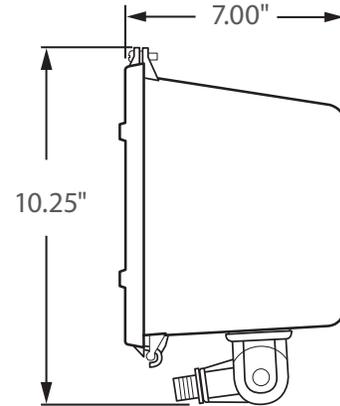




**\*\* AVAILABLE \*\***  
**0 - 10V**  
FULL DIMMING



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. The LED-64 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 100 Watts.

## APPLICATION

- Building Accent Lighting
- Landscape Lighting
- Security 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 1/2" NPT mounting arm included.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- High Output COB LED's with borosilicate 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, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

## ORDERING INFORMATION

Sample Number: LED-65040-UNV-0-10VDIM-850-LD-120V-BRZ  
Custom options and accessories available. Please consult factory

| Series         | Wattage                  | Voltage   | Options  | Color Temp   | Accessories  | Color                                       |
|----------------|--------------------------|---|--|--|--|---|
| LED-65 = Flood | 020 = 20 W<br>040 = 40 W | UNV = 120-277 VAC<br>347V = 347 VAC<br>480V = 480 VAC<br>24VDC = 24 VDC | 0-10VDIM = 0-10V Dimming<br>** Contact Factory for dimming options | 835 = 3500°K<br>841 = 4100°K<br>850 = 5000°K *<br>* Standard | LD-120V = Photocell 120V<br>LD-277V = Photocell 277V<br>SP = 20kV/10kA surge protector | BRZ = Bronze ■<br>* Custom Colors Available |



lightinnovations@work™

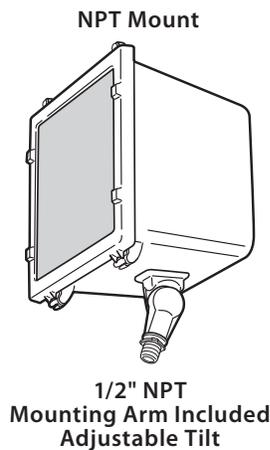
## PRODUCT INFORMATION

| Model No.     | Description       | Rated Watts | Input Watts | Delivered Lumens | Universal Line Voltage (VAC) | Max Line Current (Amp) @ 120 - 277 | THD  | Power Factor | Weight |
|---------------|-------------------|-------------|-------------|------------------|------------------------------|------------------------------------|------|--------------|--------|
| LED-65020-UNV | LED Flood Fixture | 20          | 21          | 2,400            | 120-277                      | 0.17 - 0.07                        | <20% | >0.90        | 5 lbs. |
| LED-65040-UNV | LED Flood Fixture | 40          | 42          | 4,800            | 120-277                      | 0.34 - 0.15                        | <20% | >0.90        | 5 lbs. |

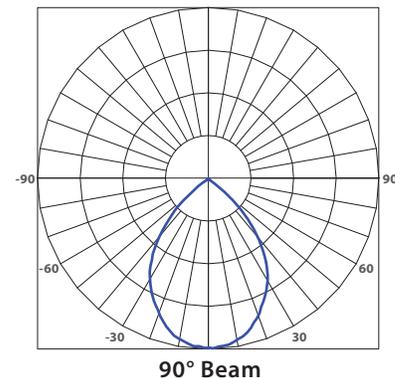
## SPECIFICATIONS

- 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



## PHOTOMETRICS (See Complete IES File)



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.  
©2002-2016 Neptun Light, Inc. All rights reserved.

Spec. Rev. 7-2016