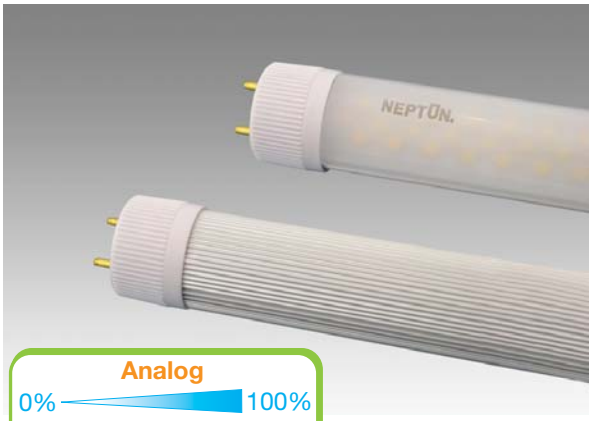
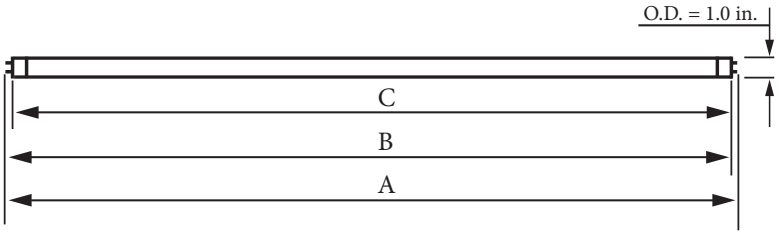
NEPTUN LIGHT

LED
DIMMABLE - 4' T8 LINEAR TUBES
120V ANALOG/TRIAC DIMMING SYSTEM





Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
20W (4')	47.8"	47.4"	47.22"
26W (4')	47.8"	47.4"	47.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The 88 series tubes 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. Its analog/triac dimming system allows for 100%-20% light output for increased energy savings The self-ballasted design allows for easy installation into most commonly used T-8 system fixtures.

APPLICATION

- Office Lighting
- School Lighting
- Healthcare Lighting
- Storage Lighting

STRUCTURE, MATERIALS, & FEATURES

- Aluminum backing for excellent thermal management.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3000°K, 3500°K, 4100°K, & 5000°K.
- Dimming controlled with standard Analog Dimmer.
- Mercury free design.
- No radiated EMI interference.
- 360 PCS 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-88020-120V-ADIM-841-1P-R17D
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Driver System	Color Temp.	Wiring Config.	Options
LED-88 = T8 Tubes	**020** = 20 W **026** = 26 W	**120** = 120 VAC	**ADIM** = Analog Dimming	**830** = 3000°K **835** = 3500°K **841** = 4100°K **850** = 5000°K	**1P** = Single Ended **2P** = Dual Ended * See Pg. **2**	**R17D** = Recessed Double Contact Caps

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120V ANALOG DIMMING SYSTEM

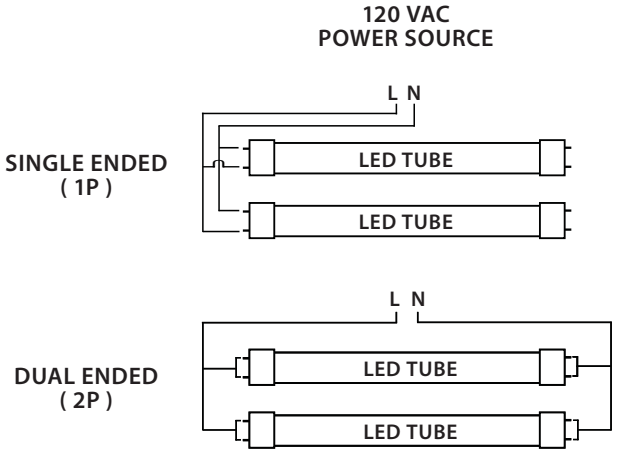
PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-88020-120V-ADIM-830	20	0.174	>0.90	<15%	3,000°	>80	1,900	95	48"	Bi-Pin	120°
LED-88020-120V-ADIM-835	20	0.174	>0.90	<15%	3,500°	>80	1,920	96	48"	Bi-Pin	120°
LED-88020-120V-ADIM-841	20	0.174	>0.90	<15%	4,100°	>80	1,940	97	48"	Bi-Pin	120°
LED-88020-120V-ADIM-850	20	0.174	>0.90	<15%	5,000°	>80	1,960	98	48"	Bi-Pin	120°
LED-88026-120V-ADIM-830	26	0.227	>0.90	<15%	3,000°	>80	2,470	95	48"	Bi-Pin	120°
LED-88026-120V-ADIM-835	26	0.227	>0.90	<15%	3,500°	>80	2,496	96	48"	Bi-Pin	120°
LED-88026-120V-ADIM-841	26	0.227	>0.90	<15%	4,100°	>80	2,522	97	48"	Bi-Pin	120°
LED-88026-120V-ADIM-850	26	0.227	>0.90	<15%	5,000°	>80	2,548	98	48"	Bi-Pin	120°

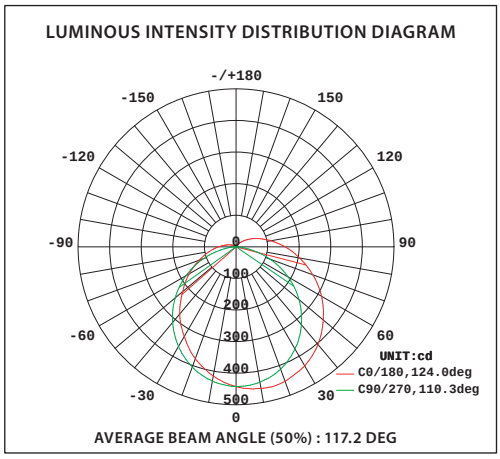
SPECIFICATIONS

- LED Driver ..... Self-Ballasted
- Dimming System ..... Analog/Triac
- Power Supply 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- 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 ..... > 90
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 15%
- ETL Listed / UL Standard 1993 ..... Yes
- FCC Compliance ..... Part 18, Subp. C
- Warranty ..... 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



PHOTOMETRICS



Spec. Rev. 5-2014