Dimensions in inches

Product Type	(A) Max. Overall Length (in.)	(B) Base to Top of Lamp (in.)	(C) Leg Spacing Pin to Pin (in.)
20W	23.00"	22.60"	6.00"
26W	23.00"	22.60"	6.00"

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's high performance LED U-Bend T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. The UBT8-88 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
· 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.
· 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-UBT8-88020-UNV-841-1P-R17D
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Wiring Config.	Options
LED = LED	**UBT8-88** = U-Bend T8 Tubes	**020** = 20 W **026** = 26 W	**UNV** = 120-277 VAC	**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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PRODUCT INFORMATION

Model No.	Watts	Input Line Current (Amp) @ 120 - 277	Power Factor	THD	CCT (°K)	CRI	Lumens	Lm/W	Leg Spacing (Inch)	Base	Beam Angle
LED-UBT8-88020-UNV-830	20	0.174-0.075	>0.90	<20%	3,000°	>80	1,900	95	6.00"	Bi-Pin	120°
LED-UBT8-88020-UNV-835	20	0.174-0.075	>0.90	<20%	3,500°	>80	1,920	96	6.00"	Bi-Pin	120°
LED-UBT8-88020-UNV-841	20	0.174-0.075	>0.90	<20%	4,100°	>80	1,940	97	6.00"	Bi-Pin	120°
LED-UBT8-88020-UNV-850	20	0.174-0.075	>0.90	<20%	5,000°	>80	1,960	98	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-830	26	0.227-0.098	>0.90	<20%	3,000°	>80	2,470	95	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-835	26	0.227-0.098	>0.90	<20%	3,500°	>80	2,496	96	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-841	26	0.227-0.098	>0.90	<20%	4,100°	>80	2,522	97	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-850	26	0.227-0.098	>0.90	<20%	5,000°	>80	2,548	98	6.00"	Bi-Pin	120°

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)

120/277 VAC POWER SOURCE

SINGLE ENDED (1P)
L
N
LED U-BEND
LED U-BEND

DUAL ENDED (2P)
L
N
LED U-BEND
LED U-BEND