



Incredible **25,000** hrs

### GENERAL DESCRIPTION

Neptun's high performance LED R40 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 75W. The LED-340 series bulbs are offered in a variety of color temperatures for flexibility in all types of applications. Its analog/triac dimming system allows for 100%-0% light output for increased energy savings.

### APPLICATION

- Suitable for use in outdoor and indoor environments
- Not for use in fully enclosed fixtures
- Not for use where directly exposed to water

### STRUCTURE, MATERIALS, & FEATURES

- Fin-less design with excellent thermal management.
- Frosted polycarbonate lens for evenly illuminated glow. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: >65 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- High Output COB LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-34014-120V-ADIM-830-E26  
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver	Color Temp	Base
LED-340 = R40	14 = 14W	120V = 120 VAC	ADIM = Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



### PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-34014-120V-ADIM-827	14	0.122	>0.90	<15%	2,700°	>80	952	68	E26	120°
LED-34014-120V-ADIM-830	14	0.122	>0.90	<15%	3,000°	>80	980	70	E26	120°
LED-34014-120V-ADIM-841	14	0.122	>0.90	<15%	4,100°	>80	1,008	72	E26	120°
LED-34014-120V-ADIM-850	14	0.122	>0.90	<15%	5,000°	>80	1,050	75	E26	120°

### SPECIFICATIONS

- LED Driver ..... Constant Current
- Dimming ..... Triac / Analog
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 120 VAC
- LED / Driver System Life ..... 25,000 Hrs.
- Color Temperature ..... Various
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -20°C
- Maximum Starting Temperature ..... +45°C
- Lumens per Watt ..... > 65
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 15%
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### ENERGY SAVINGS

**75% Energy Savings**

\*Based on \$0.10 kw/H  
\*12Hrs. per Day Usage

Operation Costs Comparison over Life of LED Bulb

