Emergency Battery Backup

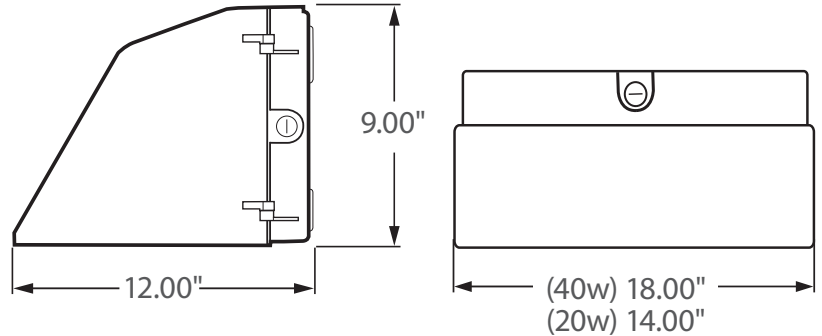9.00"

12.00"

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

DLC QPL LISTED

Dark Sky FRIENDLY

Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

Incredible **100,000** hrs

GENERAL DESCRIPTION

Neptun's LED Full Cut-Off 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 150 Watts.

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 flat 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 15 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-21040FCT-UNV-EM-BB-850-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** = 40 W	**FCT** = Full Cut-Off	**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 LEAD FREE COMPLIANT

ETL c LISTED us INTERTEK

*light*innovations@work™

PRODUCT INFORMATION

Model No.	Description	Imput Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-21020SCT-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-21040SCT-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"
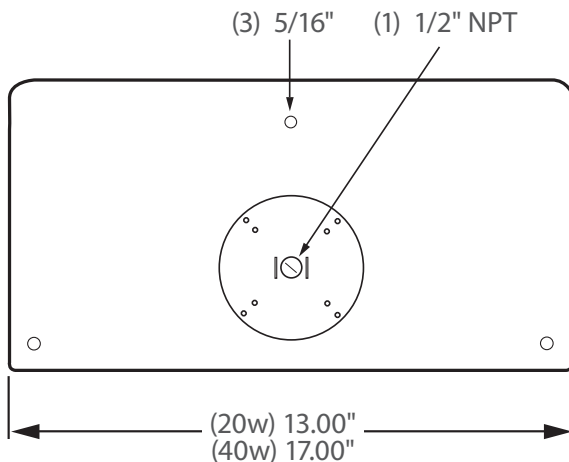
PHOTOMETRICS (See Complete IES File)
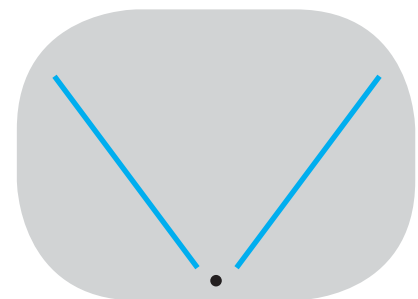
Type IV Distribution

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