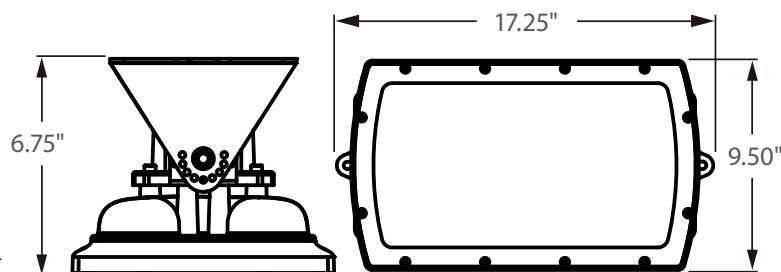




**** AVAILABLE ****

Bi-Level Dimming
100% 50%

0 - 10V
FULL DIMMING



Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED Flood fixtures feature architectural form and durability to make it an excellent choice for new construction or retrofit applications. Neptun's LED-27 series fixtures feature high output LED's and custom engineered optics to provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 250 Watts..

APPLICATION

- Building Accent Lighting
- Landscape Lighting
- Security Lighting
- Parking Lot Lighting
- Area Lighting
- Storage Area Lighting
- Sign 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.
- 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.
- Bright white light (5000°K) for greater visibility and safety.
- 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-YK-LD-120V-B45-DGRY
Custom options and accessories available. Please consult factory

| Series | Wattage | Voltage | Options | CCT | Mounting | Accessories | Beam | Color |
|----------------|---|---|---|--|--|--|----------------------------------|---|
| LED-27 = Flood | 080-L6 = 80 W 100-L6 = 100 W 120-L6 = 120 W | UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC | 0-10VDIM = 0-10V Dimming BL-DIM = Bi-Level Dimming | 835 = 3500°K 841 = 4100°K 850 = 5000°K * * Standard | YK = Yoke Mount ASM = Adjustable Surface Mount SFM = Surface Mount | LD-120V = Photocell-120V LD-277V = Photocell-277V MD = Motion Sensor SP = 20kV/10kA surge protector | B45 = 45° Beam B90 = 90° Beam | GRY = Grey * Custom Colors available |



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 | LED Flood Fixture | 80 | 82 | 9,600 | 120-277 | 0.69 - 0.30 | <20% | >0.90 | 25 lbs |
| LED-27100-L6-UNV | LED Flood Fixture | 100 | 102 | 12,000 | 120-277 | 0.87 - 0.37 | <20% | >0.90 | 25 lbs |
| LED-27120-L6-UNV | LED Flood 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
- Driver Off-State Draw 0 Watts
- 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
- Beam Angle 45° / 90°
- 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

