7.00"   12.00"

8.50"

** AVAILABLE **

0 - 10V
FULL DIMMING

Incredible **100,000** hrs

GENERAL DESCRIPTION

Neptun's LED Flood fixtures feature classic form and durability to make it an excellent choice for new construction or retrofit applications. Neptun's LED-SW33 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 175 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.
· Corrosion resistant electrocoat bronze finish (custom colors available).
· Aluminum door frame incorporates stainless steel hardware.
· Adjustable Yoke bracket or Slip-Fitter mounting arm included.
· High efficiency, heat and impact resistant glass lens.
· Correlated Color Temperature of (5000°K) for greater visibility and safety.
· 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)
· **Optional**: 0-10V Dimming, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-SW33080-UNV-SF-850-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	Color Temp	Color
LED-SW33 = Flood	**080** = 80 W **100** = 100 W	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC **24VDC** = 24 VDC	**0-10VDIM** = 0-10V Dimming ***** Contact Factory for Dimming options	**SF** = Slip Fitter **YK** = Yoke Bracket	**835** = 3500°K **841** = 4100°K **850** = 5000°K * ***** Standard	**BRZ** = Bronze ***** Custom Colors Available

RoHS
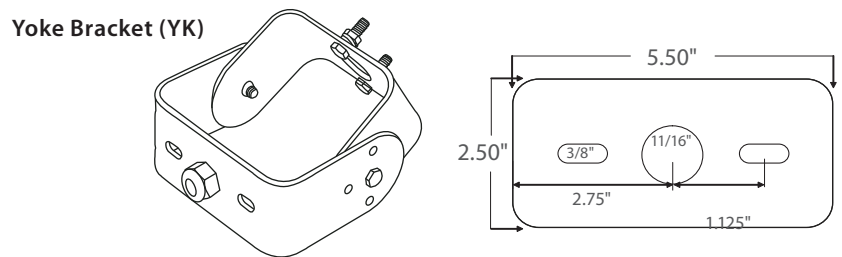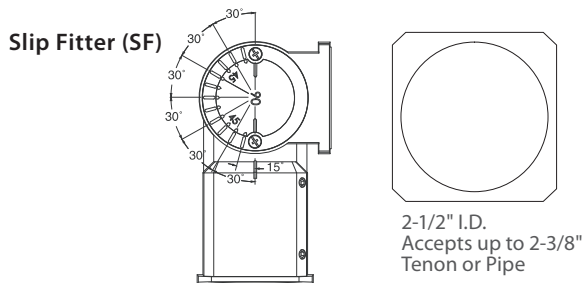LEAD FREE COMPLIANT

*light*innovations@work™

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-SW33080-UNV	Flood Light Fixture	80	82	7,600	120-277	0.69 - 0.30	<20%	>0.90	18 lbs
LED-SW33100-UNV	Flood Light Fixture	100	102	9,000	120-277	0.87 - 0.37	<20%	>0.90	18 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 .... 120°
- 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
- Optics IP Rating IP68
- Driver IP Rating IP67
- Warranty .... 5 Year

MOUNTING OPTIONS

Slip Fitter (SF)

30°
30°
30°
30°
30°
30°
15°
15°

2-1/2" I.D.
Accepts up to 2-3/8"
Tenon or Pipe

Yoke Bracket (YK)

5.50"
2.50"
3/8"
11/16"
2.75"
1.125"

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

service@neptunlight.com   www.NeptunLight.com   888.735.8330