



Dimensions in inches

Product Type	A(max.)	B(max.)	C(max.)
38W (6')	71.8"	71.4"	71.22"

## 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-88038-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	038 = 38 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-88038-UNV-835	38	0.332-0.144	>0.90	<20%	3,500°	>80	3,648	96	72"	Single	360°
LED-DI-88038-UNV-841	38	0.332-0.144	>0.90	<20%	4,100°	>80	3,686	97	72"	Single	360°
LED-DI-88038-UNV-850	38	0.332-0.144	>0.90	<20%	5,000°	>80	3,724	98	72"	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)

