Emergency Battery Backup

9.00"

9.00"

(40w) 18.00"
(20w) 14.00"

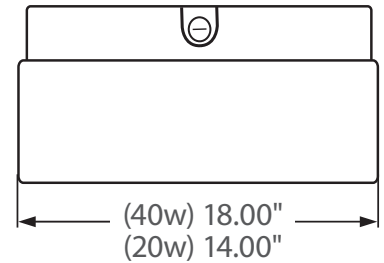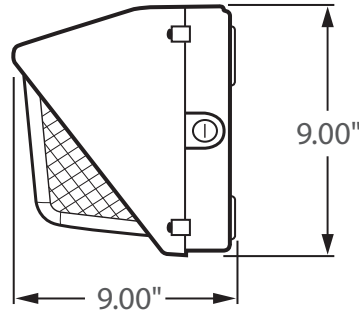## Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's LED Flood type Wall Pack fixtures feature classic form and durability to make it an excellent choice for new construction or retrofit applications. LED-21 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 250 Watts. 90min Emergency Battery Backup system included.

APPLICATION

· Building Accent Lighting
· Landscape Lighting
· Security Lighting
· Parking Lot Lighting
· Area Lighting
· Storage Area Lighting
· Stairwell Lighting
· Passageway Lighting

STRUCTURE, MATERIALS, & FEATURES

· Heavy-gauge, die-cast aluminum housing.
· Heat and impact resistant borosilicate glass lens.
· Corrosion resistant electrocoat dark bronze finish (custom colors available).
· Hinged aluminum door frame incorporates stainless steel hardware.
· Continuous silicone gasket surrounds lens for weather - tight seal.
· 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 20 years Maintenance free operation.
· 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
· **90min Emergency Battery Backup system during power outages.**

ORDERING INFORMATION

Sample Number: LED-21040FLD-UNV-EM-BB-850-LD-120-BRZ
Custom options and accessories available. Please consult factory

Series	Wattage	Lens	Driver System	Color Temp	Accessories	Color
LED-21 = Wall Pack	**020** = 20 W **040** = 50 W	**FLD** = Flood Type	**UNV-EM-BB** = 120-277 VAC w/ Emergency Battery Backup System (90 Min.)	**830** = 3000°K **835** = 3500°K **841** = 4100°K **850** = 5000°K **AMB** = Amber (585-595nm)	**LD-120V** = Photocell 120VAC **LD-277V** = Photocell 277VAC **MD** = Motion Sensor **SP** = 20kV/10kA surge protector	**BRZ** = Bronze * Custom Colors Available

PROUDLY MADE IN AMERICA
WITH DOMESTIC AND IMPORTED MATERIALS

RoHS COMPLIANT

ETL LISTED c US

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PRODUCT INFORMATION

Model No.	Description	Imput Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-21020FLD-UNV	Wall Pack - EM	21	2,400	120-277	0.22 - 0.08	<15%	>0.95	12 lbs
EM-BB	5w Battery Backup	5.2	582					
LED-21040FLD-UNV	Wall Pack - EM	41	4,600	120-277	0.48 - 0.20	<15%	>0.95	20 lbs
EM-BB	10w Battery Backup	10.2	1,140					

SPECIFICATIONS

- Driver .... Constant Current
- Start Method .... InstantON
- Hot Re-start .... InstantON
- 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 .... Multiple (± 300°K)
- Color Rendering Index (CRI) .... > 80

- Minimum Starting Temperature .... -40°C
- Maximum Starting Temperature .... +50°C
- Lumens per Watt .... > 110
- Shock / Vibration Resistant .... Yes
- Power Factor .... > 0.95
- Total Harmonic Distortion .... < 15%
- Inrush Current Peak .... < 10 Amp
- FCC Compliance .... Part 15, Subp. C
- ETL Listed / UL Standard 1598 .... Yes
- Housing IP Rating IP65
- Driver IP Rating IP67
- Warranty .... 5 Year

SPECIFICATIONS (EMERGENCY BACKUP)

- LED Driver .... Constant Current
- 5w Output Current 500mA
- 15w Output Current 1200mA
- Output Voltage 40VDC
- Ta .... 40°C

- Tc .... 70°C
- Emergency Time .... 90 mins.
- Charging Time .... ≥24 hours

MOUNTING OPTIONS

(3) 5/16"   (1) 1/2" NPT

(20w) 13.00"
(40w) 17.00"
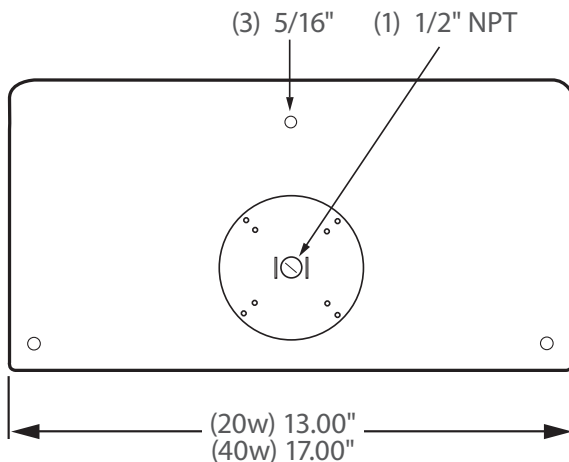
PHOTOMETRICS (See Complete IES File)
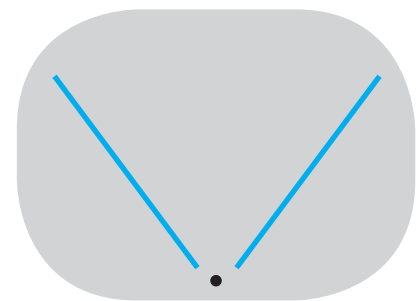
Type IV Distribution

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