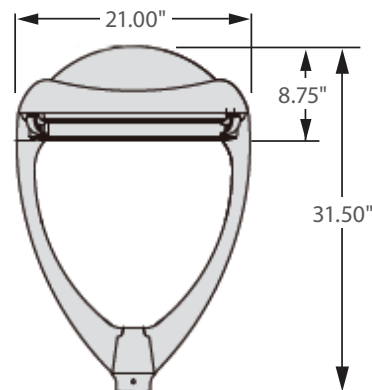




**\*\* AVAILABLE \*\***

Bi-Level Dimming  
100% 50%

0 - 10V  
FULL DIMMING



Incredible **100,000** hrs

## GENERAL DESCRIPTION

Neptun's LED Round Post-Top fixture combines a slim architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-835 series post-top fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. It can replace existing HID & HPS fixtures up to 250W.

## APPLICATION

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

## STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- 2-5/8" I.D. Slip Fitter Accepts up to 2-1/2" Pipe or Tenon.
- Corrosion resistant electrocoat grey finish. (custom colors available)
- Post-top mounting system incorporates stainless steel hardware.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- High Output COB LED's with borosilicate glass lens optics.
- High power factor, low THD driver with 6kV/3kA surge protection.  
Optional 20kV/10kA surge protector available.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** 0-10V Dimming, Bi-Level Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

## ORDERING INFORMATION

Sample Number: LED-735080-UNV-0-10VDIM-850-MD-GRY  
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
<b>LED-735</b> = Round Post-Top	<b>080</b> = 80 W <b>100</b> = 100 W <b>120</b> = 120 W <b>150</b> = 150 W	<b>UNV</b> = 120-277 VAC <b>347V</b> = 347 VAC <b>480V</b> = 480 VAC <b>24VDC</b> = 24 VDC	<b>0-10VDIM</b> = 0-10V Dimming <b>BL-DIM</b> = Bi-Level Dimming * * Includes Motion Sensor ** Contact Factory for dimming options	<b>835</b> = 3500°K <b>841</b> = 4100°K <b>850</b> = 5000°K * * Standard	<b>MD</b> = Motion Sensor ON/OFF <b>SP</b> = 20kV/10kA surge protector	<b>GRY</b> = Grey * Custom Colors Available



### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-735080-UNV	LED Round Area Fixture	80	82	9,600	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-735100-UNV	LED Round Area Fixture	100	102	12,000	120-277	0.87 - 0.37	<20%	>0.90	35 lbs
LED-735120-UNV	LED Round Area Fixture	120	122	14,400	120-277	1.05 - 0.45	<20%	>0.90	35 lbs
LED-735150-UNV	LED Round Area Fixture	150	152	18,000	120-277	1.31 - 0.56	<20%	>0.90	35 lbs

### SPECIFICATIONS

- Driver ..... Constant Current
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Power Supply ..... 350mA
- Driver UL Rating ..... Class 1
- Driver UL Outdoor Rated ..... Wet Location
- Sound Rating ..... Class A
- ANSI Surge Protection ..... IEEE C62.41 C High
- Current Crest Factor ..... 1.5 maximum
- Load Regulation: 5% output current variation across load range
- Line Regulation: 1% output voltage variation across voltage range
- Driver Off-State Draw ..... 0 Watts
- Vibration Compliance ..... 3G
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz

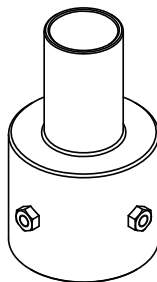
- Projected (L70) @ 25°C ..... > 100,000 hrs.
- Color Temperature ..... 5,000°K
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... +50°C
- Lumens per Watt ..... > 100
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- EPA Rating ..... 1.20 ft.<sup>2</sup>
- Driver IP Rating ..... IP67
- Optics IP Rating ..... IP68
- Warranty ..... 5 Year

### MOUNTING OPTIONS



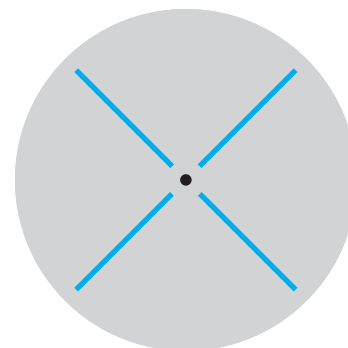
Accepts up to 2-1/2" O.D.  
Round Tenon or Pole

ARM:RPTR (contact factory)



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

### PHOTOMETRICS (See Complete IES File)



Type V Distribution