



Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
16W (2')	23.8"	23.4"	23.22"

Incredible **70,000** hrs

GENERAL DESCRIPTION

Neptun's high performance LED Direct/Indirect Single Pin T8 tubes are designed for the replacement of existing T8 or T12 fluorescent lighting systems with Direct/Indirect Lighting. The DI-88 series tubes are offered in a variety of color temperatures and wattages 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 T8 or T12 system fixtures.

APPLICATION

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

STRUCTURE, MATERIALS, & FEATURES

- Aluminum middle for excellent thermal management.
- Double sided optics for direct / indirect lighting systems.
- Frosted non yellowing polycarbonate lens for even glow. (Glare Free)
- Correlated Color Temperatures of 3500°K, 4100°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-DI-88016-UNV-841-SP
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Base
LED = LED	DI-88 = Direct/Indirect T8 Tubes	016 = 16 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	SP = Single Pin



PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	Color Temp. CCT (°K)	CRI	Lumens	Lm/W	Nominal Length (Inch)	Base	Beam Angle
LED-DI-88016-UNV-835	16	0.139-0.060	>0.90	<20%	3,500°	>80	1,536	96	24"	Single	360°
LED-DI-88016-UNV-841	16	0.139-0.060	>0.90	<20%	4,100°	>80	1,552	97	24"	Single	360°
LED-DI-88016-UNV-850	16	0.139-0.060	>0.90	<20%	5,000°	>80	1,568	98	24"	Single	360°

SPECIFICATIONS

- LED Driver Self-Ballasted
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 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 < 20%
- ETL Listed / UL Standard 1993 Yes
- FCC Compliance Part 18, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)

