



\*\* AVAILABLE \*\*

<b>0 - 10V</b>	<b>Bi-Level</b>	<b>Dimming</b>
FULL DIMMING	100%	50%

Incredible **100,000 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 L6 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 grey finish.
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Adjustable angle mounting brackets included.
- High Output COB LED's with borosilicate glass lens optics.
- High power factor, low THD driver with 6kV/3kA surge protection.
  - Optional 20kV/10kA surge protector available.
- 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-27080-L6-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	080-L6 = 80 W 100-L6 = 100 W 120-L6 = 120 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24 VDC * * Only available in 80w & 100w	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 SP = 20kV/10kA surge protector	GRY = Grey <span style="display: inline-block; width: 15px; height: 10px; background-color: grey; vertical-align: middle;"></span>



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### 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-27080-L6-UNV	Tunnel/Viaduct Fixture	80	82	9,600	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-27100-L6-UNV	Tunnel/Viaduct Fixture	100	102	12,000	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-27120-L6-UNV	Tunnel/Viaduct Fixture	120	122	14,400	120-277	1.05 - 0.45	<20%	>0.90	25 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 load 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
- Projected (L70) @ 25°C ..... > 100,000 hrs.
- Color Temperature ..... 5,000°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
- 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



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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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