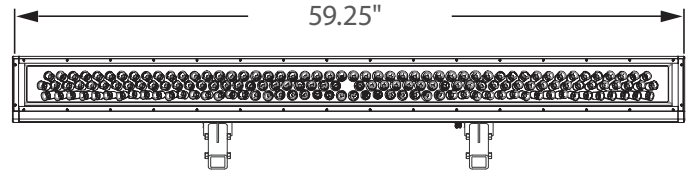


UP TO 75% ENERGY SAVINGS



When Mounting From
Top of Billboard

Incredible 100,000 hrs

GENERAL DESCRIPTION

Neptun's Ad-Poster™ II LED billboard fixtures combine architectural form and patented design to make it an excellent choice for retrofit or new billboard applications. The 100 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

- 24'W x 15'H Billboard Requires 1 Unit
- 36'W x 15'H Billboard Requires 2 Units
- 48'W x 15'H Billboard Requires 3 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 Warranty on complete fixture. (LED's, Driver, & Housing)

ORDERING INFORMATION

Sample Number: LED-84120-UNV-850
Custom options and accessories available. Please consult factory

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



lightinnovations@work™

PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp)	THD	Power Factor	Weight
LED-84120-UNV	LED Billboard Fixture	120	122	10,800	120-277	1.05 - 0.45	<20%	>0.90	35 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



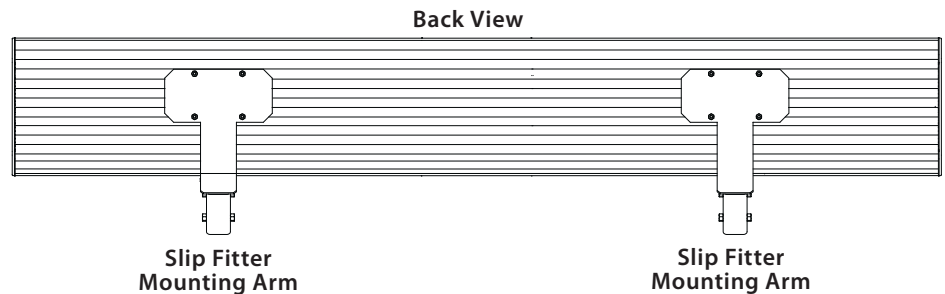
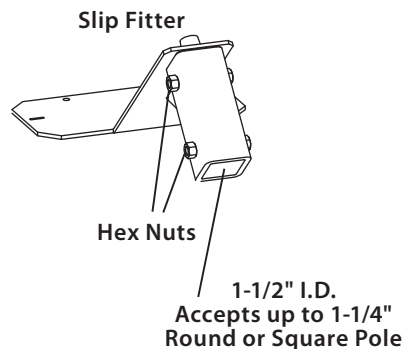
36' x 15' Billboard

(2) Ad-Poster II Units

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



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

Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.
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Spec. Rev. 7-2016