



Incredible **25,000** hrs

### GENERAL DESCRIPTION

Neptun's high performance LED R20 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 50W. The LED-320 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: >70 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-32007-120V-ADIM-830-E26  
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver	Color Temp	Base
LED-320 = R20	07 = 7W	120V = 120 VAC	ADIM = Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	E26 = Medium Base



lightinnovations@work™

### PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Base	Beam Angle
LED-32007-120V-ADIM-827	7	0.061	>0.90	<15%	2,700°	>80	420	70	E26	120°
LED-32007-120V-ADIM-830	7	0.061	>0.90	<15%	3,000°	>80	430	71	E26	120°
LED-32007-120V-ADIM-841	7	0.061	>0.90	<15%	4,100°	>80	440	73	E26	120°
LED-32007-120V-ADIM-850	7	0.061	>0.90	<15%	5,000°	>80	450	75	E26	120°

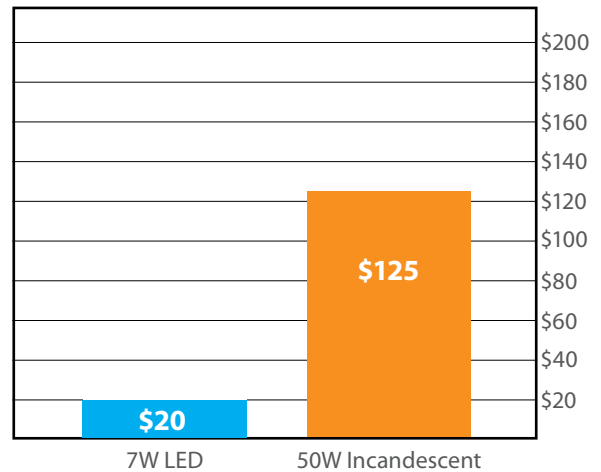
### SPECIFICATIONS

- 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 ..... > 70
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 15%
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

### ENERGY SAVINGS

# 75% Energy Savings

Operation Costs Comparison over Life of LED Bulb



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

Neptun Light, Inc.  
13950 Business Center Drive  
Lake Forest, IL 60045  
Fax: 847.735.8004

Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
©2002-2016 Neptun Light, Inc. All rights reserved. Spec. Rev. 7-2016