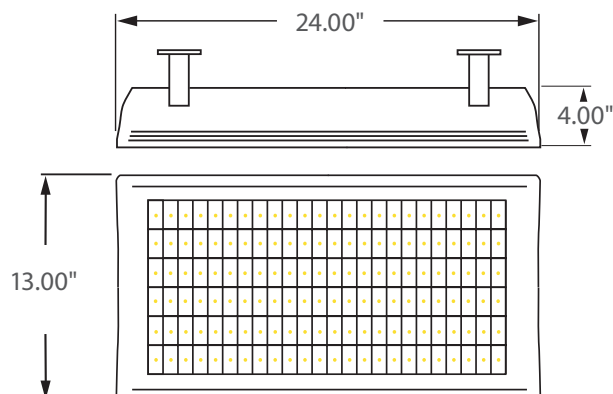




DESIGNLIGHTS
CONSORTIUM

Please check latest update for complete information.
http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php



Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's 24" low-profile LED tunnel/viaduct fixtures feature a sleek architectural design and durability to be used in new construction or retrofit applications. The 49 series fixture features excellent optics and its rugged design allows for use in a variety of indoor and outdoor applications. It can replace existing HID & HPS fixtures up to 350 Watts.

APPLICATION

- Tunnel Lighting
- Viaduct Lighting
- Freezer Lighting
- Storage Lighting
- Security Lighting
- Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing with cooling fins.
- Heat and impact resistant tempered glass lens with anti-glare diffuser.
- Corrosion resistant electrocoat dark grey finish (custom colors available).
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Adjustable angle mounting brackets included.
- 144 PCS High Output LED's.
- High power factor, low THD driver.
- 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)

ORDERING INFORMATION

Sample Number: LED-49125-24-UNV-750-LD-120V-DGRY
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Size	Voltage	Color Temp	Accessories	Color
LED	49 = Low-Profile	125 = 125 W 135 = 135 W 150 = 150 W	24 = 24" Housing	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	735 = 3500°K 741 = 4100°K 750 = 5000°K * * Standard	LD-120V = Photocell for 120V LD-277V = Photocell for 277V MD = Motion Sensor Detector	DGRY = Dark Grey * Custom Colors available



lightinnovations@work™

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
LED-49125-24-UNV	Low Profile LED Fixture	125	127	11,125	120-277	1.09 - 0.47	<15%	>0.98	32 lbs
LED-49135-24-UNV	Low Profile LED Fixture	135	137	11,610	120-277	1.18 - 0.51	<15%	>0.98	32 lbs
LED-49150-24-UNV	Low Profile LED Fixture	150	155	13,050	120-277	1.31 - 0.56	<15%	>0.98	32 lbs

SPECIFICATIONS

- LED Driver Constant Current
- 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 5000°K
- Color Rendering Index (CRI) > 70
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature 50°C
- Lumens per Watt > 85
- Shock / Vibration Resistant ANSI - C136.31.
- Power Factor > 0.98
- Total Harmonic Distortion < 15%
- Inrush Current Peak < 10 Amp
- ETL Listed / UL Standard 1598 Yes
- FCC Compliance Part 18, Subp. C
- IP Rating IP66
- Warranty 5 Year

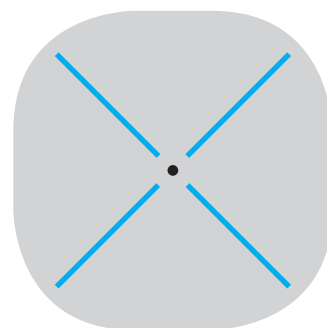
MOUNTING OPTIONS

Surface Mount



Adjustable Mounting
Brackets
(Standard)

PHOTOMETRICS (See Complete IES File)



Type V Distribution

Neptun Light, Inc.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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.
©2002-2013 Neptun Light, Inc. All rights reserved.

Spec. Rev. 5-2013