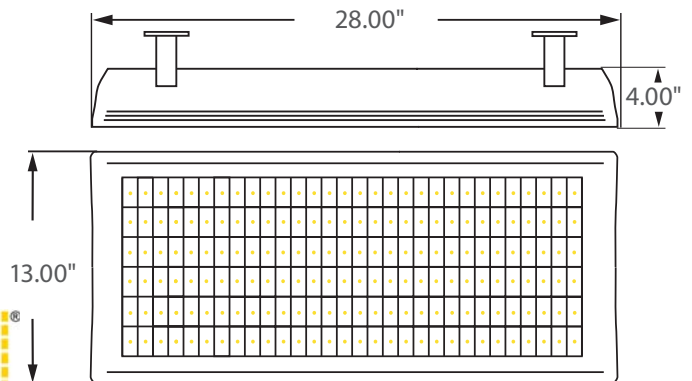




DESIGNLIGHTS
CONSORTIUM

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



Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's 28" 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 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 dark grey finish (custom colors available).
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Adjustable angle mounting brackets included.
- 180 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-49155-28-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 | 155 = 155W 175 = 175W 200 = 200W | 28 = 28" 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-49155-28-UNV | Low Profile LED Fixture | 155 | 158 | 13,950 | 120-277 | 1.35 - 0.58 | <15% | >0.98 | 35 lbs |
| LED-49170-28-UNV | Low Profile LED Fixture | 170 | 175 | 15,640 | 120-277 | 1.48 - 0.64 | <15% | >0.98 | 35 lbs |
| LED-49200-28-UNV | Low Profile LED Fixture | 200 | 205 | 17,800 | 120-277 | 1.75 - 0.75 | <15% | >0.98 | 35 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

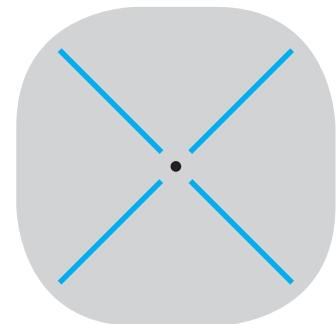
MOUNTING OPTIONS

Surface Mount



Adjustable Mounting Brackets (Standard)

PHOTOMETRICS (See Complete IES File)



Type V Distribution