NEPTŪN
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Solar Compatible LED
18" WALL PACK - FULL CUT-OFF FIXTURES
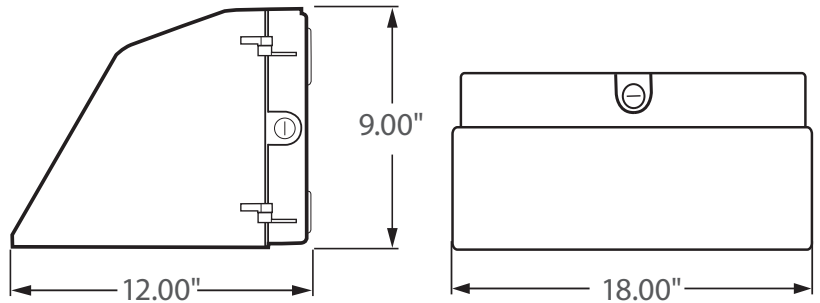
24VDC OPERATION

9.00"

12.00"

18.00"

Dark Sky
FRIENDLY

Incredible OFF GRID Operation

GENERAL DESCRIPTION

Neptun's 18" Full Cut-Off Type Wall Pack fixtures feature classic form and durability to make it an excellent choice for new construction or retrofit applications. Neptun's LED Wall Pack fixtures feature a bright white 5000°K color temperature for increased safety and security. The 24 Volt DC driver allows for compatible use with Solar or Wind powered systems. It can replace existing HID fixtures up to 250 Watts.

APPLICATION

·   Solar Building Accent Lighting
·   Solar Landscape Lighting
·   Solar Security Lighting
·   Solar Parking Lot Lighting
·   Solar Area Lighting
·   Solar Storage Area Lighting

STRUCTURE, MATERIALS, & FEATURES

·   Heavy-gauge, die-cast aluminum housing.
·   Custom designed anodized aluminum reflectors for superior illuminance.
·   Silicone potted heat sink for increased life.
·   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 gasketing surrounds lens for weather - tight seal.
·   Correlated Color Temperature of 5000°K for greater visibility and safety.
·   40 PCS High Output LED's
·   High power factor, 24 Volt DC driver.
·   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)

ORDERING INFORMATION

Sample Number: LED-21080FCT-24VDC-750-LD-BRZ
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Type	Voltage	Color Temp	Accessories	Color
LED	**21** = Wall Pack	**080** = 80W **100** = 100W	**FCT** = Full Cut-Off	**24VDC** = 24 VDC	**735** = 3500°K **741** = 4100°K **750** = 5000°K * *** Standard**	**LD** = Photocell /Light Detector **MD** = Motion Sensor Detector	**BRZ** = Dark Bronze *** Custom Colors** available

LEAD FREE
RoHS
COMPLIANT

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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Input Line Voltage (VDC)	Max Line Current (Amp)	Power Factor	Weight
LED-21080FCT-24VDC	Wall Pack - Full Cut-Off	80	82	6,000	24	3.49	>0.98	20 lbs
LED-2100FCT-24VDC	Wall Pack - Full Cut-Off	100	102	7,000	24	4.37	>0.98	20 lbs

SPECIFICATIONS

- LED Driver .... Constant Current
- Power Supply 350mA
- Start Method .... InstantON
- Hot Re-start .... InstantON
- Input Line Voltage .... 24 VDC
- Input Line Frequency .... 50/60 Hz
- Driver Off-State Draw .... 0 Watts
- Sound Rating .... Class A
- LED / Driver System Life .... 70,000 Hrs.
- Lumen Maintenance @50,000Hrs .... > 70%
- Color Temperature .... 5000°K

- Color Rendering Index (CRI) .... > 70
- Minimum Starting Temperature .... –40°C
- Maximum Starting Temperature .... 50°C
- Lumens per Watt .... > 70
- Power Factor .... > 0.98
- Shock / Vibration Resistant .... Yes
- ETL Listed / UL Standard 1598 .... Yes
- FCC Compliance .... Part 18, Subp. C
- IP Rating IP65
- Warranty .... 5 Year

MOUNTING OPTIONS

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

18.00"
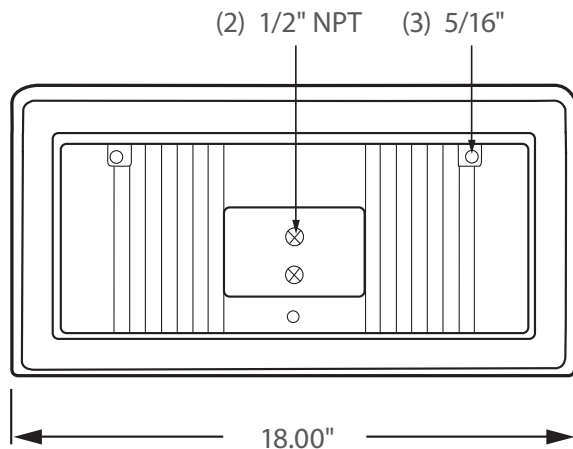
PHOTOMETRICS (See Complete IES File)
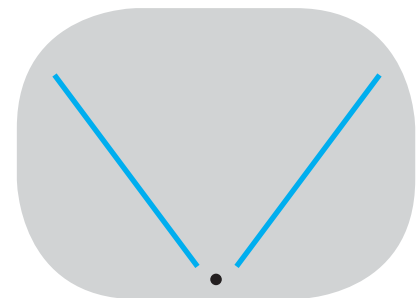
Type IV Distribution

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