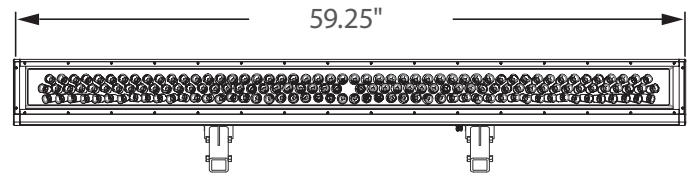


## 24VDC OPERATION



## UP TO 75% ENERGY SAVINGS

## Incredible OFF GRID Operation

### 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. 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

- 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 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 visibility.
- 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-84085-750-24VDC  
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Color Temp	Voltage
LED = LED	84 = Billboard Fixture	085 = 85 W 120 = 120 W	750 = 5000°K	24VDC = 24 VDC



## PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Input Line Voltage (VDC)	Max Line Current (Amp)	Power Factor	Weight
LED-84085	LED Billboard Fixture	85	87	6,800	24	3.71	>0.98	35 lbs
LED-84120	LED Billboard Fixture	120	122	9,000	24	5.25	>0.98	35 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



### 36' x 15' BILLBOARD

- (2) Ad-Poster II Units
- (2) Solar Panels
- (1) Battery System

### 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

