

LED - SELF-BALLASTED Acorn Type Lamps

70,000 Hrs.

The Next Generation of Lighting



Specification:

- LED Driver Type	Constant Current
- Start Method	InstantON
- Hot Re-start	InstantON
- Universal Input Line Voltage	120-277 VAC
- Input Line Frequency	50/60 Hz
- System Life	70,000 Hrs.
- Lumen Maintenance @50,000Hrs	>70%
- Color Temperatures	3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI)	>75
- Minimum Starting Temperature	- 40°F
- Maximum Operating Temperature	125°F
- Power Factor	> 0.98
- Total Harmonic Distortion	< 10%
- Inrush Current Peak	< 10 Amp
- FCC Compliance	Part 18, Subp. C

Applications, Features, and Benefits

- Aluminum cast heat sink
- Grooved Polycarbonate lens/diffuser
- Heat and impact resistant PBT ballast housing with E40 Base
- 70,000 hrs MTTF LED driver made with long life components
- InstantON(TM) flicker-free Cold Start and Hot Re-Start
- High Power Factor, Low THD Driver
- Available in multiple color temperatures to match existing HID lighting
- Internal Driver (self-ballasted) for easy installation or retrofit
- Up to 15 years Maintenance free operation
- Patented LED engine design with Advanced Thermal Management
- Type V Light Distribution
- 5 Year Warranty

Product Information

Item No.	Description	Watts	Color Temp. (°K)	Initial Lumens	CRI	Line Voltage Supply	Line Current	Total Harmonic Distortion	Power Factor	MOL	D (Diameter)
LED-48040-730-UNV	LED Acorn Lamp	40	3,000	3,200	>75	120-277 VAC	0.34 -0.15 Amp	< 10%	0.98	13 in. 330 mm	5.0 in. 127 mm
LED-48040-741-UNV	LED Acorn Lamp	40	4,100	3,200	>75	120-277 VAC	0.34-0.15 Amp	< 10%	0.98	13 in. 330 mm	5.0 in. 127 mm
LED-48040-750-UNV	LED Acorn Lamp	40	5,000	3,200	>75	120-277 VAC	0.34-0.15 Amp	< 10%	0.98	13 in. 330 mm	5.0 in. 127 mm
LED-48060-730-UNV	LED Acorn Lamp	60	3,000	4,800	>75	120-277 VAC	0.52-0.22 Amp	< 10%	0.98	13 in. 330 mm	5.0 in. 127 mm
LED-48060-741-UNV	LED Acorn Lamp	60	4,100	4,800	>75	120-277 VAC	0.52-0.22 Amp	< 10%	0.98	13 in. 330 mm	5.0 in. 127 mm
LED-48060-750-UNV	LED Acorn Lamp	60	5,000	4,800	>75	120-277 VAC	0.52-0.22 Amp	< 10%	0.98	13 in. 330 mm	5.0 in. 127 mm
LED-48080-730-UNV	LED Acorn Lamp	80	3,000	6,400	>75	120-277 VAC	0.69-0.30 Amp	< 10%	0.98	13 in. 330 mm	5.0 in. 127 mm
LED-48080-741-UNV	LED Acorn Lamp	80	4,100	6,400	>75	120-277 VAC	0.69-0.30 Amp	< 10%	0.98	13 in. 330 mm	5.0 in. 127 mm
LED-48080-750-UNV	LED Acorn Lamp	80	5,000	6,400	>75	120-277 VAC	0.69-0.30 Amp	< 10%	0.98	13 in. 330 mm	5.0 in. 127 mm

* Note : MOL dimensions are measured with a Mogul Base (E40).
For Medium Base Adapter (E26A) add 1.5" to MOL measurement.

Ordering Information

(SAMPLE NUMBER : LED-48040-750-UNV-E40)

Type LED	Series 48 = Self-Ballasted Acorn Bulb	Wattage 040 = 40W 060 = 60W 080 = 80W	Color Temperature 730 = 3000°K 741 = 4100°K *750 = 5000°K * Standard	Voltage UNV = Universal 120-277 VAC	Base E40 = Mogal Base E26A = Mogal to Medium Adapter
--------------------	--	---	---	--	--



(E39/E40) to (E26/E27) Adapter

NEPTUN Light, Inc.
Questions and Comments:
service@neptunlight.com
Toll-Free: 1-888-735-8330