

Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
18W (4')	47.8"	47.4"	47.22"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance 260° Beam 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. 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

- Frosted non yellowing glass lens for even glow. (Glare Free)
- 260° Beam for greater use of existing reflectors.
- Correlated Color Temperatures of 3500°K, 4100°K, & 5000°K.
- 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-88018-UNV-841F-1P-R17D
 Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp.	Wiring Config.	Options
LED = LED	88 = T8 Tubes	018 = 18 W	UNV = 120-277 VAC	835F = 3500°K 841F = 4100°K 850F = 5000°K	1P = Single Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



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-88018-UNV-835F	18	0.157-0.068	>0.90	<20%	3,500°	>80	1,908	106	48"	Bi-Pin	260°
LED-88018-UNV-841F	18	0.157-0.068	>0.90	<20%	4,100°	>80	1,944	108	48"	Bi-Pin	260°
LED-88018-UNV-850F	18	0.157-0.068	>0.90	<20%	5,000°	>80	1,980	110	48"	Bi-Pin	260°

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 > 95
- 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)

