NEPTUN
L I G H T

** AVAILABLE **

Bi-Level 100% | Dimming 50%

0 - 10V
FULL DIMMING

11.00"

10.00"

16.25"

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-331 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.
· Correlated Color Temperature of (5000°K) for greater visibility and safety.
· High Output COB LED's with borocilicate glass lens optics.
· High power factor, low THD driver with 6kV/3kA surge protection.
    Optional 20kV/10kA surge protector available.
· 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, Bi-Level Dimming, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-331060-UNV-0-10VDIM-YK-850-LD-120V-T3-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Mounting	Color Temp	Accessories	Optics	Color
LED-331= Flood	**040** = 40 W **060** = 60 W **080** = 80 W	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC **24VDC** = 24 VDC	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Motion Sensor ** Contact Factory for dimming options	**SF** = Slip Fitter **YK** = Yoke Bracket	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD-120V** = Photocell 120V Operation **LD-277V** = Photocell 277V Operation **MD** = Motion Sensor ON/OFF **SP** = 20kV/10kA surge protector	**T3** = NEMA 7 x 7 **T5** = NEMA 5 x 5	**BRZ** = Bronze * Custom Colors Available

PROUDLY MADE IN AMERICA
WITH DOMESTIC AND IMPORTED MATERIALS

RoHS
LEAD FREE COMPLIANT

*light*innovations@*work*™

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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-331040-UNV	LED Flood Fixture	40	42	4,800	120-277	0.35 - 0.15	<20%	>0.90	15 lbs.
LED-331060-UNV	LED Flood Fixture	60	62	7,200	120-277	0.52 - 0.22	<20%	>0.90	15 lbs.
LED-331080-UNV	LED Flood Fixture	80	82	9,600	120-277	0.69 - 0.30	<20%	>0.90	15 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 .... 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
- Optics IP Rating IP68
- Driver IP Rating IP67
- Warranty .... 5 Year
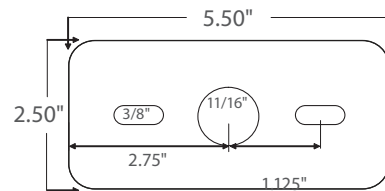
MOUNTING OPTIONS

Slip Fitter (SF)
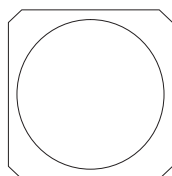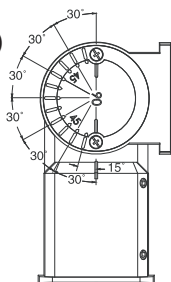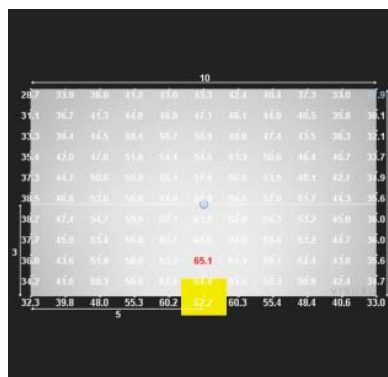

2-1/2" I.D.
Accepts up to 2-3/8"
Tenon or Pipe

Yoke Bracket (YK)

5.50"
2.50"
3/8"
11/16"
2.75"
1.125"
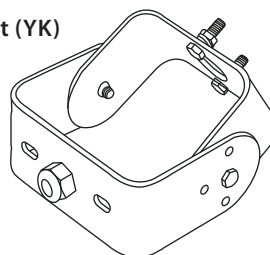
PHOTOMETRICS (See Complete IES File)
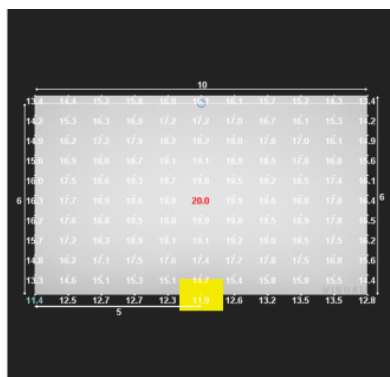
NEPTUN LIGHT, INC.
LED-331080-UNV-850-T3

NEMA Beam = 7 x 7
Wattage = 80w
Lumens = 8,916
Sign Dimension = 10'W x 6'H
Setback = 10'
Tilt = 120°

NEPTUN LIGHT, INC.
LED-331080-UNV-850-T5

NEMA Beam = 5 x 5
Wattage = 80w
Lumens = 8,916
Sign Dimension = 10'W x 6'H
Setback = 10'
Tilt = 120°