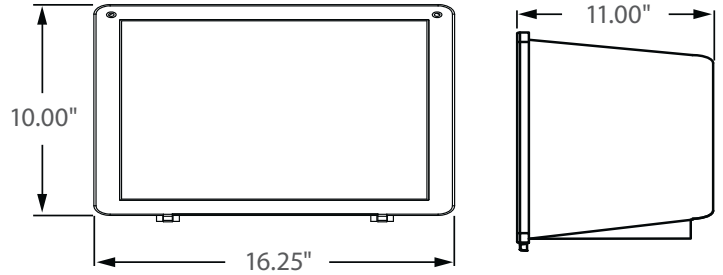




**** AVAILABLE ****

Bi-Level Dimming
100% 50%

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-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



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PRODUCT INFORMATION

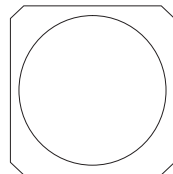
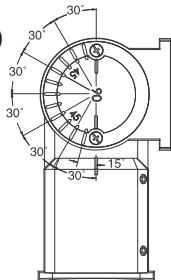
Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-331040-UNV	LED Flood Fixture	40	42	4,800	120-277	0.35 - 0.15	<20%	>0.90	15 lbs.
LED-331060-UNV	LED Flood Fixture	60	62	7,200	120-277	0.52 - 0.22	<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

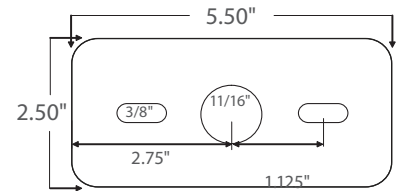
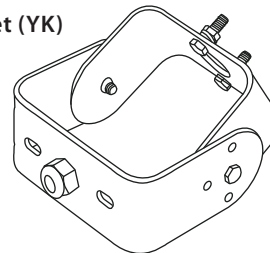
MOUNTING OPTIONS

Slip Fitter (SF)

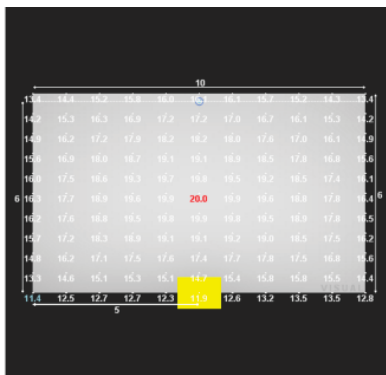


2-1/2" I.D.
Accepts up to 2-3/8" Tenon or Pipe

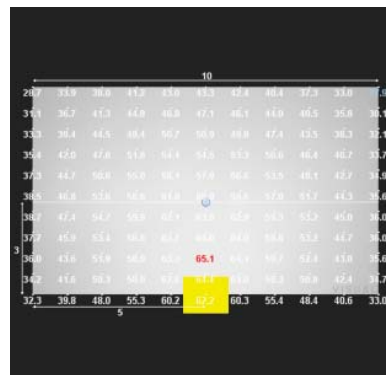
Yoke Bracket (YK)



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°

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.
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Spec. Rev. 7-2016