

Incredible **100,000 hrs**

### GENERAL DESCRIPTION

Neptun's 15" cone Induction canopy fixture with battery backup system features classic design and durability to be used in new construction or retrofit applications. The 13 series canopy fixture features excellent optics for increased visibility and security with horizontal and vertical footcandles to evenly illuminate parking garages. The 40W battery backup system allows up to 90 minutes of emergency operation. It can replace existing HID & HPS canopy or parking garage fixtures up to 250 Watts.

### APPLICATION

- Parking Garage Lighting
- Canopy Lighting
- Gas Station Lighting
- Indoor Lighting
- Storage Lighting
- Security Lighting

### STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- High efficiency, heat and impact resistant, UV protected, non yellowing polycarbonate lens / refractor.
- Custom designed anodized aluminum reflectors for superior illuminance.
- Corrosion resistant electrocoat dark bronze finish (custom colors available).
- Continuous silicone gasketing surrounds lens for weather - tight seal.
- Inductively coupled circular induction bulb.
- High power factor, low THD electronic ballast with surge protection.
- 40W battery backup induction bulb with automatic instant start system.
- Ni-Cad battery system with 24VDC operation.
- Separate surface mount cast aluminum battery system gear box.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High quality glare-free light with high CRI above (83).
- Bright white light (5000°K) for greater visibility and safety.
- Up to 20 year maintenance free operation.
- 10 Year Warranty.

### ORDERING INFORMATION

Sample Number: 13080-UNV-40BB-120V-850-LD-120V-BRZ  
 Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	System	CCT	Accessories	Color
13 = 15" Conical Canopy	080 = 80 W 100 = 100 W	UNV = 120-277 VAC 347V = 347 VAC 480V = 480 VAC	40BB-120V = 40W Battery Backup - 120V 40BB-277V = 40W Battery Backup - 277V	830 = 3000°K 841 = 4100°K 850 = 5000°K* * Standard	LD-120V = Photocell for 120V LD-277V = Photocell for 277V MD = Motion Sensor Detector	BRZ = Dark Bronze * Custom Colors Available



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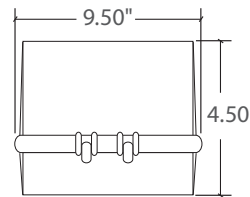
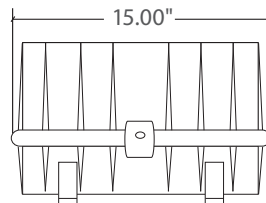
### PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
13080-UNV	15" Cone Canopy Fixture	80	82	6,400	120-277	0.69-0.30	<10%	0.98	10 lbs
40BB	40W Battery Backup	40	41	3,200	120 or 277	0.36 / 0.15	<10%	0.98	15 lbs
13100-HYB-UNV	15" Cone Canopy Fixture	100	105	8,000	120-277	0.87-0.37	<10%	0.98	10 lbs
40BB	40W Battery Backup	40	41	3,200	120 or 277	0.36 / 0.15	<10%	0.98	15 lbs

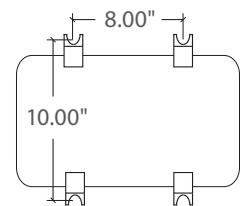
### SPECIFICATIONS

- Ballast Type ..... Electronic
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Lamp Operating Frequency ..... 250 kHz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- ANSI Surge Protection ..... Class A
- Lamp / Ballast System Life ..... 100,000 Hrs.
- Lumen Maintenance @75,000Hrs ..... > 70%
- Color Temperature ..... 5000°K
- Color Rendering Index (CRI) ..... 83
- Minimum Starting Temperature ..... -20°F
- Maximum Starting Temperature ..... 160°F
- Lumens per Watt ..... 80
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.98
- Total Harmonic Distortion ..... < 10%
- Inrush Current Peak ..... < 10 Amp
- ETL Listed / UL Standard 1598 ..... Yes
- FCC Compliance ..... Part 18, Subp. C
- IP Rating ..... IP65
- Warranty ..... 10 Year

### BATTERY BACKUP SYSTEM

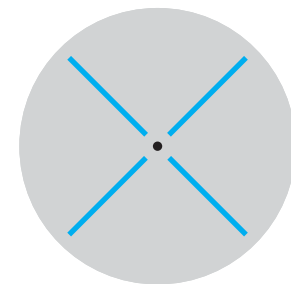
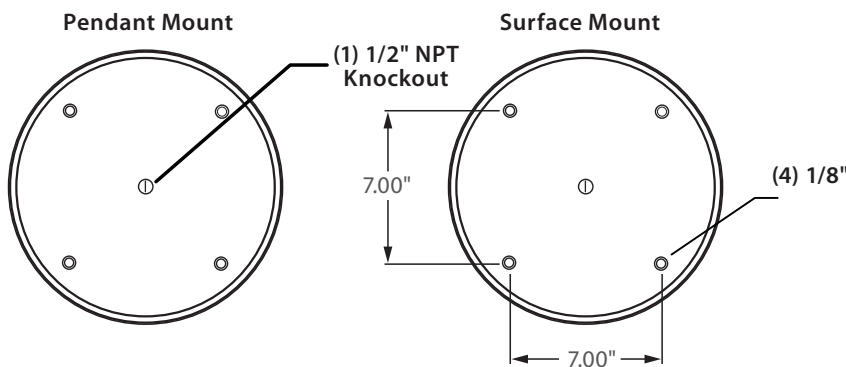


Surface Mount



### MOUNTING OPTIONS

### PHOTOMETRICS (See Complete IES File)



Type V Distribution

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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