7.75"

4.00"

6.50"

4.00"

Incredible 75,000 hrs

GENERAL DESCRIPTION

Neptun's Swiss Line LED flood light fixtures feature architectural design and durability to fit new construction and retrofit applications. The LED-SW23 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 20W or 30W to replace up to 100W HID and HPS Systems.

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-SW23020-UNV-850-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Accessories	Color
LED-SW23 = Flood Light	**020** = 20 W **030** = 30 W	**UNV** = 120-277 VAC	**835** = 3500°K **841** = 4100°K **850** = 5000°K * ***** Standard	**LD-120V** = Photocell 120VAC **LD-277V** = Photocell 277VAC	**BRZ** = Bronze ***** Custom Colors Available

RoHS
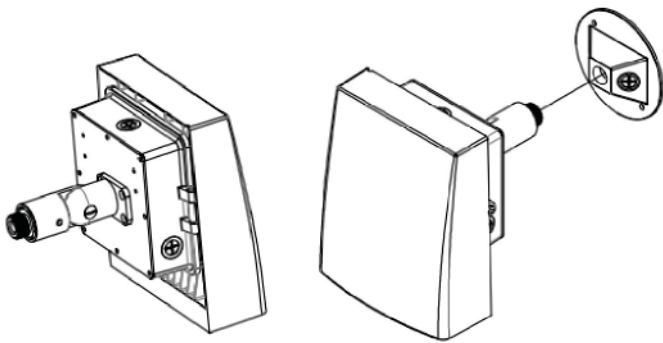LEAD FREE COMPLIANT

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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-SW23020-UNV	Flood Light - 1/2" NPT	20	22	1,850	120-277	0.17 - 0.07	<20%	>0.90	4 lbs
LED-SW23030-UNV	Flood Light - 1/2" NPT	30	32	2,600	120-277	0.26 - 0.11	<20%	>0.90	4 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 .... 95°
- 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 Mount

PACKAGING DIMENSIONS

MODEL NO.	BOX DIMENSIONS	WEIGHT
LED-SW23020-UNV	8.50"(l) x 7.50"(w) x 9.50"(h)	4.55 lbs.
LED-SW23030-UNV	8.50"(l) x 7.50"(w) x 9.50"(h)	4.55 lbs.

Spec. Rev. 8-2014