



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED PAR20 bulbs are designed for the replacement of existing incandescent or halogen bulbs up to 60W. The LED-920 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.
- Flat polycarbonate shatterproof lens. (Glare Free)
- Flicker Free analog/triac dimming system operates on 120V.
- Wide variety of Correlated Color Temperatures.
- High Luminous Efficacy: > 60 Lm/W
- Environmental Friendly - mercury and lead free.
- Offered in two beam spreads - 25° & 40°
- Up to 15 years Maintenance free operation.
- Integrated high efficiency driver.
- High Output COB LED's.
- RoHS Compliant.
- No UV or IR radiation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-92008-120V-ADIM-830-B25-E26
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Beam Angle	Base
LED-920 = PAR20	08 = 8W	120V-ADIM = 120 VAC Analog/Triac Dimming	827 = 2700°K 830 = 3000°K 841 = 4100°K 850 = 5000°K	B25 = 25° Beam B40 = 40° Beam	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-92008-120V-ADIM-827	8	0.069	>0.90	<15%	2,700°	>80	480	60	E26	25°/40°
LED-92008-120V-ADIM-830	8	0.069	>0.90	<15%	3,000°	>80	488	61	E26	25°/40°
LED-92008-120V-ADIM-841	8	0.069	>0.90	<15%	4,100°	>80	504	63	E26	25°/40°
LED-92008-120V-ADIM-850	8	0.069	>0.90	<15%	5,000°	>80	520	65	E26	25°/40°

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 > 60
- 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