**Pole Mount Arm
Sold Separately**

** AVAILABLE **

**0 - 10V
FULL DIMMING**

27.00"

16.00"
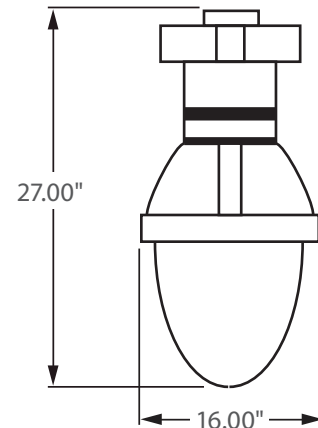
Incredible **100,000** hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features architectural style to make it an excellent choice for new construction or retrofit applications. The LED-987 series offers excellent illumination and uniformity. Drop polycarbonate lens creates evenly illuminated area with no glare. It can replace existing HID & HPS fixtures up to 250W.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

· Heavy-gauge, die-cast aluminum housing.
· High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
· Corrosion resistant electrocoat black finish. (custom colors available)
· Accepts 3/4" NPT pipe. (hardware included)
· Mounting arm available for pole mounting.
· High Output COB LED's with borocilicate glass lens optics.
· High power factor, low THD driver with 6kV/3kA surge protection. Optional 20kV/10kA surge protector available.
· Up to 20 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, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-987060-UNV-0-10VDIM-850-PMA-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-987 = Tear-Drop Area Fixture	**060** = 60 W **080** = 80 W **100** = 100 W **120** = 120 W	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC **24VDC** = 24 VDC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Motion Sensor ** Contact Factory for dimming options	**830** = 3000°K **835** = 3500°K **841** = 4100°K **850** = 5000°K **AMB** = Amber (585-595nm)	**PMA** = Pole Mount Arm **MD** = Motion Sensor ON/OFF **SP** = 20kV/10kA surge protector	**BLK** = Black * Custom Colors Available

PROUDLY MADE IN AMERICA
WITH DOMESTIC AND IMPORTED MATERIALS

RoHS COMPLIANT LEAD FREE

*light*innovations@work™

PRODUCT INFORMATION

Model No.	Description	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-987060-UNV	Tear-Drop Area Fixture	62	7,130	120-277	0.52 - 0.22	<15%	>0.95	30 lbs
LED-987080-UNV	Tear-Drop Area Fixture	82	9,430	120-277	0.69 - 0.30	<15%	>0.95	30 lbs
LED-987100-UNV	Tear-Drop Area Fixture	102	11,730	120-277	0.87 - 0.37	<15%	>0.95	30 lbs
LED-987120-UNV	Tear-Drop Area Fixture	122	14,030	120-277	1.05 - 0.45	<15%	>0.95	30 lbs

SPECIFICATIONS

- Driver .... Constant Current
- Start Method .... InstantON
- Hot Re-start .... InstantON
- 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 .... Multiple (± 300°K)
- Color Rendering Index (CRI) .... > 80
- Minimum Starting Temperature .... -40°C
- Maximum Starting Temperature .... +50°C
- Lumens per Watt .... > 110
- Shock / Vibration Resistant .... Yes
- Power Factor .... > 0.95
- Total Harmonic Distortion .... < 15%
- Inrush Current Peak .... < 10 Amp
- FCC Compliance .... Part 15, Subp. C
- EPA Rating .... 1.31 ft.^{2}
- Housing IP Rating IP65
- Driver IP Rating IP67
- Warranty .... 5 Year

MOUNTING OPTIONS

Accepts up to 3/4" NPT Pipe

Pole Mount (sold separately)

33.00"
2.0"
42.00"
Accepts 3.0" Round Pole

PHOTOMETRICS (See Complete IES File)
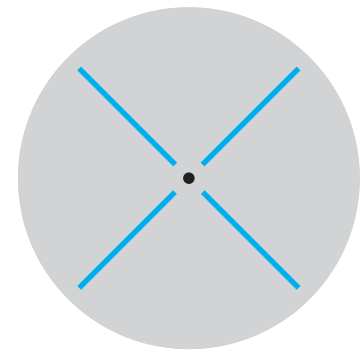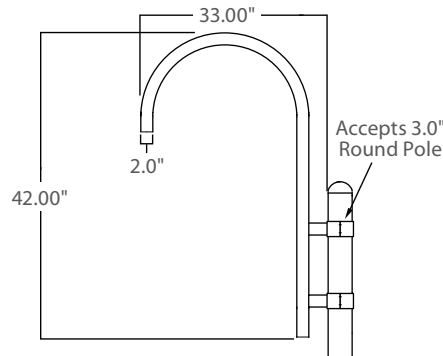
Type V Distribution

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Spec. Rev. 1-2018

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