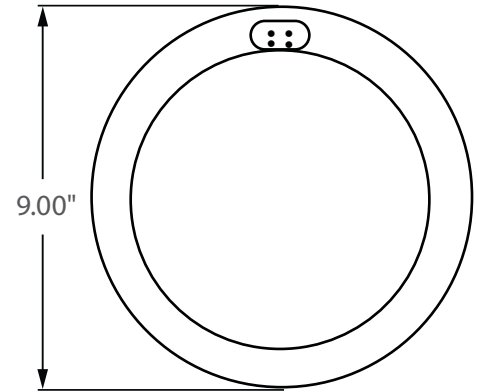




**60% Energy Savings**



**Incredible 70,000 hrs**

### GENERAL DESCRIPTION

Neptun's high performance Dimmable LED T9 Circular Lamps are designed for the replacement of existing incandescent, fluorescent, or CFL lighting systems. The LED-T9 series lamps are offered in a variety of color temperatures for flexibility in all types of applications. The frosted lens allows for an evenly illuminated glow resembling existing fluorescent tubes. Very low temperature operation saves on HVAC costs and long life greatly reduces maintenance costs. The self-ballasted design allows for easy installation into most commonly used T9 circular lamp system fixtures.

### APPLICATION

- Hospitality Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 2700°K & 5000°K.
- Mercury free design.
- No radiated EMI interference.
- High Output LED's.
- High power factor, low THD internal driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty.

### ORDERING INFORMATION

Sample Number: LED-T9-13W-120V-ADIM-827  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Driver System	Color Temp.
LED = LED	T9 = Circular lamp	13W = 13 Watt 18W = 18 Watt	120V = 120VAC	ADIM = Analog Dimming	827 = 2700°K 850 = 5000°K



## PRODUCT INFORMATION

Model No.	Watts	Input Line Current @ 120VAC	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-T9-013W-120V-ADIM-827	13	0.113	>0.90	<15%	2,700°	>70	975	75	9"	4-Pin	120°
LED-T9-013W-120V-ADIM-850	13	0.113	>0.90	<15%	5,000°	>70	1,040	80	9"	4-Pin	120°
LED-T9-018W-120V-ADIM-827	18	0.158	>0.90	<15%	2,700°	>70	1,350	75	9"	4-Pin	120°
LED-T9-018W-120V-ADIM-850	18	0.158	>0.90	<15%	5,000°	>70	1,440	80	9"	4-Pin	120°

## SPECIFICATIONS

- LED Driver ..... Self-Ballasted
- Dimming System ..... Analog/Triac
- Power Supply ..... 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120 VAC
- Input Line Frequency ..... 50/60 Hz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- ANSI Surge Protection ..... Class A
- LED / Driver System Life ..... 70,000 Hrs.
- Lumen Maintenance @50,000Hrs ..... > 70%
- Color Temperature ..... Various
- Color Rendering Index (CRI) ..... > 80
- Minimum Starting Temperature ..... -35°C
- Maximum Starting Temperature ..... 45°C
- Lumens per Watt ..... > 75
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 15%
- FCC Compliance ..... Part 18, Subp. C
- Warranty ..... 5 Year

## ENERGY SAVINGS

**60%** Energy Savings

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

Operation Costs Comparison over Life of LED Bulb

