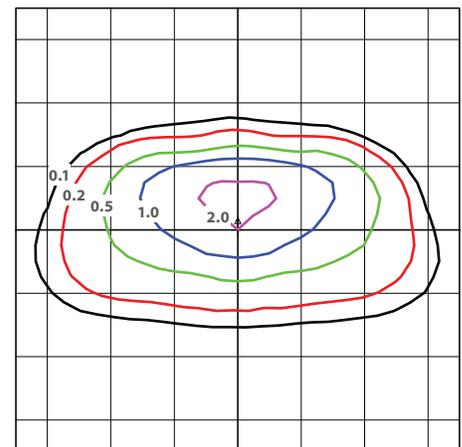
MOUNTING OPTIONS

Adjustable Slip Fitter



Accepts 1-1/4" - 2-3/4" O.D.
Tenon or Pipe

PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
Scale: 1 Hash = 25 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 8001.45
Mounting Height = 30.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 2.20 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-883080-UNV-850

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

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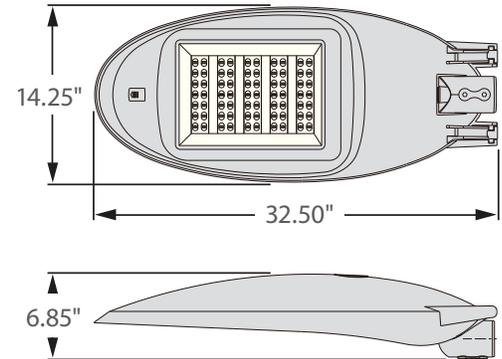
Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's LED street light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-884 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 Street Light fixtures up to 400W.

APPLICATION

- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with concealed cooling fins.
- Corrosion resistant electrocoat finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Optional NEMA Twistlock Photocell for increased energy savings.
- Continuous silicone gasket surrounds lens for IP66 weather tight seal.
- Tool-Less entry housing for easy maintenance and installation.
- 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).
- High Output Cree LED's
- 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-884120-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-884 = Street Light	100 = 100 W 120 = 120 W 150 = 150 W 180 = 180 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24 VDC * * Available up to 150W	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 = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey BRZ = Bronze * Custom Colors Available



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-884100-UNV	LED Street Light Fixture	100	102	10,000	120-277	0.87 - 0.37	<20%	>0.90	32 lbs
LED-884120-UNV	LED Street Light Fixture	120	122	12,000	120-277	1.05 - 0.45	<20%	>0.90	32 lbs
LED-884150-UNV	LED Street Light Fixture	150	152	15,000	120-277	1.31 - 0.56	<20%	>0.90	32 lbs
LED-884180-UNV	LED Street Light Fixture	180	182	18,000	120-277	1.57 - 0.70	<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 > 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 1.54 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP66
- Warranty 5 Year

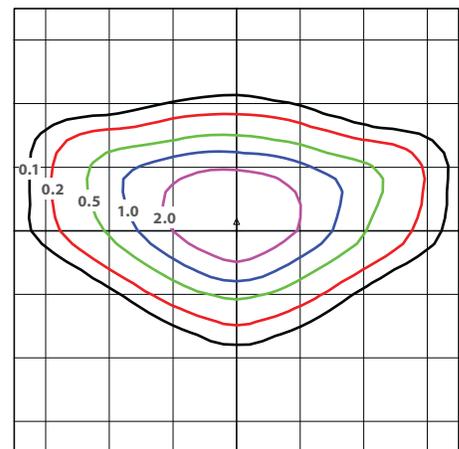
MOUNTING OPTIONS

Adjustable Slip Fitter



Accepts 1-1/4" - 2-3/4" O.D.
Tenon or Pipe

PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
Scale: 1 Hash = 30 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 18002.32
Mounting Height = 30.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 5.08 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-884180-UNV-850

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

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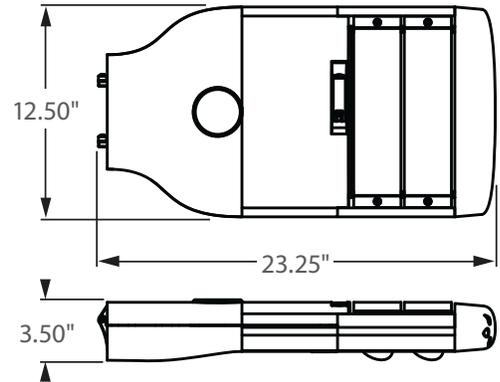
Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Modular LED Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-89 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 175W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with excellent thermal management.
- Corrosion resistant polyester powder finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Tool-Less entry housing for easy maintenance and installation.
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Modular High Output design with Cree LED Chips.
- 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-89080-M2-UNV-0-10VDIM-850-LD-T2-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-89 = Modular Street Light	080-M2 = 80 W 090-M2 = 90 W 100-M2 = 100 W 110-M2 = 110 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 = NEMA Photocell MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product information	T2 = Type 2 Distribution T2N = Type 2 Narrow Distribution	GRY = Grey BRZ = Bronze * Custom Colors Available



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-89080-M2-UNV	LED Street Light	80	82	8,000	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-89090-M2-UNV	LED Street Light	90	92	9,000	120-277	0.78 - 0.34	<20%	>0.90	25 lbs
LED-89100-M2-UNV	LED Street Light	100	102	10,000	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-89110-M2-UNV	LED Street Light	110	112	11,000	120-277	0.96 - 0.41	<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 0.58 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

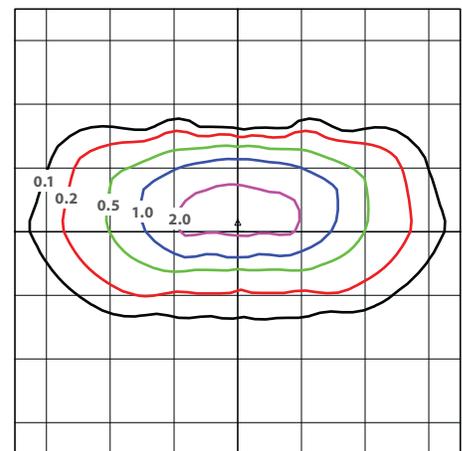
Accepts 1-1/4" - 2-3/4" O.D.
Tenon or Pipe



(2) Mounting Clamps
(4) Stainless Steel Fastening Bolts

Tool-Less Entry
Latch

PHOTOMETRICS (See Complete IES File)



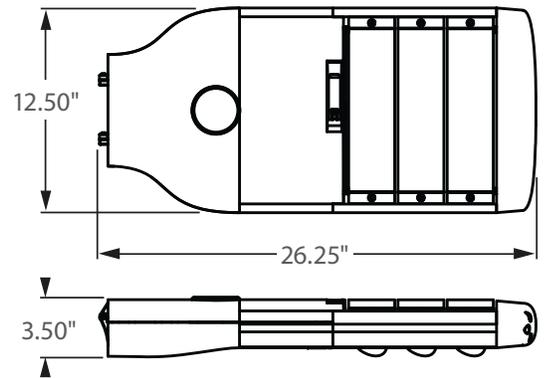
Horizontal Footcandles
Scale: 1 Hash = 30 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 11303.32
Mounting Height = 25.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 2.65 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-89110-M2-UNV-850-T2

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

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Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Modular LED Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-89 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 250W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with excellent thermal management.
- Corrosion resistant polyester powder finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Tool-Less entry housing for easy maintenance and installation.
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Modular High Output design with Cree LED Chips.
- 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-89120-M3-UNV-0-10VDIM-850-LD-T2-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-89 = Modular Street Light	120-M3 = 120 W 130-M3 = 130 W 140-M3 = 140 W 150-M3 = 150 W 165-M3 = 165 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 = NEMA Photocell MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product information	T2 = Type 2 Distribution T2N = Type 2 Narrow Distribution	GRY = Grey BRZ = Bronze * Custom Colors Available



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-89120-M3-UNV	LED Roadway Fixture	120	122	12,000	120-277	1.05 - 0.45	<20%	>0.90	30 lbs
LED-89130-M3-UNV	LED Roadway Fixture	130	132	13,000	120-277	1.13 - 0.49	<20%	>0.90	30 lbs
LED-89140-M3-UNV	LED Roadway Fixture	140	142	14,000	120-277	1.22 - 0.53	<20%	>0.90	30 lbs
LED-89150-M3-UNV	LED Roadway Fixture	150	152	15,000	120-277	1.31 - 0.56	<20%	>0.90	30 lbs
LED-89165-M3-UNV	LED Roadway Fixture	165	167	16,500	120-277	1.44 - 0.62	<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
- EPA Rating 0.63 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

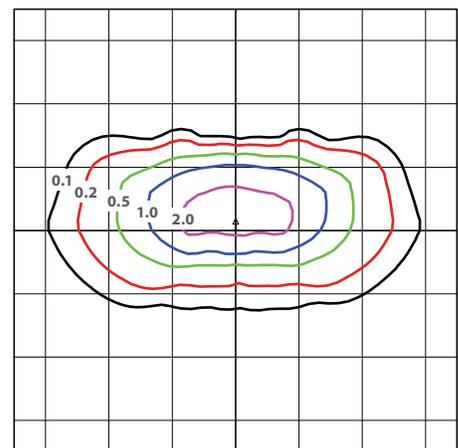
Accepts 1-1/4" - 2-3/4" O.D.
Tenon or Pipe



(2) Mounting Clamps
(4) Stainless Steel Fastening Bolts

Tool-Less Entry
Latch

PHOTOMETRICS (See Complete IES File)



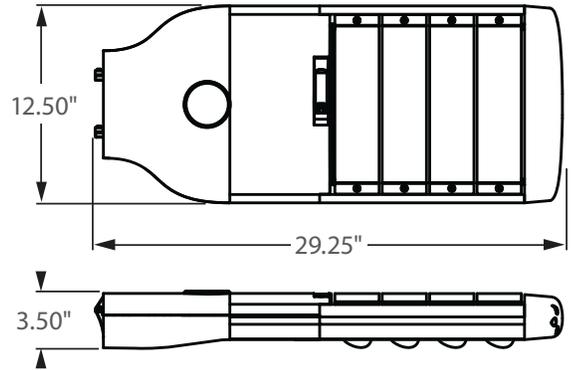
Horizontal Footcandles
Scale: 1 Hash = 40 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 16767.8
Mounting Height = 30.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 2.73 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-89165-M3-UNV-850-T2

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

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Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's Modular LED Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-89 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with excellent thermal management.
- Corrosion resistant polyester powder finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Tool-Less entry housing for easy maintenance and installation.
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Modular High Output design with Cree LED Chips.
- 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-89170-M4-UNV-0-10VDIM-850-LD-T2-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-89 = Modular Street Light	170-M4 = 170 W 180-M4 = 180 W 190-M4 = 190 W 200-M4 = 200 W 210-M4 = 210 W 220-M4 = 220 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 = NEMA Photocell MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product information	T2 = Type 2 Distribution T2N = Type 2 Narrow Distribution	GRY = Grey BRZ = Bronze * Custom Colors Available



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-89170-M4-UNV	LED Roadway Fixture	170	172	17,000	120-277	1.48 - 0.64	<20%	>0.90	35 lbs
LED-89180-M4-UNV	LED Roadway Fixture	180	182	18,000	120-277	1.57 - 0.68	<20%	>0.90	35 lbs
LED-89190-M4-UNV	LED Roadway Fixture	190	192	19,000	120-277	1.66 - 0.72	<20%	>0.90	35 lbs
LED-89200-M4-UNV	LED Roadway Fixture	200	202	20,000	120-277	1.74 - 0.75	<20%	>0.90	35 lbs
LED-89210-M4-UNV	LED Roadway Fixture	210	212	21,000	120-277	1.83 - 0.79	<20%	>0.90	35 lbs
LED-89220-M4-UNV	LED Roadway Fixture	220	222	22,000	120-277	1.92 - 0.83	<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 0.70 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

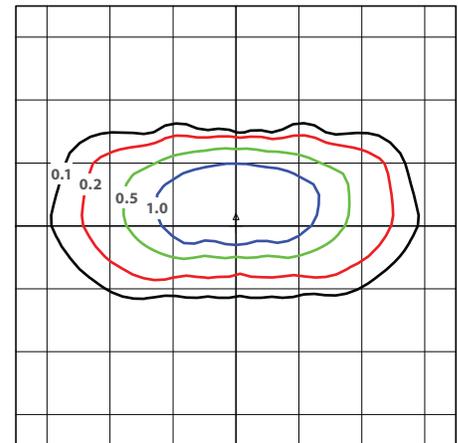
Accepts 1-1/4" - 2-3/4" O.D.
Tenon or Pipe



(2) Mounting Clamps
(4) Stainless Steel Fastening Bolts

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

PHOTOMETRICS (See Complete IES File)

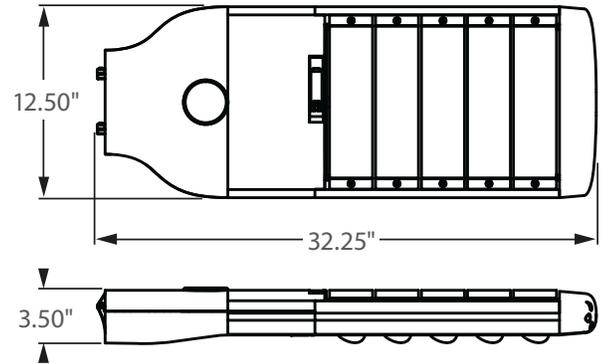


Horizontal Footcandles
Scale: 1 Hash = 50 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 22306.26
Mounting Height = 40.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 2.03 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-89220-M4-UNV-850-T2

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Spec. Rev. 4-2015



** AVAILABLE **

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Modular LED Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-89 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with excellent thermal management.
- Corrosion resistant polyester powder finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Tool-Less entry housing for easy maintenance and installation.
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Modular High Output design with Cree LED Chips.
- 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-89230-M5-UNV-0-10VDIM-850-LD-T2-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-89 = Modular Street Light	230-M5 = 230 W 240-M5 = 240 W 250-M5 = 250 W 260-M5 = 260 W 275-M5 = 275 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 = NEMA Photocell MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product information	T2 = Type 2 Distribution T2N = Type 2 Narrow Distribution	GRY = Grey BRZ = Bronze * Custom Colors Available



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-89230-M5-UNV	LED Roadway Fixture	230	232	23,000	120-277	2.01 - 0.87	<20%	>0.90	40 lbs
LED-89240-M5-UNV	LED Roadway Fixture	240	242	24,000	120-277	2.10 - 0.90	<20%	>0.90	40 lbs
LED-89250-M5-UNV	LED Roadway Fixture	250	252	25,000	120-277	2.18 - 0.94	<20%	>0.90	40 lbs
LED-89260-M5-UNV	LED Roadway Fixture	260	262	26,000	120-277	2.27 - 0.98	<20%	>0.90	40 lbs
LED-89275-M5-UNV	LED Roadway Fixture	275	277	27,500	120-277	2.40 - 1.04	<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 0.77 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

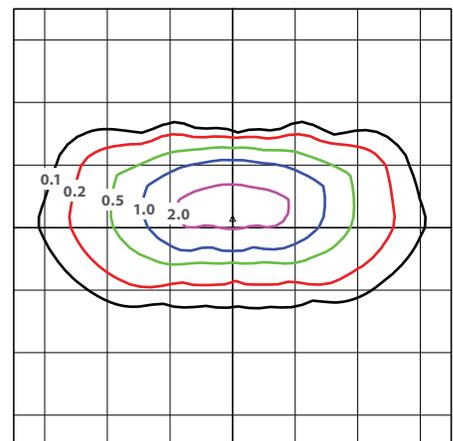
MOUNTING OPTIONS

Accepts 1-1/4" - 2-3/4" O.D.
Tenon or Pipe



(2) Mounting Clamps
(4) Stainless Steel Fastening Bolts

PHOTOMETRICS (See Complete IES File)



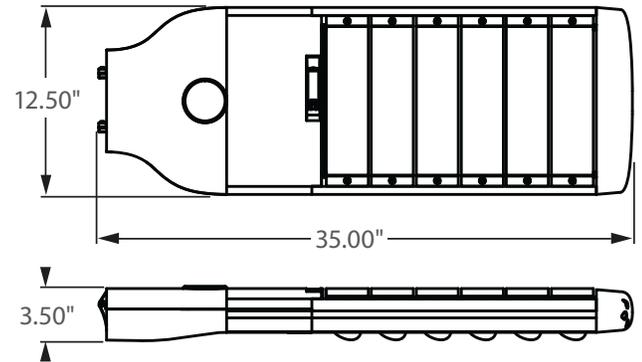
Horizontal Footcandles
Scale: 1 Hash = 50 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 27745.48
Mounting Height = 40.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 2.52 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-89275-M5-UNV-850-T2

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

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Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's Modular LED Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-89 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 750W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with excellent thermal management.
- Corrosion resistant polyester powder finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Tool-Less entry housing for easy maintenance and installation.
- Continuous silicone gasket surrounds lens for IP68 weather tight seal.
- Optional NEMA Twistlock Photocell for increased energy savings.
- Modular High Output design with Cree LED Chips.
- 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-89280-M6-UNV-0-10VDIM-850-LD-T2-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-89 = Modular Street Light	280-M6 = 280 W 290-M6 = 290 W 300-M6 = 300 W 310-M6 = 310 W 320-M6 = 320 W 330-M6 = 330 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 = NEMA Photocell MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product information	T2 = Type 2 Distribution T2N = Type 2 Narrow Distribution	GRY = Grey BRZ = Bronze * Custom Colors Available



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-89280-M6-UNV	LED Roadway Fixture	280	282	28,000	120-277	2.44 - 1.06	<20%	>0.90	45 lbs
LED-89290-M6-UNV	LED Roadway Fixture	290	292	29,000	120-277	2.53 - 1.09	<20%	>0.90	45 lbs
LED-89300-M5-UNV	LED Roadway Fixture	300	302	30,000	120-277	2.62 - 1.13	<20%	>0.90	45 lbs
LED-89310-M5-UNV	LED Roadway Fixture	310	312	31,000	120-277	2.71 - 1.17	<20%	>0.90	45 lbs
LED-89320-M5-UNV	LED Roadway Fixture	320	322	32,000	120-277	2.79 - 1.21	<20%	>0.90	45 lbs
LED-89330-M6-UNV	LED Roadway Fixture	330	332	33,000	120-277	2.88 - 1.25	<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 0.84 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

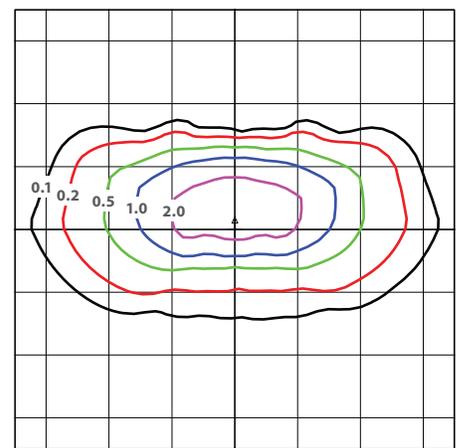
Accepts 1-1/4" - 2-3/4" O.D.
Tenon or Pipe



(2) Mounting Clamps
(4) Stainless Steel Fastening Bolts

Tool-Less Entry
Latch

PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
Scale: 1 Hash = 50 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 33156.18
Mounting Height = 40.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 3.01 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-89330-M6-UNV-850-T2

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

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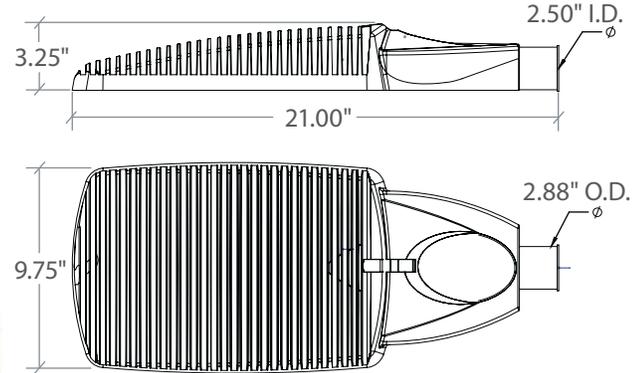


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**** AVAILABLE ****

Bi-Level 100%	Dimming 50%
0 - 10V	
FULL DIMMING	



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Kometa™ Mini LED Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The Kometa fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered Type II & III Asymmetrical optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 175W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling fins.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Toolless entry gear box for easy maintenance and installation.
- Continuous silicone gasket surrounds lens for IP66 weather tight seal.
- Optional NEMA Twist lock Photocell for increased energy savings.
- High Output 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-451040-UNV-0-10VDIM-850-LD-T2A-GRY
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-451 = Street Light	040 = 40 W 050 = 50 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 Motion Sensor * Contact factory for dimming options	835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard	LD = NEMA Photocell MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product information	T2A = Type 2 Asymmetrical T3A = Type 3 Asymmetrical	GRY = Grey * Custom Colors Available



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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-451040-UNV	LED Street Light Fixture	40	42	3,800	120-277	0.34 - 0.15	<20%	>0.90	18 lbs
LED-451050-UNV	LED Street Light Fixture	50	52	4,500	120-277	0.43 - 0.18	<20%	>0.90	18 lbs
LED-451060-UNV	LED Street Light Fixture	60	62	5,300	120-277	0.52 - 0.22	<20%	>0.90	18 lbs
LED-451080-UNV	LED Street Light Fixture	80	82	6,100	120-277	0.69 - 0.30	<20%	>0.90	18 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
- ETL Listed / UL Standard 1598 Yes
- EPA Rating 0.47 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP66
- Warranty 5 Year

MOUNTING OPTIONS

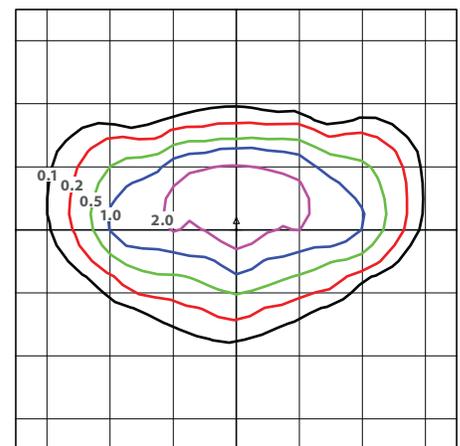


Accepts
1-1/4" - 2-3/8" O.D.
Tenon or Pipe



(2) 5-16" Stainless Steel Bolts

PHOTOMETRICS (See Complete IES File)



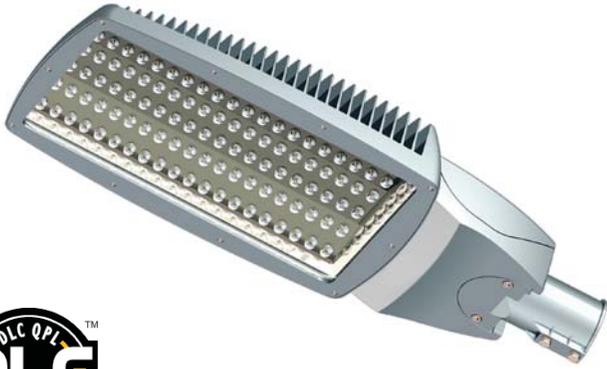
Horizontal Footcandles
Scale: 1 Hash = 20 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 6292.1
Mounting Height = 25.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 3.83 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-451080-UNV-850-T3A

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

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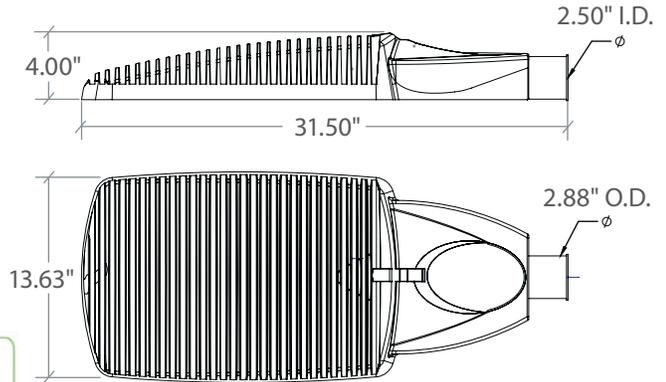


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http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php



** AVAILABLE **

Bi-Level 100%	Dimming 50%
0 - 10V FULL DIMMING	



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Kometa™ LED Roadway fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The Kometa fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The 150 PCS High output LED's and custom engineered optics provide excellent uniformity and efficiency. Used in applications replacing up to 400W HID & HPS Fixtures on Major Roadways & Highways.

APPLICATION

- Street Lighting
- Roadway Lighting
- Highway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling fins.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Tool less entry gear box for easy maintenance and installation.
- Continuous silicone gasket surrounds lens for IP66 weather tight seal.
- Optional NEMA Twist lock Photocell for increased energy savings.
- High Output 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-452100-UNV-0-10VDIM-750-LD-T2A-GRY
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Optics	Color
LED-452 = Street Light	100 = 100 W 110 = 110 W 120 = 120 W 130 = 130 W 140 = 140 W 150 = 150 W 160 = 160 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	735 = 3500°K 741 = 4100°K 750 = 5000°K * * Standard	LD = NEMA Photocell MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product information	T2A = Type 2 Asymmetrical T3A = Type 3 Asymmetrical	GRY = Grey * Custom Colors Available



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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-452100-UNV	LED Roadway Fixture	100	102	8,000	120-277	0.87 - 0.37	<20%	>0.90	32 lbs
LED-452110-UNV	LED Roadway Fixture	110	112	8,800	120-277	0.96 - 0.41	<20%	>0.90	32 lbs
LED-452120-UNV	LED Roadway Fixture	120	122	9,600	120-277	1.05 - 0.45	<20%	>0.90	32 lbs
LED-452130-UNV	LED Roadway Fixture	130	132	10,400	120-277	1.13 - 0.49	<20%	>0.90	32 lbs
LED-452140-UNV	LED Roadway Fixture	140	142	11,200	120-277	1.22 - 0.53	<20%	>0.90	32 lbs
LED-452150-UNV	LED Roadway Fixture	150	152	12,400	120-277	1.31 - 0.56	<20%	>0.90	32 lbs
LED-452160-UNV	LED Roadway Fixture	160	162	13,900	120-277	1.39 - 0.60	<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
- ETL Listed / UL Standard 1598 Yes
- EPA Rating 0.86 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

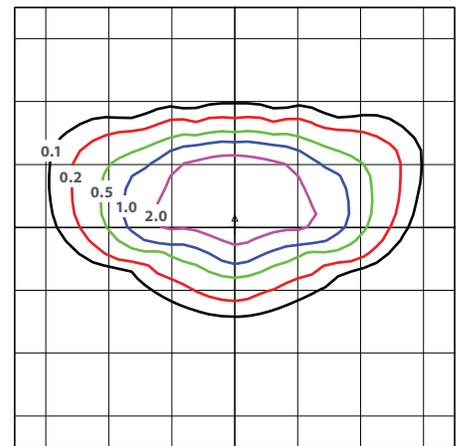


Accepts
1-1/4" - 2-3/8" O.D.
Tenon or Pipe



(2) 5-16" Stainless Steel Bolts

PHOTOMETRICS (See Complete IES File)



Horizontal Footcandles
Scale: 1 Hash = 30 Ft.
Light Loss Factor = 1.00
Total Lamp Lumens = 14281.5
Mounting Height = 30.00 Ft., Tilt = 5 Degrees
Maximum Calculated Value = 4.08 Fc
Arrangement: Single

NEPTUN LIGHT, INC.
LED-452160-UNV-850-T3A

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

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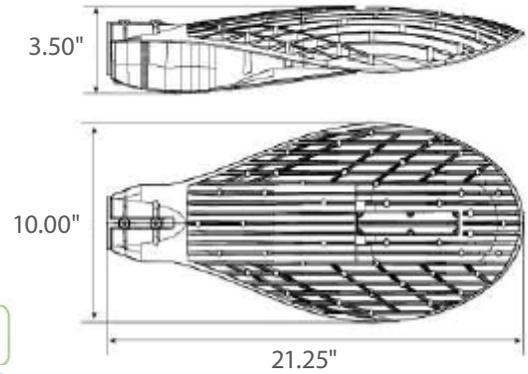
Please check latest update for complete information.
http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php



**** AVAILABLE ****

Bi-Level Dimming
 100% 50%

0 - 10V
 FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-81-L1 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered Type III Asymmetrical optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 175W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with webbed cooling design.
- 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 IP68 weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 1 COB High Output 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-81040-L1-UNV-0-10VDIM-850-LD-GRY
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-81 = Street Light	040-L1 = 40 W 050-L1 = 50 W 060-L1 = 60 W 080-L1 = 80 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24V DC	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 = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey * Custom Colors Available



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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-81040-L1-UNV	LED Street Light Fixture	40	42	4,400	120-277	0.34 - 0.15	<20%	>0.90	14 lbs
LED-81050-L1-UNV	LED Street Light Fixture	50	52	5,500	120-277	0.43 - 0.18	<20%	>0.90	14 lbs
LED-81060-L1-UNV	LED Street Light Fixture	60	62	6,600	120-277	0.52 - 0.22	<20%	>0.90	14 lbs
LED-81080-L1-UNV	LED Street Light Fixture	80	83	8,800	120-277	0.70 - 0.30	<20%	>0.90	14 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 0.51 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

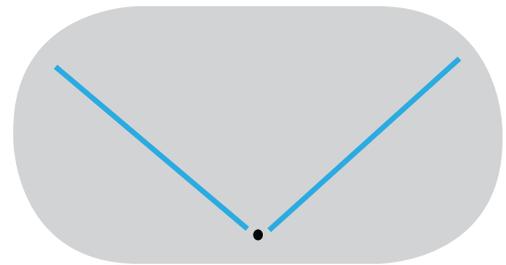
MOUNTING OPTIONS



(2) 5-16"
Stainless Steel
Hex-head Bolts

Accepts
1" - 2" O.D.
Tenon or Pipe

PHOTOMETRICS (See Complete IES File)

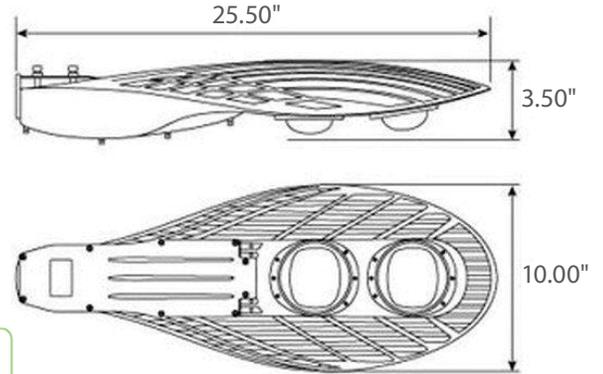


TYPE III ASYMMETRICAL

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

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Spec. Rev. 4-2015



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



**** AVAILABLE ****



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-81-L2 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered Type III Asymmetrical optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 250W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with webbed cooling design.
- 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 IP68 weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 2 COB High Output 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-81100-L2-UNV-0-10VDIM-850-LD-GRY
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-81 = Street Light	100-L2 = 100 W 120-L2 = 120 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24V DC	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 = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey * Custom Colors Available



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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-81100-L2-UNV	LED Street Light Fixture	100	102	11,000	120-277	0.87 - 0.37	<20%	>0.90	16 lbs
LED-81120-L2-UNV	LED Street Light Fixture	120	122	13,200	120-277	1.05 - 0.45	<20%	>0.90	16 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 0.61 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

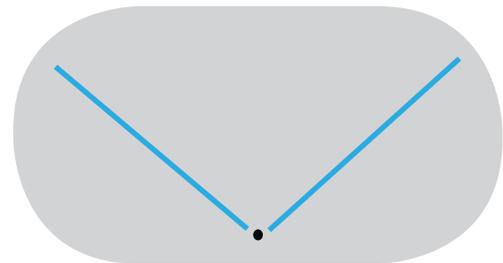
MOUNTING OPTIONS



(2) 5-16"
Stainless Steel
Hex-head Bolts

Accepts
1" - 2" O.D.
Tenon or Pipe

PHOTOMETRICS (See Complete IES File)

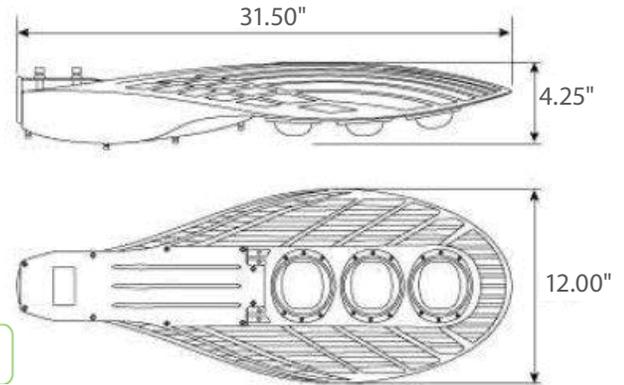


TYPE III ASYMMETRICAL

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Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level 100% Dimming 50%

0 - 10V FULL DIMMING



Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-81-L3 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered Type III Asymmetrical optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with webbed cooling design.
- 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 IP68 weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 3 COB High Output 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-81140-L3-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-81 = Street Light	140-L3 = 140 W 160-L3 = 160 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 = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey * Custom Colors Available



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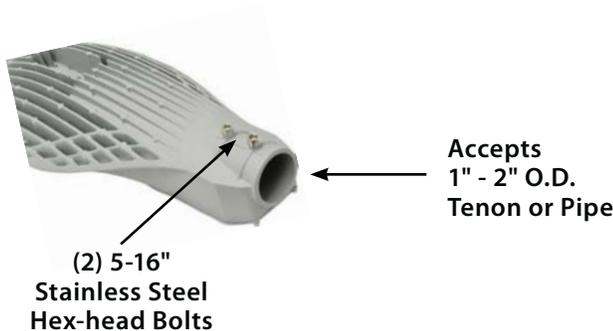
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
LED-81140-L3-UNV	LED Street Light Fixture	140	142	15,400	120-277	1.22 - 0.53	<20%	>0.90	18 lbs
LED-81160-L3-UNV	LED Street Light Fixture	160	162	17,600	120-277	1.39 - 0.60	<20%	>0.90	18 lbs

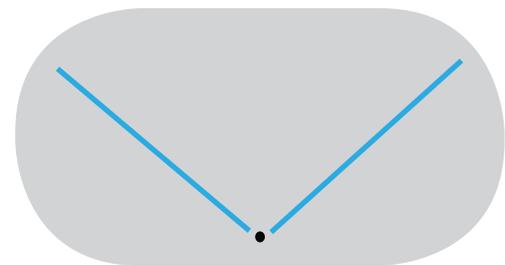
SPECIFICATIONS

- 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 0.97 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS



PHOTOMETRICS (See Complete IES File)

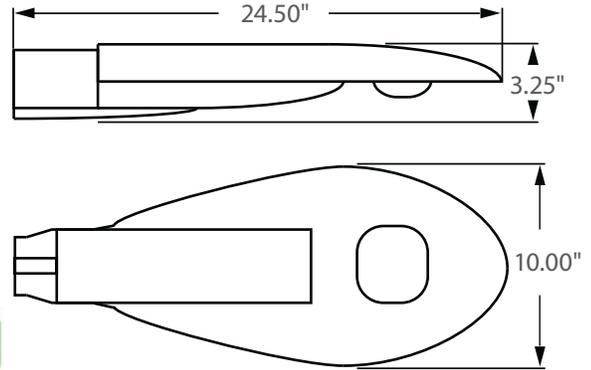


TYPE III ASYMMETRICAL

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13950 Business Center Drive
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Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING

Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-81-L1 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered Type III Asymmetrical optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 175W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling design.
- 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 IP68 weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 1 COB High Output 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-83040-L1-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-83 = Street Light	040-L1 = 40 W 050-L1 = 50 W 060-L1 = 60 W 080-L1 = 80 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24V DC	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 = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey * Custom Colors Available



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-83040-L1-UNV	LED Street Light Fixture	40	42	4,400	120-277	0.34 - 0.15	<20%	>0.90	9 lbs
LED-83050-L1-UNV	LED Street Light Fixture	50	52	5,500	120-277	0.43 - 0.18	<20%	>0.90	9 lbs
LED-83060-L1-UNV	LED Street Light Fixture	60	62	6,600	120-277	0.52 - 0.22	<20%	>0.90	9 lbs
LED-83080-L1-UNV	LED Street Light Fixture	80	82	8,800	120-277	0.70 - 0.30	<20%	>0.90	9 lbs

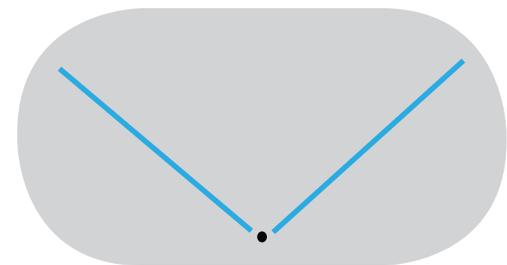
SPECIFICATIONS

- 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 0.55 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS



PHOTOMETRICS (See Complete IES File)

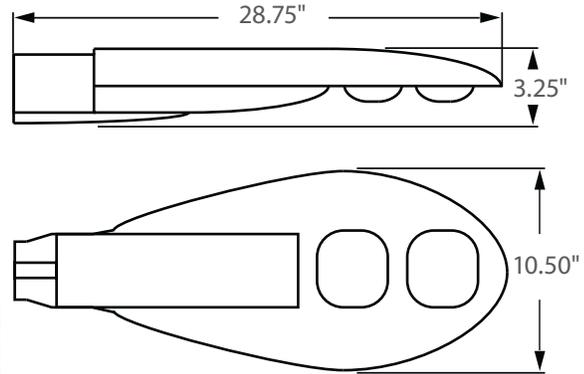


TYPE III ASYMMETRICAL

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

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Spec. Rev. 4-2015



**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING

Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-83-L2 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered Type III Asymmetrical optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 250W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling design.
- 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 IP68 weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 2 COB High Output 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-83100-L2-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-83 = Street Light	100-L2 = 100 W 120-L2 = 120 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24V DC	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 = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey * Custom Colors Available



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-83100-L2-UNV	LED Street Light Fixture	100	102	11,000	120-277	0.87 - 0.37	<20%	>0.90	12 lbs
LED-83120-L2-UNV	LED Street Light Fixture	120	122	13,200	120-277	1.05 - 0.45	<20%	>0.90	12 lbs

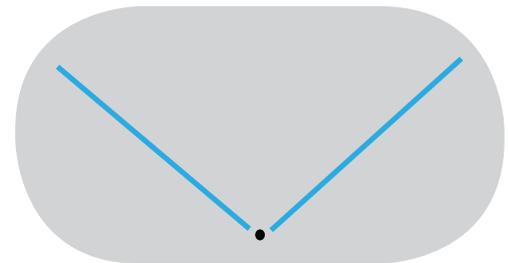
SPECIFICATIONS

- 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 Ye5
- 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 0.64 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS



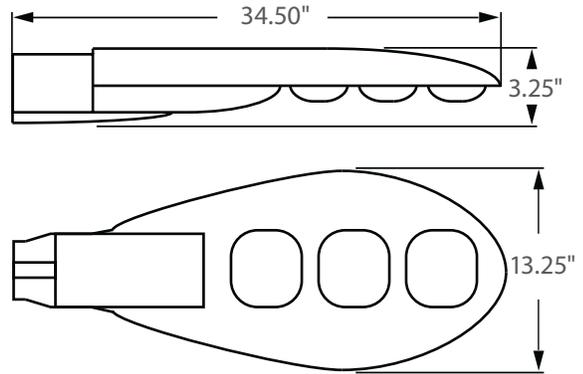
PHOTOMETRICS (See Complete IES File)



TYPE III ASYMMETRICAL

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**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING

Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Street Light fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-83-L3 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Custom engineered Type III Asymmetrical optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 400W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling design.
- 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 IP68 weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 3 COB High Output 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-83140-L3-UNV-0-10VDIM-850-LD-GRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-83 = Street Light	140-L3 = 140 W 160-L3 = 160 W 180-L3 = 180 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 = Light Sensor/Photocell NEMA Twistlock MD = Motion Sensor ON/OFF LGN = Light Genie Node ** ** Contact factory for product Information	GRY = Grey * Custom Colors Available



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-83140-L3-UNV	LED Street Light Fixture	140	142	15,400	120-277	1.22 - 0.53	<20%	>0.90	17 lbs
LED-83160-L3-UNV	LED Street Light Fixture	160	162	17,600	120-277	1.39 - 0.60	<20%	>0.90	17 lbs
LED-83180-L3-UNV	LED Street Light Fixture	180	182	19,800	120-277	1.57 - 0.68	<20%	>0.90	17 lbs

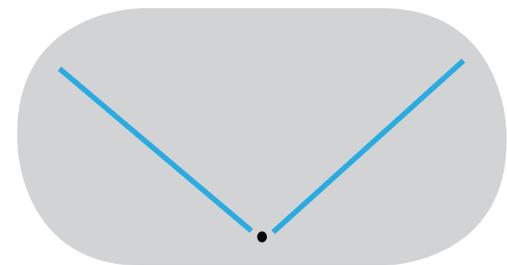
SPECIFICATIONS

- 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 0.55 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS



PHOTOMETRICS (See Complete IES File)

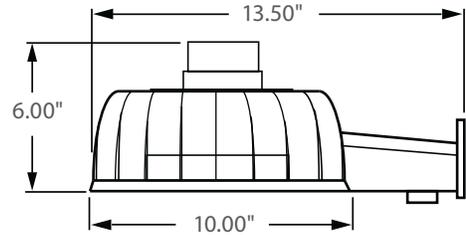


TYPE III ASYMMETRICAL

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**** AVAILABLE ****
0 - 10V
FULL DIMMING

**** Mounting Arm Included ****

Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Security /Barn Light Fixture is suitable for a variety of outdoor applications. The LED 20 series Security Light features an integrated photocell for Dusk-to-Dawn On/Off control. It can replace existing HID & HPS fixtures up to 150W.

APPLICATION

- Street Lighting
- Alley Lighting
- Work Yard Lighting
- Parking Lot Lighting
- Security Lighting
- Barn Lighting
- Area Lighting
- Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Heat and impact resistant, UV protected, non yellowing lens.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slip Fitter mount accepts 1-1/4" - 2" Round Pipe or Tenon (arm included)
- NEMA Photocell for Dusk-to-Dawn On/Off control 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.
- Bright white light (5000°K) for greater visibility and safety.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.
- **Optional:** 0-10V Dimming, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-20035-UNV-0-10VDIM-850-DL-T3-GRY
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Distribution	Color
LED-20 = Dusk-to-Dawn Light	035 = 35 W 050 = 50 W	UNV = 120-277 VAC 24VDC = 24V DC	0-10VDIM = 0-10V Dimming	830 = 3000°K 841 = 4100°K 850 = 5000°K * * Standard	DL = Drop Lens 	T3 = Type 3 T5 = Type 5	GRY = Grey * Custom Colors Available



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-20035-UNV	LED Security Fixture	35	36	3,500	120-277	0.30-0.13	<20%	>0.90	8 lbs
LED-20050-UNV	LED Security Fixture	50	51	5,000	120-277	0.43-0.18	<20%	>0.90	8 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 0.56 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

Pole Mount



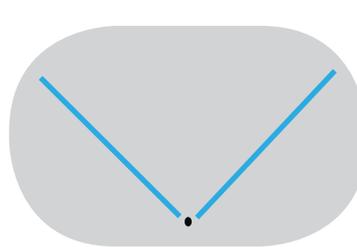
Accepts 1-1/4" - 2" Round Tenon or Pole (Arm Included)

Wall Mount

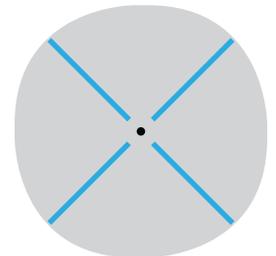


(Hardware Not included)

PHOTOMETRICS (See Complete IES File)



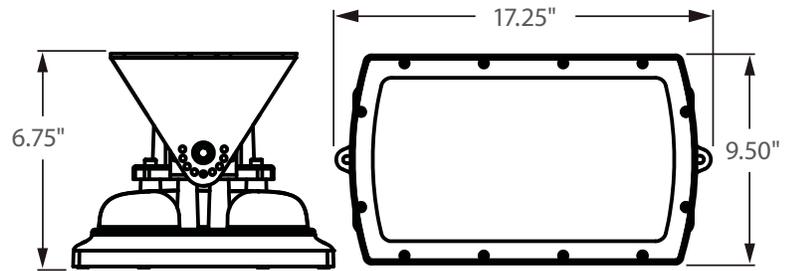
Type 3 Distribution



Type 5 Distribution

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

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** AVAILABLE **

0 - 10V	Bi-Level	Dimming
FULL DIMMING	100%	50%

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED tunnel/viaduct fixtures feature a sleek architectural design and durability to be used in new construction or retrofit applications. The LED-27 L6 series fixture features excellent optics and its rugged design allows for use in a variety of indoor and outdoor applications. It can replace existing HID & HPS fixtures up to 250 Watts.

APPLICATION

- Tunnel Lighting
- Viaduct Lighting
- Freezer Lighting
- Storage Lighting
- Security Lighting
- Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling fins.
- Heat and impact resistant tempered glass lens with anti-glare diffuser.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Adjustable angle mounting brackets included.
- 6 PCS 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.
- LED engine design with Advanced Thermal Management.
- Up to 15 year maintenance free operation.
- 10 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-27080-L6-UNV-0-10VDIM-850-LD-120V-DGRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Color
LED-27 = Tunnel/ Viaduct Fixture	080-L6 = 80 W 100-L6 = 100 W 120-L6 = 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 ** Contact Factory for dimming options	ASM = Adjustable Surface Mount * YK = Yoke Mount SFM = Surface Mount * Standard	835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard	LD-120V = Photocell-120V LD-277V = Photocell-277V MD = Motion Sensor ON/OFF	GRY = Grey * Custom Colors available



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-27080-L6-UNV	Tunnel/Viaduct Fixture	80	82	8,200	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-27100-L6-UNV	Tunnel/Viaduct Fixture	100	102	10,200	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-27120-L6-UNV	Tunnel/Viaduct 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
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

Adjustable Yoke Mount



Adjustable Surface Mount



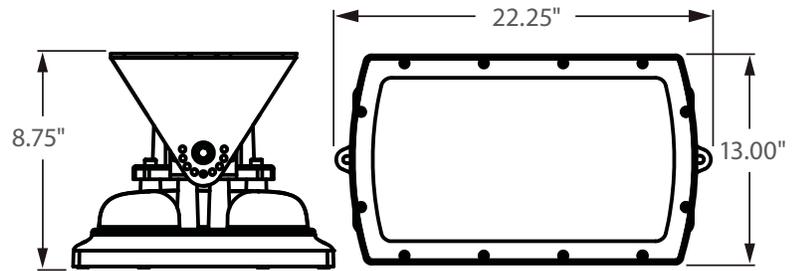
Surface Mount



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** AVAILABLE **

0 - 10V	Bi-Level	Dimming
FULL DIMMING	100%	50%

Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's LED tunnel/viaduct fixtures feature a sleek architectural design and durability to be used in new construction or retrofit applications. The LED-27 L12 series fixture features excellent optics and its rugged design allows for use in a variety of indoor and outdoor applications. It can replace existing HID & HPS fixtures up to 400 Watts.

APPLICATION

- Tunnel Lighting
- Viaduct Lighting
- Freezer Lighting
- Storage Lighting
- Security Lighting
- Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling fins.
- Heat and impact resistant tempered glass lens with anti-glare diffuser.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Adjustable angle mounting brackets included.
- 12 PCS 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.
- LED engine design with Advanced Thermal Management.
- Up to 15 year maintenance free operation.
- 10 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-27150-L12-UNV-0-10VDIM-850-LD-120V-DGRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Color
LED-27 = Tunnel/ Viaduct Fixture	150-L12 = 150 W 180-L12 = 180 W 200-L12 = 200 W 220-L12 = 220 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	ASM = Adjustable Surface Mount * YK = Yoke Mount SFM = Surface Mount * Standard	835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard	LD-120V = Photocell-120V LD-277V = Photocell-277V MD = Motion Sensor ON/OFF	GRY = Grey * Custom Colors available



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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-27150-L12-UNV	Tunnel/Viaduct Fixture	150	152	15,200	120-277	1.31 - 0.56	<20%	>0.90	32 lbs
LED-27180-L12-UNV	Tunnel/Viaduct Fixture	180	182	18,200	120-277	1.57 - 0.68	<20%	>0.90	32 lbs
LED-27200-L12-UNV	Tunnel/Viaduct Fixture	200	202	20,200	120-277	1.74 - 0.75	<20%	>0.90	32 lbs
LED-27220-L12-UNV	Tunnel/Viaduct Fixture	220	222	22,000	120-277	1.92 - 0.83	<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 > 100
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- Inrush Current Peak < 10 Amp
- FCC Compliance Part 15, Subp. C
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

Adjustable Yoke Mount



Adjustable Surface Mount



Surface Mount



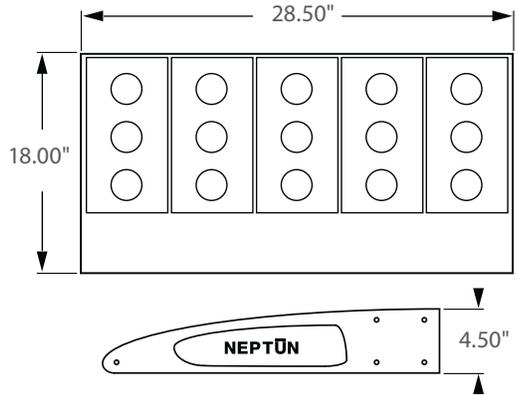
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13950 Business Center Drive
Lake Forest, IL 60045
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Please check latest update for complete information.
http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php



REPLACEMENT FOR 1000W HID

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's modular LED high-mast 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:** Bi-Level Dimming, 0-10V 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 = High-Mast Fixture	400-M5 = 400 W	UNV = 120-277 VAC 347V = 347VAC 480V = 480VAC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming* * Includes Motion Sensor	SF = Slip Fitter YK = Yoke Bracket	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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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	High-Mast 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 0.68 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING CONFIGURATION

Slip Fitter Mount (SF)

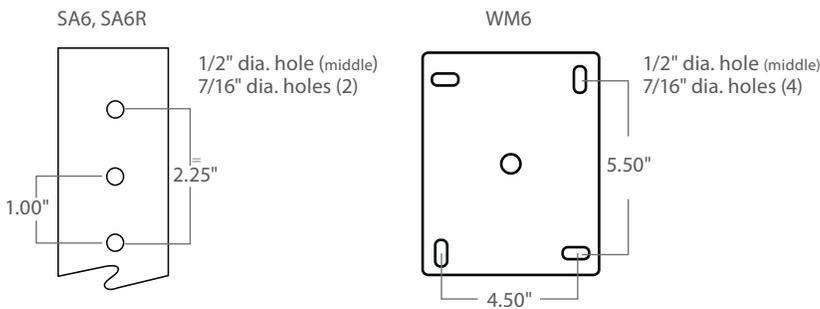


Yoke Mount (YK)

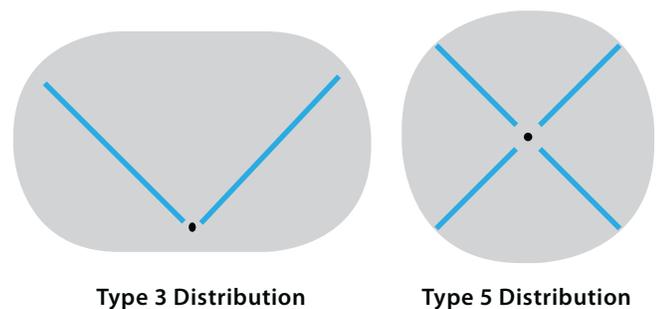


2-1/2" I.D. Accepts up to 2-3/8" Tenon or Pipe

DRILLING PATTERNS



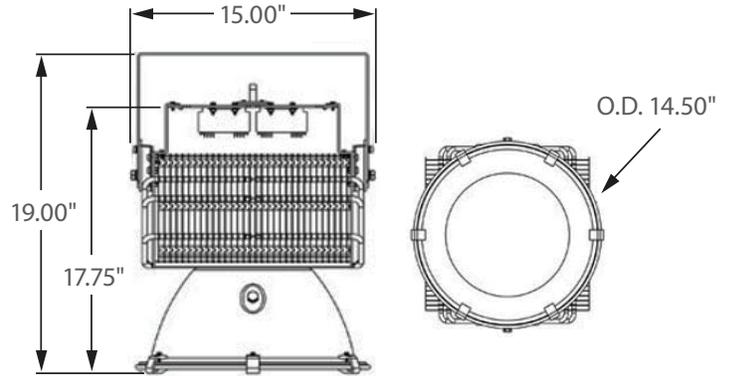
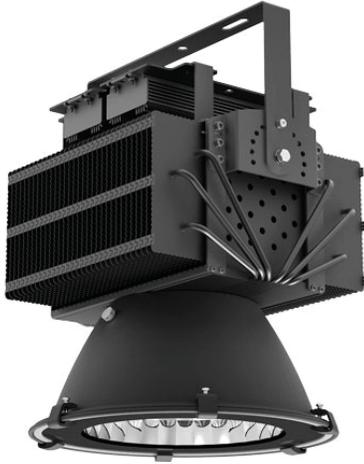
PHOTOMETRICS (See Complete IES File)



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Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's LED High-Mast fixture features classic form and durability to be used in new construction or retrofit applications. The LED-HM62 series fixture features excellent optics and its rugged design allows for use in a variety outdoor applications. It can replace existing HID & HPS fixtures up to 1500 Watts.

APPLICATION

- High-Mast Lighting
- Sports Field Lighting
- Yard Lighting
- Area & Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling fins.
- Heat and impact resistant tempered glass lens with anti-glare diffuser.
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Adjustable yoke mount or pole mount available.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- LED engine design with Advanced Thermal Management.
- 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).
- High Output LED's.
- Up to 15 year maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-HM62-500-UNV-0-10VDIM-850-B06
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories
LED-HM62 = High-Mast	500 = 500 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	0-10VDIM = 0-10V Dimming * Contact Factory for dimming options.	835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard	LD = Twist-Lock Photocell



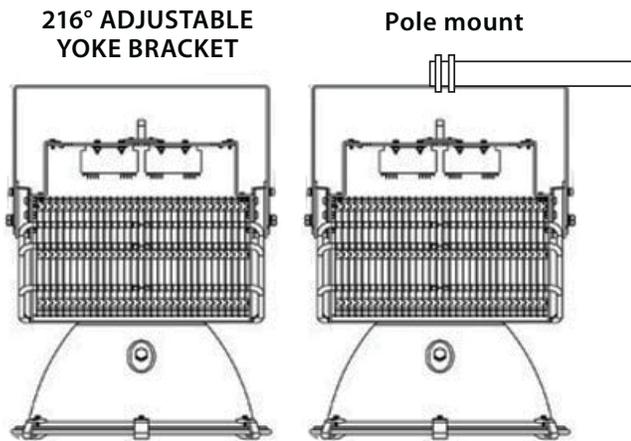
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-HM62-500-UNV	High-Mast Fixture	500	502	45,000	120-277	4.37 - 1.89	<20%	>0.90	60 lbs

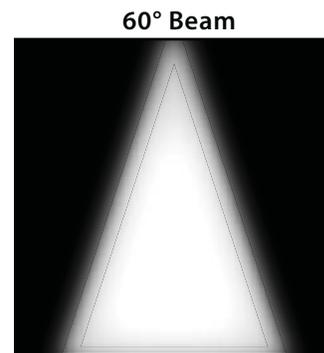
SPECIFICATIONS

- 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 2.47 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP65
- Warranty 5 Year

MOUNTING OPTIONS



PHOTOMETRICS (See Complete IES File)



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LED Lighting Limited Warranty

NEPTUN Light, Inc ("NEPTUN"), 13950 Business Center Dr, Lake Forest, IL 60045 warrants that its 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 of this agreement or 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 its 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.

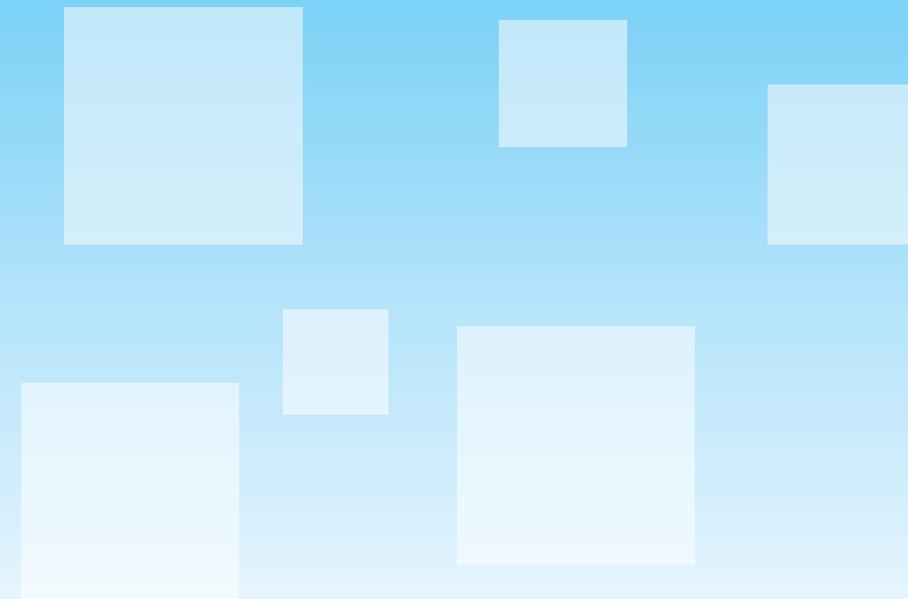
This warranty gives the claimant specific legal rights. The claimant may also have other rights which vary from state to state.

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



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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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