NEPTUN
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Solar Compatible LED
AD-BULLETIN™ - BILLBOARD FIXTURES

24VDC OPERATION

85.50"

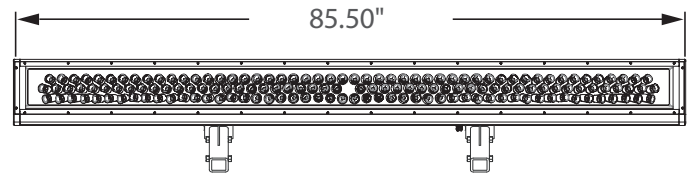## UP TO 75% ENERGY SAVINGS

Incredible OFF GRID Operation

GENERAL DESCRIPTION

Neptun's Ad-Bulletin™ LED billboard fixtures combine architectural form and patented design to make it an excellent choice for retrofit or new billboard applications. The 150 PCS, High Output LED's, and custom engineered optics, provide highly uniform illumination of various billboard sizes. The 24 Volt DC driver allows for compatible use with Solar or Wind powered systems. It can replace existing HID billboard fixtures up to 400W.

APPLICATION
· 48'W x 15'H Billboard Requires 2 Units

STRUCTURE, MATERIALS, & FEATURES
· Heavy-gauge, die-cast aluminum housing with cooling fins.
· Corrosion resistant electrocoat gray finish (custom colors available).
· Slim, state of the art, low profile design for minimum wind load resistance.
· Heat and impact resistant tempered flat glass lens.
· Continuous silicone gasketing surrounds lens for IP67 weather tight seal.
· 1-1/2" I.D. Slip Fitter Accepts up to 1-1/4" Pipe or Tenon. (hardware included)
· Correlated Color Temperature of (5000°K) for greater visibilty.
· High power factor, low THD 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-84175-750-24VDC
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Color Temp	Voltage
LED = LED	**84** = Billboard Fixture	**175** = 175 W	**750** = 5000°K	**24VDC** = 24 VDC

RoHS COMPLIANT
LEAD FREE

lightinnovations@work™

PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Input Line Voltage (VDC)	Max Line Current (Amp)	Power Factor	Weight
LED-84175	LED Billboard Fixture	175	177	14,000	24	7.34	>0.98	50 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 .... -35°C
- Maximum Starting Temperature .... 40°C
- Lumens per Watt .... > 70
- Power Factor .... > 0.98
- Shock / Vibration Resistant .... Yes
- FCC Compliance .... Part 18, Subp. C
- IP Rating IP67
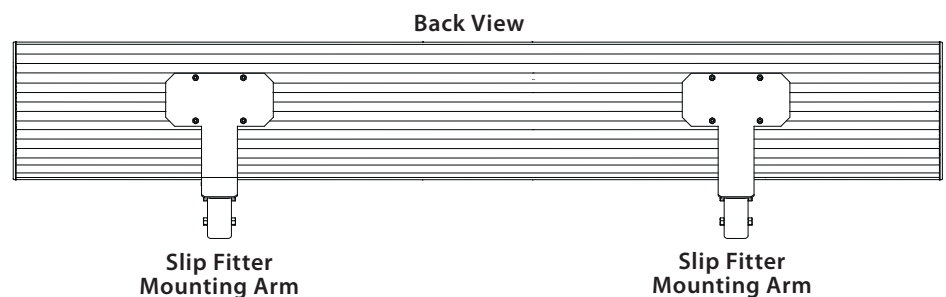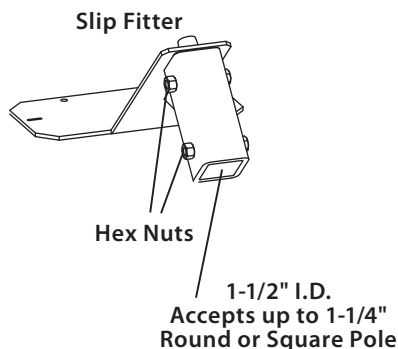- Warranty .... 5 Year

48' x 15' BILLBOARD

- (2) Ad-Bulletin Units
- (4) Solar Panels
- (2) Battery Systems

FOR BEST RESULTS

- Fixtures should be mounted at least 6 ft. from the surface of the board
- Fixtures should be mounted at least 1 ft. from the bottom or top of the board

MOUNTING OPTIONS

Slip Fitter

Hex Nuts

1-1/2" I.D. Accepts up to 1-1/4" Round or Square Pole

Back View

Slip Fitter Mounting Arm

Slip Fitter Mounting Arm

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