

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 **75,000** 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 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	835 = 3500°K 841 = 4100°K 850 = 5000°K	1P = Single Ended 2P = Dual Ended * see pg. 2	R17D = Recessed Double Contact Caps 



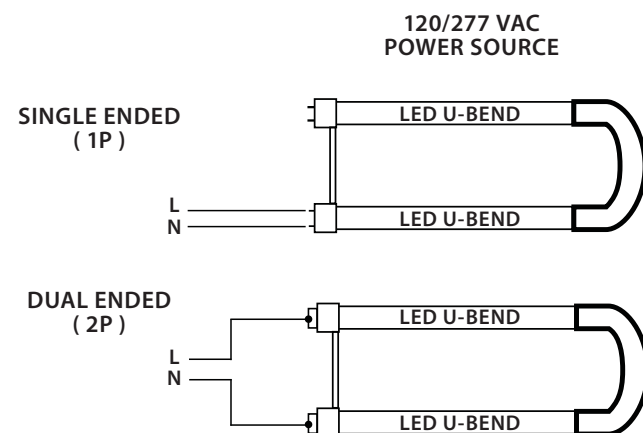
## PRODUCT INFORMATION

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-835	20	0.174-0.075	>0.95	<15%	3,500°	>80	2,400	120	6.00"	Bi-Pin	120°
LED-UBT8-88020-UNV-841	20	0.174-0.075	>0.95	<15%	4,100°	>80	2,420	121	6.00"	Bi-Pin	120°
LED-UBT8-88020-UNV-850	20	0.174-0.075	>0.95	<15%	5,000°	>80	2,440	122	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-835	26	0.227-0.098	>0.95	<15%	3,500°	>80	3,120	120	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-841	26	0.227-0.098	>0.95	<15%	4,100°	>80	3,146	121	6.00"	Bi-Pin	120°
LED-UBT8-88026-UNV-850	26	0.227-0.098	>0.95	<15%	5,000°	>80	3,172	122	6.00"	Bi-Pin	120°

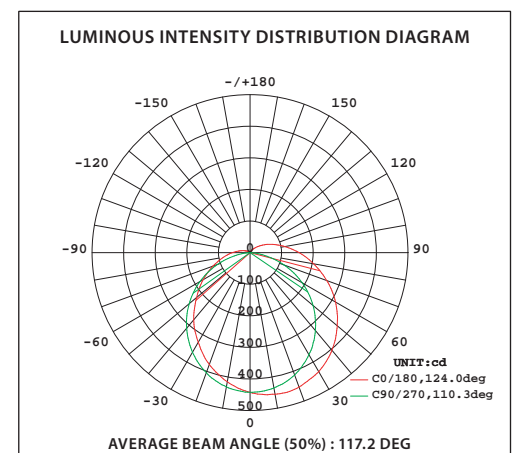
## SPECIFICATIONS

- LED Driver ..... Self-Ballasted
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 75,000 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 ..... > 120
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.95
- Total Harmonic Distortion ..... < 15%
- ETL Listed / UL Standard 1993..... Yes
- FCC Compliance ..... Part 15, Subp. C
- Warranty ..... 5 Year

## WIRING DIAGRAM (See Complete Installation Instructions)



## PHOTOMETRICS



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Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
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