

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 Grow Light LED T8 tubes are designed for the replacement of existing T8 fluorescent lighting systems. 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


- Grow Lighting

STRUCTURE, MATERIALS, & FEATURES

- Full Spectrum LED for grow lighting applications.
- 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-88018-UNV-FS-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	FS = Full Spectrum	1P = Single Ended * See Pg. 2	R17D = Recessed Double Contact Caps 



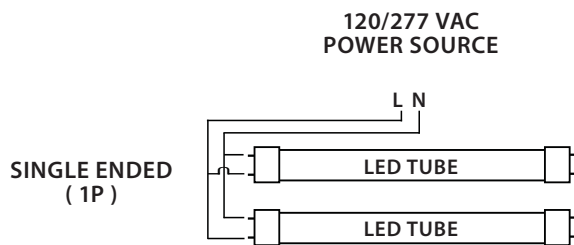
PRODUCT INFORMATION

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-FS	18	0.157-0.068	>0.90	<20%	Full Spectrum	>80	1,620	90	48"	Bi-Pin	120°

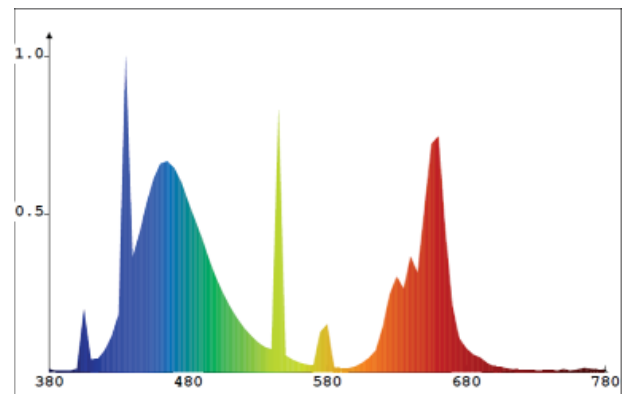
SPECIFICATIONS

- 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
- Projected (L70) @ 25°C > 70,000 hrs.
- Color Temperature Full Spectrum
- P.A.R Range 380nm - 730nm
- 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 15, Subp. C
- Warranty 5 Year

WIRING DIAGRAM (See Complete Installation Instructions)



SPECTRUM



BLUE & RED

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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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