



** 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 borociliate 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



lightinnovations@work™

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



Neptun Light, Inc.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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.
©2002-2016 Neptun Light, Inc. All rights reserved.

Spec. Rev. 7-2016