23.75"

23.75"

6.00"
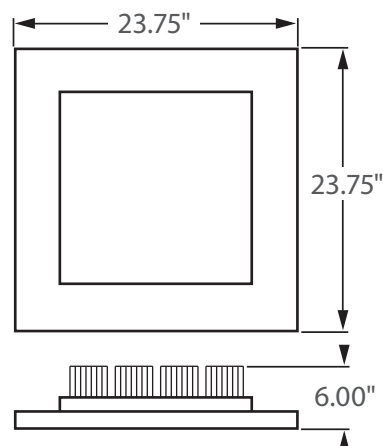
** AVAILABLE **

0 - 10V
FULL DIMMING

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's 2'x2' high output troffer fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-51 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
· Auto Showroom Lighting
· Gymnasium Lighting
· Hopital Lighting
· Auditorium Lighting

STRUCTURE, MATERIALS, & FEATURES

· Stamped aluminum housing with extruded heat sink.
· Heat and impact resistant frosted glass lens for even glow illumination.
· Corrosion resistant electrocoat white finish (custom colors available).
· High Output COB LED's.
· High power factor, low THD driver with 6kV/3kA surge protection.
· Instant-On flicker-free Cold Start and Hot Re-Start.
· Bright white light (5000°K) for greater visibility and safety.
· LED engine design with Advanced Thermal Management.
· Up to 15 year maintenance free operation.
· 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
· **Optional**: 0-10V Dimming, Remote Monitoring, WiFi Control, and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-51150-UNV-0-10VDIM-850-WHT
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp
LED-51 = 2'x2' Troffer Fixture	**150** = 150 W **180** = 180 W	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC	**0-10VDIM** = 0-10V DimmingDriver ***** Contact Factory for dimming options.	**835** = 3500°K **841** = 4100°K **850** = 5000°K

PROUDLY MADE IN
AMERICA
WITH DOMESTIC AND IMPORTED MATERIALS

LEAD FREE
RoHS
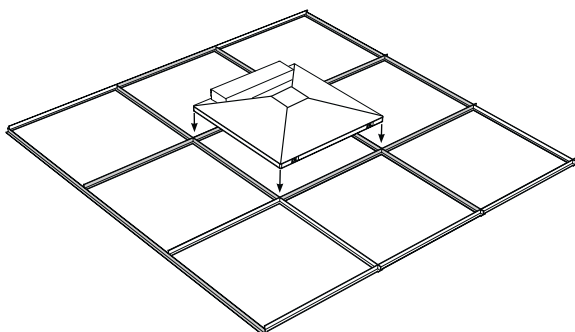COMPLIANT

*light**innovations@work*™

NEPTUN LIGHT

PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-51150-UNV	2x2 Troffer Fixture	150	152	16,500	120-277	1.31 - 0.58	<20%	>0.90	30 lbs
LED-51180-UNV	2x2 Troffer Fixture	180	182	19,800	120-277	1.57 - 0.68	<20%	>0.90	30 lbs

SPECIFICATIONS

- LED Driver ....Constant Current
- Power Supply 350mA
- Driver UL Rating ....Class 1
- 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 ....> 100,000 hrs.
- Color Temperature ....3500°K, 4100°K, 5000°K

- Color Rendering Index (CRI) ....> 80
- Minimum Starting Temperature ....-40°C
- Maximum Starting Temperature ....50°C
- Lumens per Watt ....> 100
- Shock / Vibration Resistant ....Yes
- Power Factor ....> 0.90
- Total Harmonic Distortion ....< 20%
- Inrush Current Peak ....< 10 Amp
- FCC Compliance ....Part 15, Subp. C
- IP Rating IP43
- Warranty ....5 Year

MOUNTING OPTIONS

T-BAR GRID SYSTEM

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