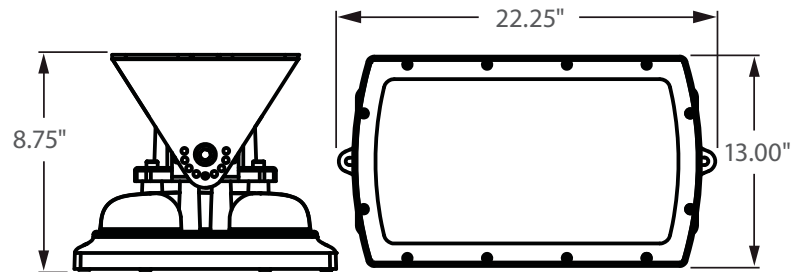




** AVAILABLE **

0 - 10V	Bi-Level	Dimming
FULL DIMMING	100%	50%



Incredible **75,000** hrs

GENERAL DESCRIPTION

Neptun's LED tunnel/viaduct fixtures feature a sleek architectural design and durability to be used in new construction or retrofit applications. The LED-27 L12 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 400 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 grey finish (custom colors available).
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Adjustable angle mounting brackets included.
- 12 PCS High Output COB LED's.
- Driver with built in Neptun Surge Protective Device (NSPD) provides single phase protection for Line/Neutral, Line/Ground, and Neutral/Ground in accordance with IEEE C62.41 C High (10kV & 10kA).
- Instant-On flicker-free Cold Start and Hot Re-Start.
- LED engine design with Advanced Thermal Management.
- Up to 15 year maintenance free operation.
- 10 Year Warranty on complete fixture. (LED's, Driver, & Housing)
- **Optional:** Bi-Level Dimming, 0-10V Dimming, Remote Monitoring and ON/ OFF Control

ORDERING INFORMATION

Sample Number: LED-27150-L12-UNV-0-10VDIM-850-LD-120V-DGRY
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	CCT	Accessories	Color
LED-27 = Tunnel/ Viaduct Fixture	150-L12 = 150 W 180-L12 = 180 W 200-L12 = 200 W 220-L12 = 220 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24 VDC	0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming * * Includes Motion Sensor ** Contact Factory for dimming options	ASM = Adjustable Surface Mount * YK = Yoke Mount SFM = Surface Mount * Standard	835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard	LD-120V = Photocell-120V LD-277V = Photocell-277V MD = Motion Sensor ON/OFF	GRY = 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-27150-L12-UNV	Tunnel/Viaduct Fixture	150	152	14,250	120-277	1.31 - 0.56	<20%	>0.90	32 lbs
LED-27180-L12-UNV	Tunnel/Viaduct Fixture	180	182	17,100	120-277	1.57 - 0.68	<20%	>0.90	32 lbs
LED-27200-L12-UNV	Tunnel/Viaduct Fixture	200	202	19,000	120-277	1.74 - 0.75	<20%	>0.90	32 lbs
LED-27220-L12-UNV	Tunnel/Viaduct Fixture	220	222	20,900	120-277	1.92 - 0.83	<20%	>0.90	32 lbs

SPECIFICATIONS

- Driver Constant Current
- Start Method InstantON
- Hot Re-start InstantON
- Power Supply 350mA
- Driver UL Rating Class 1
- Driver UL Outdoor Rated Wet Location
- Sound Rating Class A
- ANSI Surge Protection IEEE C62.41 C High
- Current Crest Factor 1.5 maximum
- Load Regulation: 5% output current variation across lad range
- Line Regulation: 1% output voltage variation across voltage range
- Driver Off-State Draw 0 Watts
- Vibration Compliance 3G
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- LED / Driver System Life 75,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature 5,000°K
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature +50°C
- Lumens per Watt > 90
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- Inrush Current Peak < 10 Amp
- FCC Compliance Part 15, Subp. C
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
- Warranty 10 Year

MOUNTING OPTIONS

Adjustable Yoke Mount



Adjustable Surface Mount



Surface Mount

