

Product Dimensions (Lamp & Stem)

Wattage	A (E26)	A (E40)	B (Diameter)
40W	4.25 in.	5.00 in.	7.00 in.
80W	4.75 in.	5.50 in.	10.00 in.
100W	4.75 in.	5.50 in.	10.00 in.
120W	4.75 in.	5.50 in.	10.00 in.
150W	5.00 in.	5.75 in.	13.00 in.
200W	5.25 in.	6.00 in.	14.50 in.
250W	5.50 in.	6.25 in.	15.00 in.

Incredible **100,000 hrs**

## GENERAL DESCRIPTION

Neptun's Induction Oval Retrofit Kits are designed for replacing existing HID systems in outdoor post top and decorative acorn lighting fixtures. The OV-26 series kit is offered in a variety of wattages and is an excellent retrofit choice for a variety of fixture styles. It can replace existing HID lighting systems up to 250W.

## APPLICATION

- Post-Top Fixtures
- Decorative Acorn Fixtures

## STRUCTURE, MATERIALS, & FEATURES

- Custom designed aluminum heat sink for superior thermal management
- Supplied with medium (E26) or mogul base (E40).
- Teflon coated wiring protected from moisture, dust, heat, & cold.
- Inductively coupled oval shaped induction bulb.
- High power factor, low THD electronic ballast.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Amalgam technology with very low mercury content.
- High quality glare-free light with high CRI (83).
- Bright white light (5000°K) for greater visibility and safety.
- Advance phosphors for high lumen output and high lumen maintenance.
- Up to 20 year maintenance free operation.
- 5 Year System Warranty

## ORDERING INFORMATION

Sample Number: OV-26080RK-UNV-850-E26  
Custom options and accessories available. Please consult factory

Type	Series	Lamp Wattage	System	Voltage	Color Temp	Base
<b>OV</b> = Oval Shape	<b>26</b> = Bulb & Ballast	<b>080</b> = 80 W <b>100</b> = 100 W <b>125</b> = 125 W <b>150</b> = 150 W <b>165</b> = 165 W	<b>RK</b> = Retrofit Kit <b>RK-M</b> = Mini Retrofit Kit ** * Bulb & Ballast ** Available in 100W	<b>UNV</b> = 120-277 VAC <b>480</b> = 347-480 VAC * * Uses Separate Step-Down Transformer	<b>830</b> = 3000°K <b>841</b> = 4100°K <b>850</b> = 5000°K * * Standard	<b>E26</b> = Medium Base <b>E40</b> = Mogal Base



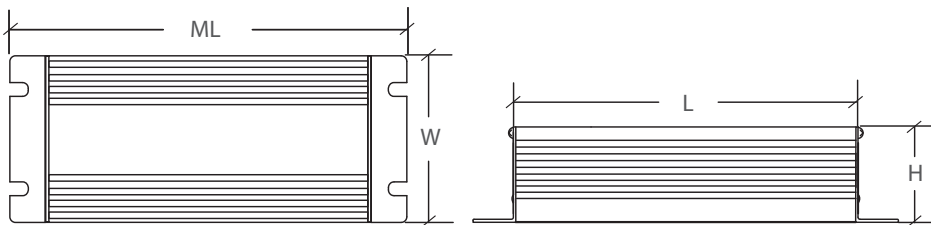
### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
OV-26080RK	Oval RetroFit Kit	80	82	6,400	120-277	0.69-0.30	<10%	0.98	5 lbs
OV-26100RK-M	Oval Mini RetroFit Kit	100	105	8,000	120-277	0.87-0.37	<10%	0.98	5 lbs
OV-26100RK	Oval RetroFit Kit	100	105	8,000	120-277	0.87-0.37	<10%	0.98	5 lbs
OV-26125RK	Oval RetroFit Kit	125	130	10,000	120-277	1.09-0.47	<10%	0.98	5 lbs
OV-26150RK	Oval RetroFit Kit	150	158	12,000	120-277	1.31-0.56	<10%	0.98	5 lbs
OV-26165RK	Oval RetroFit Kit	165	172	13,200	120-277	1.44-0.62	<10%	0.98	5 lbs

### SPECIFICATIONS

- Ballast Type ..... Electronic
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Lamp Operating Frequency ..... 250 kHz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- ANSI Surge Protection ..... Class A
- Lamp / Ballast System Life ..... 100,000 Hrs.
- Lumen Maintenance @75,000Hrs ..... > 70%
- Color Temperature ..... 5000°K
- Color Rendering Index (CRI) ..... 83
- Minimum Starting Temperature ..... -20°F
- Maximum Starting Temperature ..... 160°F
- Lumens per Watt ..... 80
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.98
- Total Harmonic Distortion ..... < 10%
- Inrush Current Peak ..... < 10 Amp
- ETL Listed / UL Standard 1598 ..... Yes
- FCC Compliance ..... Part 18, Subp. C

### BALLAST DIMENSIONS



Wattage	M.L.	W	L	H
80W	6.25 in.	3.00 in.	5.25 in.	1.50 in.
100W	6.25 in.	3.00 in.	5.25 in.	1.50 in.
125W	7.50 in.	4.50 in.	6.25 in.	2.00 in.
150W	7.50 in.	4.50 in.	6.25 in.	2.00 in.
165W	7.50 in.	4.50 in.	6.25 in.	2.00 in.

### RECOMMENDED APPLICATION FIXTURES



\* Recommended for Base Down Applications.  
 \* Contact Factory for Application Verification.