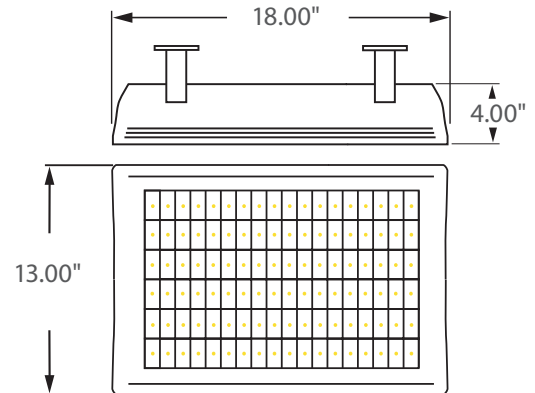




Please check latest update for complete information.  
[http://www.designlights.org/solidstate.about.QualifiedProductsList\\_Publicv2.php](http://www.designlights.org/solidstate.about.QualifiedProductsList_Publicv2.php)



Incredible **70,000 hrs**

### GENERAL DESCRIPTION

Neptun's 18" 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 250 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.
- 108 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-49075-18-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	075 = 75 W 100 = 100 W 120 = 120 W	18 = 18" 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



### 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-49075-18-UNV	Low Profile LED Fixture	75	77	7,875	120-277	0.65 - 0.28	<15%	>0.98	30 lbs
LED-49100-18-UNV	Low Profile LED Fixture	100	102	9,900	120-277	0.87 - 0.37	<15%	>0.98	30 lbs
LED-49120-18-UNV	Low Profile LED Fixture	120	122	10,080	120-277	1.05 - 0.45	<15%	>0.98	30 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

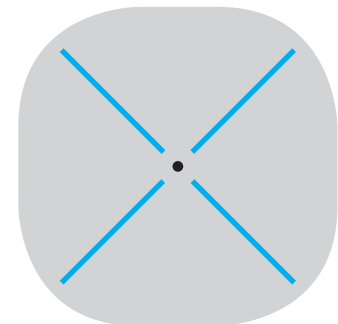
### MOUNTING OPTIONS

Surface Mount



Adjustable Mounting Brackets (Standard)

### PHOTOMETRICS (See Complete IES File)



Type V Distribution