



Incredible **75,000 hrs**

### GENERAL DESCRIPTION

Neptun's LED spot flood light fixtures feature architectural design and durability to make it an excellent choice for new construction or retrofit applications. The LED-SW21 series fixtures feature high output LED's and custom engineered optics to provide excellent uniformity and efficiency. Neptun's LED flood fixtures are offered in 12W and can replace up to 100W Incandescent Floods.

### APPLICATION

- Building Accent Lighting
- Landscape Lighting
- Security Lighting
- Sign Lighting
- Spot Lighting
- Area Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat bronze finish (custom colors available).
- High efficiency, heat and impact resistant glass lens.
- Continuous silicone gasketing surrounds lens for weather - tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 1/2" Adjustable NPT mounting arm included.
- High Output Cree LED's.
- High power factor, low THD driver with 10kV Surge Protection.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)

### ORDERING INFORMATION

Sample Number: LED-SW21012-UNV-850-BRZ  
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp.	Color
LED-SW21 = Spot Flood Light Fixture	012 = 12 W	UNV = 120-277 VAC	835 = 3500°K 841 = 4100°K 850 = 5000°K	BRZ = Bronze * 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-SW21012-UNV	4" Spot Flood Light	12	13	800	120-277	0.10 - 0.04	<20%	>0.90	2 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 ..... 65°
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... +50°C
- Lumens per Watt ..... > 70
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.90
- Total Harmonic Distortion ..... < 20%
- Inrush Current Peak ..... < 10 Amp
- FCC Compliance ..... Part 15, Subp. C
- Optics IP Rating ..... IP68
- Driver IP Rating ..... IP67
- Warranty ..... 5 Year

## MOUNTING OPTIONS



1/2" NPT  
Adjustable Mount

## PACKAGING DIMENSIONS

MODEL NO.	BOX DIMENSIONS	WEIGHT
LED-SW21012-UNV	6.00"(l) x 6.00"(w) x 8.00"(h)	2.25 lbs.