

Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's 2'x2' troffer fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The T27 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. Easily installs into most commonly used T-Bar grids. It can replace existing HID & HPS fixtures up to 400W.

APPLICATION

- Canopy Lighting
- Retail Lighting
- Gymnasium Lighting
- Storage Lighting
- Auditorium Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Custom designed anodized aluminum reflectors for superior illuminance.
- High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate lens / refractor.
- Corrosion resistant electrocoat white finish (custom colors available).
- Hinged aluminum door frame.
- Inductively coupled circular induction bulb.
- High power factor, low THD electronic ballast with surge protection.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High quality glare-free light with high CRI above (83).
- Bright white light (5000°K) for greater visibility and safety.
- Advance phosphors for high lumen output and high lumen maintenance.
- Up to 20 year maintenance free operation with 10 Year Warranty.
- **Optional:** DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: T27080-UNV-850-WHT
 Custom options and accessories available. Please consult factory

Series	Lamp Wattage	Voltage	Color Temp	Color
T27 = 2'x2' Troffer Fixture	080 = 80 W 100 = 100 W 120 = 120 W 150 = 150 W 200 = 200 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24V DC * * Available up to 100W	830 = 3000°K 841 = 4100°K 850 = 5000°K * * Standard	WHT = White * Custom Colors Available



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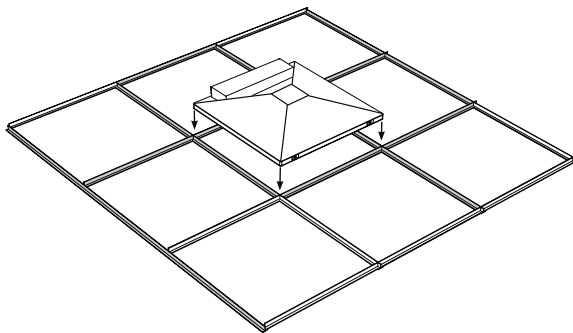
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
T27080-UNV	2'x2' Troffer Fixture	80	82	6,400	120-277	0.87-0.37	<10%	0.98	15 lbs
T27100-UNV	2'x2' Troffer Fixture	100	105	8,000	120-277	0.87-0.37	<10%	0.98	15 lbs
T27120-UNV	2'x2' Troffer Fixture	120	126	9,600	120-277	1.05-0.45	<10%	0.98	15 lbs
T27150-UNV	2'x2' Troffer Fixture	150	158	12,000	120-277	1.31-0.56	<10%	0.98	16 lbs
T27200-UNV	2'x2' Troffer Fixture	200	210	16,000	120-277	1.75-0.75	<10%	0.98	16 lbs

SPECIFICATIONS

- Ballast Type Electronic
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Lamp Operating Frequency 250 kHz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- ANSI Surge Protection Class A
- Lamp / Ballast System Life 100,000 Hrs.
- Lumen Maintenance @75,000Hrs > 70%
- Color Temperature 5000°K
- Color Rendering Index (CRI) 83
- Minimum Starting Temperature -20°F
- Maximum Starting Temperature 160°F
- Lumens per Watt 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.98
- Total Harmonic Distortion < 10%
- Inrush Current Peak < 10 Amp
- ETL Listed / UL Standard 1598 Yes
- FCC Compliance Part 18, Subp. C
- IP Rating IP43
- Warranty 10 Year

MOUNTING OPTIONS



T-BAR GRID SYSTEM

- Easy drop in installation in to standard 2x2 t-bar grid system.
- Power cord whip provided.

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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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