** AVAILABLE **

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

Incredible 75,000 hrs

GENERAL DESCRIPTION

Neptun's LED Flood fixtures feature architectual 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.
· 6 PCS High Output COB LED's.
· High power factor, low THD driver with 10kV Surge Protection.
· 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-B30-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	**B30** = 30° Beam **B60** = 60° Beam **B90** = 90° Beam	**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-27080-L6-UNV	LED Flood Fixture	80	82	7,200	120-277	0.69 - 0.30	<20%	>0.90	25 lbs
LED-27100-L6-UNV	LED Flood Fixture	100	102	9,000	120-277	0.87 - 0.37	<20%	>0.90	25 lbs
LED-27120-L6-UNV	LED Flood Fixture	120	122	10,800	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
- LED / Driver System Life .... 75,000 Hrs.
- Lumen Maintenance @50,000Hrs .... > 70%
- Color Temperature .... 5,000°K

- Color Rendering Index (CRI) .... > 80
- Beam Angle .... 30° / 60° / 90°
- 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

Spec. Rev. 1-2015