UP TO 75% ENERGY SAVINGS

Dark Sky FRIENDLY

When Mounting From Top of Billboard

85.50"

Incredible 100,000 hrs

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. It can replace existing HID billboard fixtures up to 400W.

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

STRUCTURE, MATERIALS, & FEATURES
· Heavy-gauge, die-cast aluminum housing.
· LED engine design with Advanced Thermal Management.
· Corrosion resistant electrocoat gray finish.
· 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 visibility.
· High Output LED's.
· High power factor, low THD driver with 6kV/3kA surge protection.
· InstantON flicker-free Cold Start and Hot Re-Start.
· Up to 15 years maintenance-free operation.
· 5 Year Limited Warranty on complete fixture. (LED's, Driver, & Housing)

ORDERING INFORMATION

Sample Number: LED-84175-UNV-850
Custom options and accessories available. Please consult factory.

Source	Series	Wattage	Voltage	Color Temp.
LED = LED	**84** = Billboard Fixture	**175** = 175 W	**UNV** = 120-277 VAC	**850** = 5000°K

PROUDLY MADE IN AMERICA WITH DOMESTIC AND IMPORTED MATERIALS

RoHS LEAD FREE COMPLIANT

*light*innovations@**work**™

PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-84175-UNV	LED Billboard Fixture	175	177	15,750	120-277	1.53 - 0.66	<20%	>0.90	50 lbs

SPECIFICATIONS

- Driver .... Constant Current
- Start Method .... InstantON
- Hot Re-start .... InstantON
- Power Supply 350mA
- Driver UL Rating .... Class 1
- Driver UL Outdoor Rated .... Wet Location
- Sound Rating .... Class A
- ANSI Surge Protection .... IEEE C62.41 C High
- Inrush Current Peak .... < 10 Amp
- Current Crest Factor .... 1.5 maximum
- Load Regulation: 5% output current variation across load range
- Line Regulation: 1% output voltage variation across voltage range
- Driver Off-State Draw .... 0 Watts
- Vibration Compliance 3G

- Universal Input Line Voltage .... 120-277 VAC
- Input Line Frequency .... 50/60 Hz
- Projected (L70) @ 25°C .... > 100,000 hrs.
- Color Temperature .... 5,000°K
- Color Rendering Index (CRI) .... > 80
- Minimum Starting Temperature .... -40°C
- Maximum Starting Temperature .... +50°C
- Lumens per Watt .... > 90
- Power Factor .... > 0.90
- Total Harmonic Distortion .... < 20%
- FCC Compliance .... Part 15, Subp. C
- IP Rating IP67
- Warranty .... 5 Year Limited
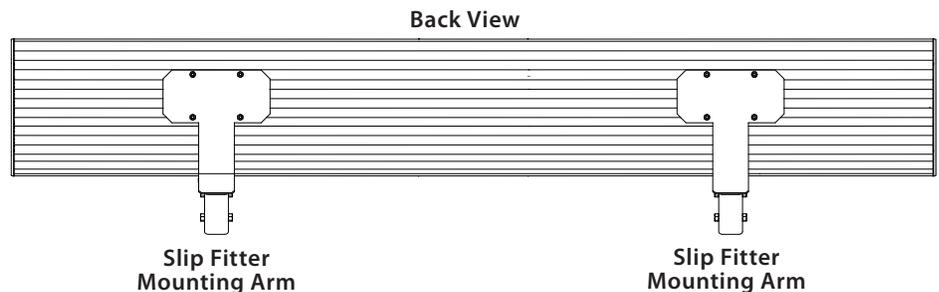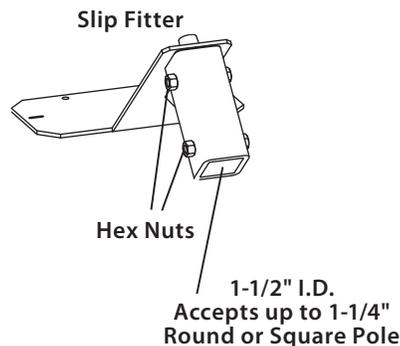

48' x 15' Billboard

(2) Ad-Bulletin Units

FOR BEST RESULTS

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

Spec. Rev. 7-2018

service@neptunlight.com   www.NeptunLight.com   888.735.8330