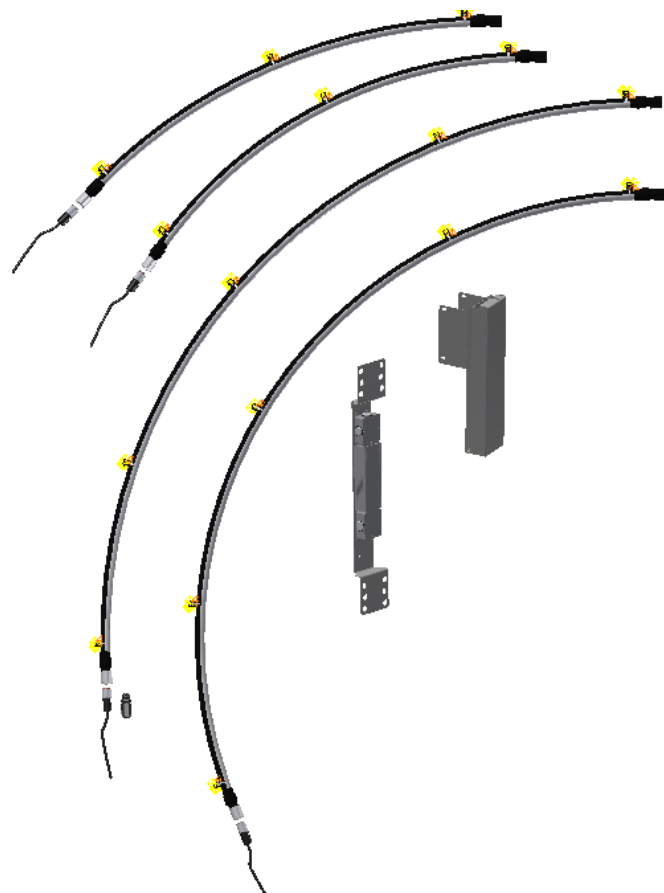




Models - 37000 LED Light Tube Installation

Page 2	Product Information
Page 3	Specifications
Page 4	Important Safety Instructions
Page 5-6	Product Dimensions
Page 7	LED Light Tube to Arch Installation
Page 8	Wiring of Power Supply 48VDC only
Page 9	Maintenance



# **PRODUCT INFORMATION**

Please take a moment to fill out the information below in order to aid us with any future sales or service inquiries. Model number and serial number information can be found on the power supply decal. Key number can be found on the packaging or order. There may be more than one key number depending on unit.

**Please keep this information with your records.**

**MODEL#:**\_\_\_\_\_

**POWER SUPPLY SERIAL#:**\_\_\_\_\_

**KEY NUMBER(S):**\_\_\_\_\_

**DATE PURCHASED:**\_\_\_\_\_

**DISTRIBUTOR:**\_\_\_\_\_

**J.E. Adams Industries  
1025 63rd Ave. S.W.  
Cedar Rapids, IA 52404  
1-800-553-8861  
[www.jeadams.com](http://www.jeadams.com)**

## Specifications

### **48" LED Light tube 120V**

Unit specifications: 35000-58HV-4, (base part # 35000-57-4HV)  
Voltage/Amps: Input: 120vac, .150A, 60hz (277Vac available)  
Wattage/ Lumens: 18 Watts / 2400 Lumens (color temp, 50K)

### **70" LED Light tube 120V**

Unit specifications: 35000-58HV-6, (base part # 35000-57-6HV)  
Voltage/Amps: Input: 120vac, .225A, 60hz (277Vac available)  
Wattage/ Lumens: 27 Watts / 3600 Lumens (color temp, 50K)

### **92" LED Light tube 120V**

Unit specifications: 35000-58-4A , 35000-58-4AS, 35000-58-4AF (base part # 35000-57-4)  
Voltage/Amps: Input: 120vac, .300A, 60hz (277Vac available)  
Wattage/ Lumens: 36 Watts / 4800 Lumens (color temp, 50K)

### **48" LED Light Tube 48VDC**

Unit specifications: 35000-58-4A , 35000-58-4AS, 35000-58-4AF (base part # 35000-57-4)  
Voltage: Input (requires power supply): 48VDC  
Wattage/ Lumens: 29 Watts / 4000 Lumens (color temp, 50K)  
Other single color lights available.

### **92" LED Light Tube 48VDC**

Unit specifications: 35000-58-8A , 35000-58-8AS, 35000-58-8AF  
Voltage: Input (requires power supply): 48VDC  
Wattage/ Lumens: 59 Watts / 8000 Lumens (color temp, 50K)

### **80 watt DC Power Supply**

Assembly specifications: 35000-59-80A or 35000-59-80AS (assemblies)  
Unit specifications: 35000-57-80WPS (power supply alone)  
Voltage: Input: 120-277vac, 60hz (80 Watt Power Supply.) Output: 48VDC  
Amperage: 1.6 amps @48VDC, .85 amps @120Vac, .43 amps @ 230Vac

### **240 watt DC Power Supply**

Assembly specifications: 35000-59-240A (assembly)  
Unit specifications: 35000-57-240WPS (power supply alone)  
Voltage: Input: 120-277vac, 60hz (240 Watt Power Supply.) Output: 48VDC  
Amperage: 5 amps @48VDC, 4.0 amps @120Vac, 2 amps @ 230Vac

Direct wire lights,  
no power supply

Low voltage lights,  
require power supply

# IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

## READ ALL INSTRUCTIONS BEFORE USING (THIS APPLIANCE)

### WARNING – To reduce the risk of fire, electric shock, or injury:

- Use only as described in manual. Use only manufactures recommended, do not overload power supply.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Do not use near flammable or combustible liquids, such as gasoline, or use in areas where they may be present.

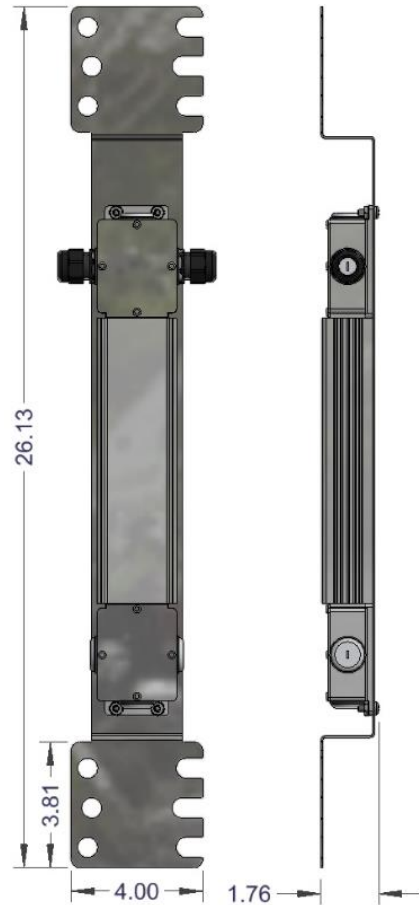
SAVE THESE INSTRUCTIONS



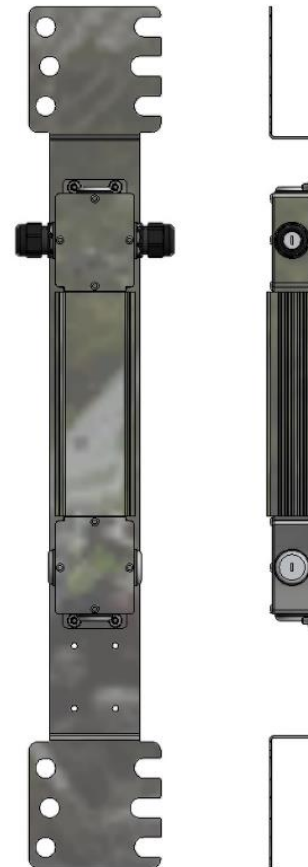
- **Installation Instructions:**
- Determine location to mount unit (“**DANGER**” “**THIS EQUIPMENT INCORPORATES PARTS SUCH AS SWITCHES THAT TEND TO PRODUCE ARCS OR SPARKS THAT CAN CAUSE AN EXPLOSION. WHEN LOCATED IN GASOLINE-DISPENSING AND SERVICE STATIONS INSTALL AND USE AT LEAST 20 FEET (6 M) HORIZONTALLY FROM THE EXTERIOR ENCLOSURE OF ANY DISPENSING PUMP AND AT LEAST 18 INCHES (450 MM) ABOVE A DRIVEWAY OR GROUND LEVEL.**”
- Run electrical service to that location (*NOTE POWER SUPPLY HAS JUNCTION BOX PROVIDED FOR ELECTRICAL CONNECTIONS*)
- **Grounding Instructions:** This appliance must be connected to a grounded metal, permanent wiring system; or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance.
- All local and national electric codes must be followed for installation and use.
- Licensed electricians are recommended for installation.

## PRODUCT DIMENSIONS

### Power supply assemblies for 48VDC lights only



240 W Power  
Supply assembly  
35000-59-240A



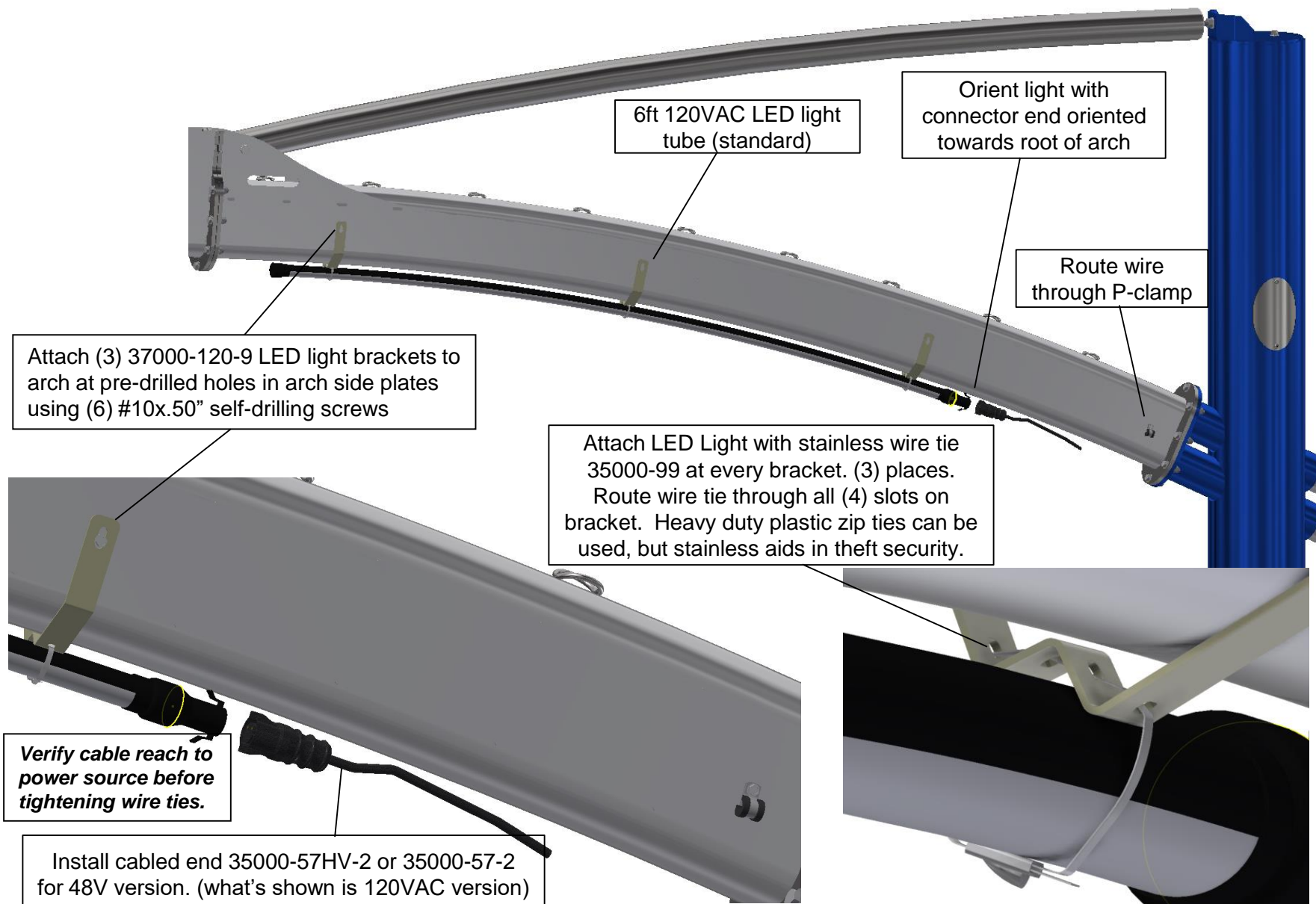
80 W Power  
Supply assembly  
35000-59-80A

## PRODUCT DIMENSIONS



All LED lights will come straight and will need very subtle bend to fit underside of arch. This is extremely easy to do over one's knee. Bend in small increments to roughly match curve in arch.

## Installation of LED Light Tube to 37000 Series Arch (120VAC)



## LED Lights with Power Supply on Central Vac Stanchions 37000 Series (48VDC)

All variations of LED light tubes supplied will mount same way as show on previous page.

**VERIFY CABLE REACH BEFORE  
TIGHTENING LED LIGHT CABLE TIES**

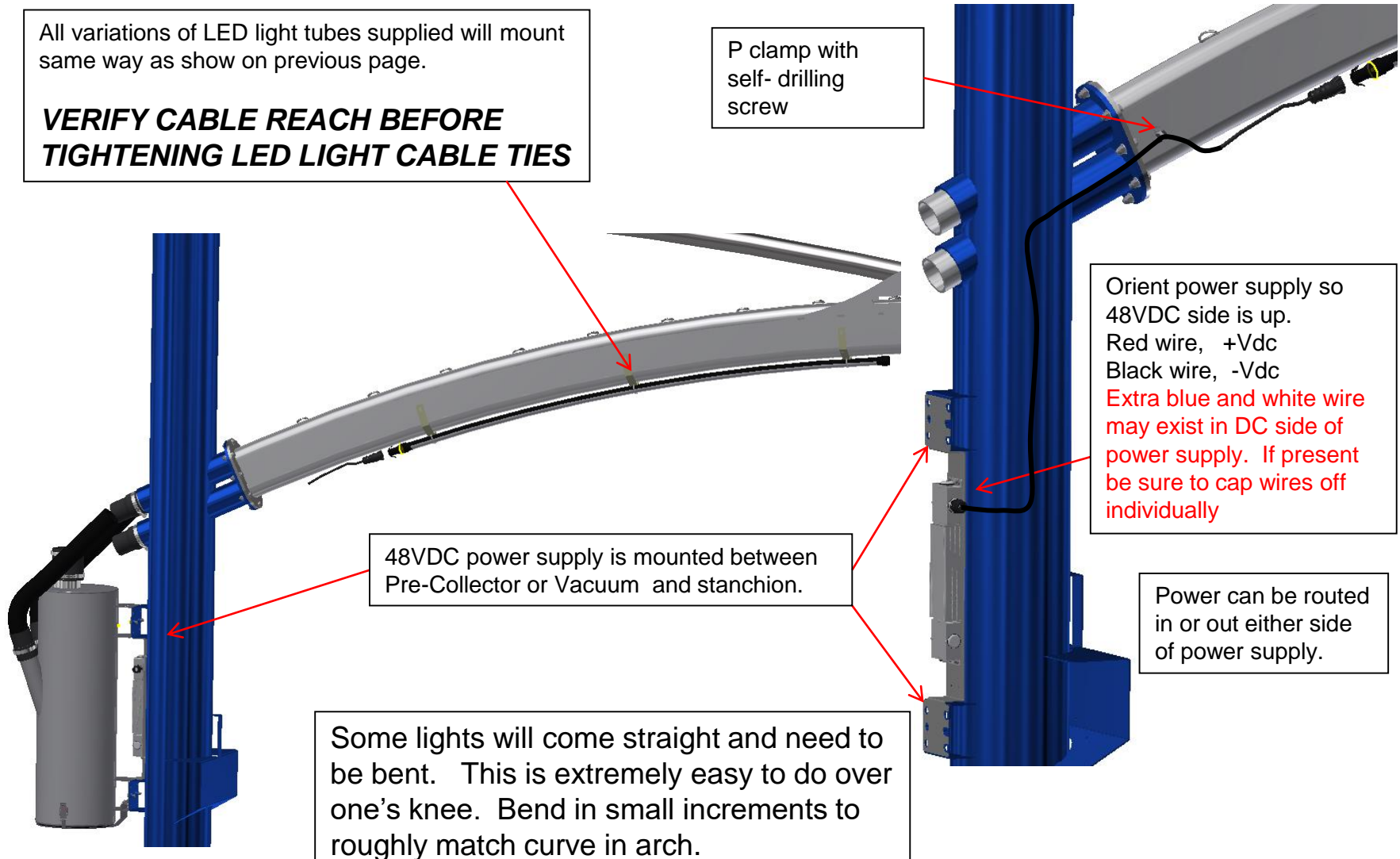
P clamp with  
self- drilling  
screw

Orient power supply so  
48VDC side is up.  
Red wire, +Vdc  
Black wire, -Vdc  
**Extra blue and white wire  
may exist in DC side of  
power supply. If present  
be sure to cap wires off  
individually**

48VDC power supply is mounted between  
Pre-Collector or Vacuum and stanchion.

Power can be routed  
in or out either side  
of power supply.

Some lights will come straight and need to  
be bent. This is extremely easy to do over  
one's knee. Bend in small increments to  
roughly match curve in arch.





### **Lighting Operating Instructions:**

- 1) Read safety instructions on previous pages.
- 2) Customer to decide if lights are operated from switch, timer or light sensor. Controls should be installed by licensed professional.

### **Maintenance:**

- **All servicing of machine should be conducted by an authorized service representative!**
- Periodically inspect electrical wires and connections for wear or fatigue.
- Replacement parts can be ordered through JE Adams or your nearest dealer.

***WHEN PERFORMING MAINTENANCE OR TROUBLE-SHOOTING, TURN POWER OFF! QUALIFIED PERSONNEL ONLY!***

