



Incredible **25,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED G25 bulbs are designed for the replacement of existing incandescent bulbs up to 40W. The LED-625 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

- Finned aluminum casting for excellent thermal management.
- Frosted glass 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: >75 Lm/W
- Environmental Friendly - mercury and lead free.
- RoHS Compliant.
- No UV or IR radiation.
- 8 PCS High Output LED's.
- Integrated high efficiency driver.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-62505-120V-ADIM-827-E26
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Driver	Color Temp	Base
LED = LED	625 = G25	05 = 5 W 08 = 8 W 10 = 10 W 12 = 12 W	120V = 120 VAC	ADIM = Analog 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-62505-120V-ADIM-827	5	0.043	>0.90	<15%	2,700°	>80	425	85	E26	140°
LED-62505-120V-ADIM-830	5	0.043	>0.90	<15%	3,000°	>80	430	86	E26	140°
LED-62505-120V-ADIM-841	5	0.043	>0.90	<15%	4,100°	>80	440	88	E26	140°
LED-62505-120V-ADIM-850	5	0.043	>0.90	<15%	5,000°	>80	450	90	E26	140°
LED-62508-120V-ADIM-827	8	0.069	>0.90	<15%	2,700°	>80	680	85	E26	140°
LED-62508-120V-ADIM-830	8	0.069	>0.90	<15%	3,000°	>80	688	86	E26	140°
LED-62508-120V-ADIM-841	8	0.069	>0.90	<15%	4,100°	>80	704	88	E26	140°
LED-62508-120V-ADIM-850	8	0.069	>0.90	<15%	5,000°	>80	720	90	E26	140°
LED-62510-120V-ADIM-827	10	0.087	>0.90	<15%	2,700°	>80	850	85	E26	140°
LED-62510-120V-ADIM-830	10	0.087	>0.90	<15%	3,000°	>80	860	86	E26	140°
LED-62510-120V-ADIM-841	10	0.087	>0.90	<15%	4,100°	>80	880	88	E26	140°
LED-62510-120V-ADIM-850	10	0.087	>0.90	<15%	5,000°	>80	900	90	E26	140°
LED-62512-120V-ADIM-827	12	0.105	>0.90	<15%	2,700°	>80	1,020	85	E26	140°
LED-62512-120V-ADIM-830	12	0.105	>0.90	<15%	3,000°	>80	1,032	86	E26	140°
LED-62512-120V-ADIM-841	12	0.105	>0.90	<15%	4,100°	>80	1,056	88	E26	140°
LED-62512-120V-ADIM-850	12	0.105	>0.90	<15%	5,000°	>80	1,080	90	E26	140°

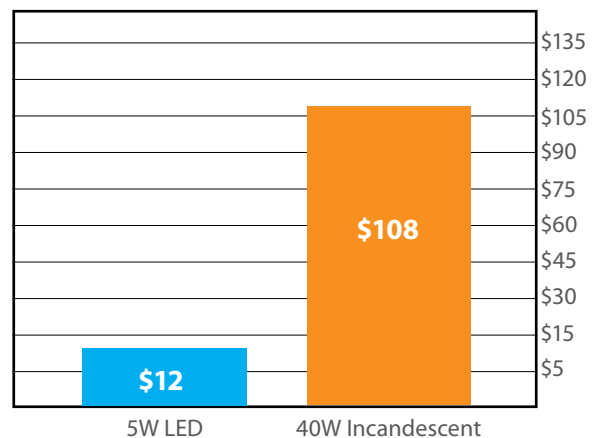
SPECIFICATIONS

- 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 -25°C
- Maximum Starting Temperature 40°C
- Lumens per Watt > 80
- 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