



# L-862 & L-862E High Intensity Elevated Runway Edge Light

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## Warranties

Products of Siemens Airfield Solutions manufacture are guaranteed against mechanical, electrical, and physical defects (excluding lamps) for a period of one year from the date of installation or a maximum of two years from the date of shipment and are guaranteed to be merchantable and fit for the ordinary purposes for which such products are made.

Siemens Airfield Solutions will correct by repair or replacement, at its option, equipment or parts which fail because of mechanical, electrical or physical defects, provided that the goods have been properly handled and stored prior to installation, properly installed and properly operated after installation, and provided further that Buyer gives Siemens Airfield Solutions written notice of such defects after delivery of the goods to Buyer.

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## Disclaimers

This manual could contain technical inaccuracies or typographical errors. Siemens Airfield Solutions reserves the right to revise this manual from time to time in the contents thereof without obligation of Siemens Airfield Solutions to notify any person of such revision or change.

Details and values given in this manual are average values and have been compiled with care. They are not binding, however, and Siemens Airfield Solutions disclaims any liability for damages or detriments suffered as a result of reliance on the information given herein or the use of products, processes or equipment to which this manual refers. No warranty is made that the use of the information or of the products, processes or equipment to which this manual refers will not infringe any third party's patents or rights. The information given does not release the buyer from making their own experiments and tests.

# L-862 & L-862E High Intensity Elevated Runway Edge Light

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## 1. Safety

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This section contains general safety instructions for using your Siemens Airfield Solutions equipment. Some safety instructions may not apply to the equipment in this manual. Task- and equipment-specific warnings are included in other sections of this manual where appropriate. Note all warnings and follow all instructions carefully. Failure to do so may result in personal injury, death, or property damage.

To use this equipment safely,

- refer to the FAA Advisory Circular AC 150/5340-26, *Maintenance of Airport Visual Aids Facilities*, for instructions on safety precautions.
- observe all safety regulations. To avoid injuries, always remove power prior to making any wire connections and touching any parts. Refer to FAA Advisory Circular AC 150/5340-26.
- read and become familiar with the general safety instructions provided in this section of the manual before installing, operating, maintaining, or repairing this equipment.
- read and carefully follow the instructions given throughout this manual for performing specific tasks and working with specific equipment.
- store this manual within easy reach of personnel installing, operating, maintaining, or repairing this equipment.
- follow all applicable safety procedures required by your company, industry standards, and government or other regulatory agencies.
- obtain and read Material Safety Data Sheets (MSDS) for all materials used.

## Safety Symbols

Become familiar with the safety symbols presented in this section. These symbols will alert you to safety hazards and conditions that may result in personal injury, death, or property and equipment damage.



**WARNING:** Failure to observe this warning may result in personal injury, death, or equipment damage.



**WARNING:** Risk of electrical shock. Failure to observe this warning may result in personal injury, death, or equipment damage.

**Safety Symbols** (*contd.*)

**WARNING:** Disconnect equipment from line voltage. Failure to observe this warning may result in personal injury, death, or equipment damage.



**WARNING:** Wear safety goggles. Failure to observe may result in serious injury.



**CAUTION:** Failure to observe may result in equipment damage.

**Qualified Personnel**

The term *qualified personnel* is defined here as individuals who thoroughly understand the equipment and its safe operation, maintenance, and repair. Qualified personnel are physically capable of performing the required tasks, familiar with all relevant safety rules and regulations and have been trained to safely install, operate, maintain, and repair the equipment. It is the responsibility of the company operating this equipment to see that its personnel meet these requirements.

**Intended Use**

**WARNING:** Use of this equipment in ways other than described in this manual may result in personal injury, death, or property and equipment damage. Use this equipment only as described in this manual.

Siemens Airfield Solutions cannot be responsible for injuries or damages resulting from nonstandard, unintended applications of its equipment. This equipment is designed and intended only for the purpose described in this manual. Uses not described in this manual are considered unintended uses and may result in serious personal injury, death, or property damage. Unintended uses may result from taking the following actions:

- making changes to equipment that have not been recommended or described in this manual or using parts that are not genuine Siemens Airfield Solutions replacement parts
- failing to make sure that auxiliary equipment complies with approval agency requirements, local codes, and all applicable safety standards
- using materials or auxiliary equipment that are inappropriate or incompatible with your Siemens Airfield Solutions equipment
- allowing unqualified personnel to perform any task

## Installation

Read the installation section of all system component manuals before installing your equipment. A thorough understanding of system components and their requirements will help you install the system safely and efficiently.



**WARNING:** Failure to follow these safety procedures can result in personal injury or death.

- Allow only qualified personnel to install Siemens Airfield Solutions and auxiliary equipment. Use only approved equipment. Using unapproved equipment in an approved system may void agency approvals.
- Make sure all equipment is rated and approved for the environment in which you are using it.
- Follow all instructions for installing components and accessories.
- Install all electrical connections to local code.
- Use only electrical wire of sufficient gauge and insulation to handle the rated current demand. All wiring must meet local codes.
- Route electrical wiring along a protected path. Make sure they will not be damaged by moving equipment.
- Protect components from damage, wear, and harsh environment conditions.
- Allow ample room for maintenance, panel accessibility, and cover removal.
- Protect equipment with safety devices as specified by applicable safety regulations.
- If safety devices must be removed for installation, install them immediately after the work is completed and check them for proper functioning.

## Operation

Only qualified personnel, physically capable of operating the equipment and with no impairments in their judgment or reaction times, should operate this equipment.

Read all system component manuals before operating this equipment. A thorough understanding of system components and their operation will help you operate the system safely and efficiently.



**Operation** *(contd.)*

- Before starting this equipment, check all safety interlocks, fire-detection systems, and protective devices such as panels and covers. Make sure all devices are fully functional. Do not operate the system if these devices are not working properly. Do not deactivate or bypass automatic safety interlocks or locked-out electrical disconnects or pneumatic valves.
- Never operate equipment with a known malfunction.
- Do not attempt to operate or service electrical equipment if standing water is present.
- Use this equipment only in the environments for which it is rated. Do not operate this equipment in humid, flammable, or explosive environments unless it has been rated for safe operation in these environments.
- Never touch exposed electrical connections on equipment while the power is ON.

**Action in the Event of a System or Component Malfunction**

Do not operate a system that contains malfunctioning components. If a component malfunctions, turn the system OFF immediately.

- Disconnect and lock out electrical power.
- Allow only qualified personnel to make repairs. Repair or replace the malfunctioning component according to instructions provided in its manual.

**Maintenance and Repair**

Allow only qualified personnel to perform maintenance, troubleshooting, and repair tasks. Only persons who are properly trained and familiar with Siemens Airfield Solutions equipment are permitted to service this equipment.

- Always use safety devices when working on this equipment.
- Follow the recommended maintenance procedures in your equipment manuals.
- Do not service or adjust any equipment unless another person trained in first aid and CPR is present.
- Connect all disconnected equipment ground cables and wires after servicing equipment. Ground all conductive equipment.
- Use only approved Siemens Airfield Solutions replacement parts. Using unapproved parts or making unapproved modifications to equipment may void agency approvals and create safety hazards.

**Maintenance and Repair***(contd.)*

- Check interlock systems periodically to ensure their effectiveness.
- Do not attempt to service electrical equipment if standing water is present. Use caution when servicing electrical equipment in a high-humidity environment.
- Use tools with insulated handles when working with electrical equipment.

**2. Description**

See Figure 1. This section describes the L-862 runway edge light. The L-862/L-862E is used to mark the edge of precision IFR runways. The L-862E is used to mark the threshold/end of Precision IFR Runways.

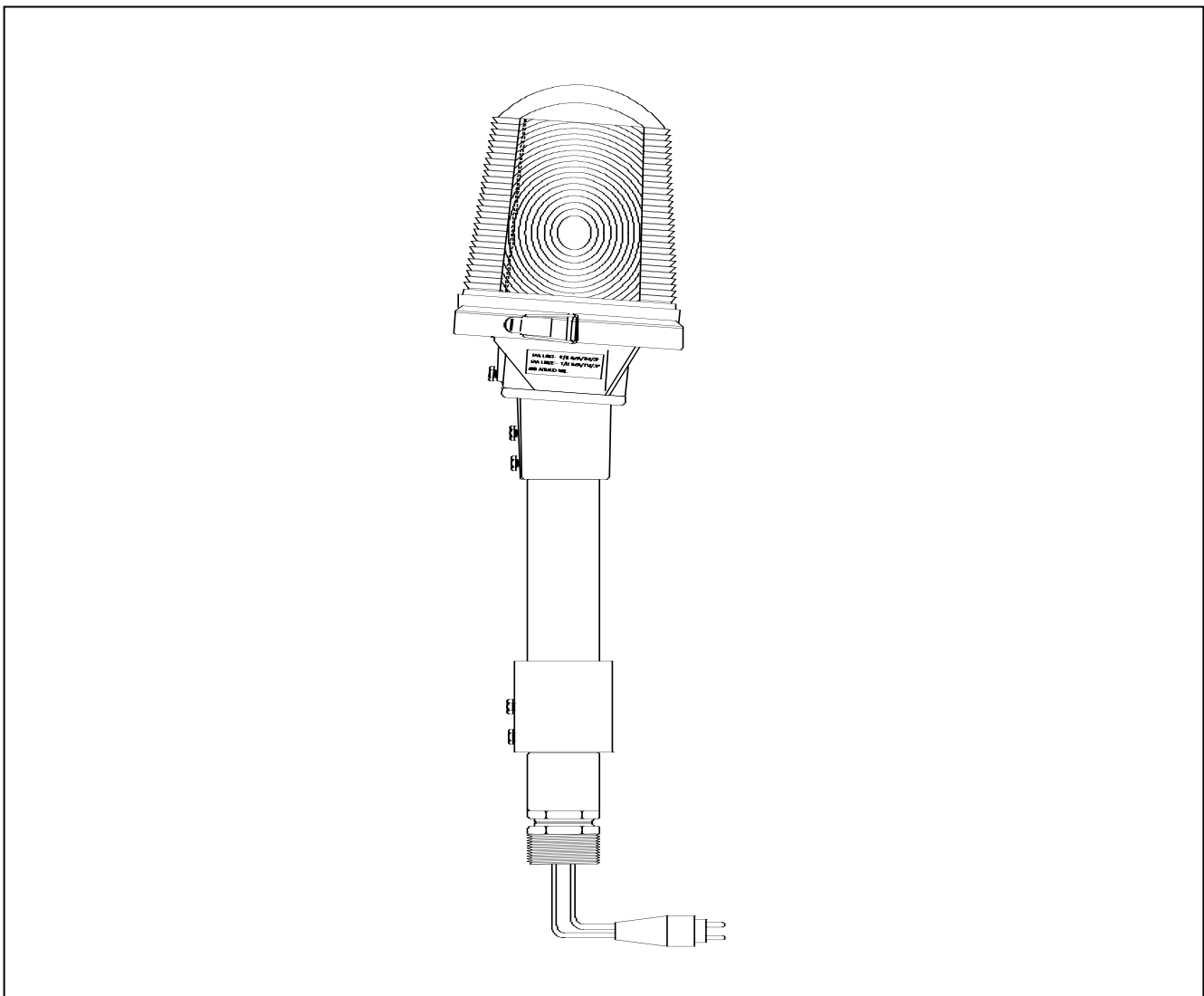


Figure 1. L-862 Runway Edge Light with Extension Column

**2. Description** (*contd.*)

Refer to Table 1 for the 180 or 360 degree colored lens functions.

Table 1. Lens Color Designations

<b>Lens Color</b>	<b>Designated Meaning</b>
White using a clear lens	Runway edge light
Yellow	Runway edge light
Red	Threshold and displaced threshold light
Green	Threshold and displaced threshold light

**L-862 Runway Edge Light:  
Required Equipment**

Refer to Table 2 for required equipment that is supplied. Refer to Table 3 for required equipment that is not supplied. Refer to the *Parts* section for part numbers.

Table 2. Required Equipment Supplied

<b>Description</b>	<b>Quantity</b>
L-862 light fixture (includes lamp, frangible fitting, and L-823 cordset)	1
Extension column of the proper length (P/N 44A0907-X)	1
Instruction manual	1 per order

Table 3. Required Equipment Not Supplied

<b>Description</b>	<b>Quantity</b>
Torque wrench (0—200 in-lb)	1
Loctite Grade AV or equivalent	As required
L-867 base (12 or 16 inches in diameter)	1 per unit
L-830 isolation transformer for series circuit. Refer to Table 4.	1 per unit
L-828 regulator (6.6A or 20A)	As required

Table 4. Isolation Transformers

<b>If you have this circuit...</b>	<b>Use this isolation transformer...</b>
6.6 A	L-830-6
20 A	L-830-7

**Specifications**

This subsection provides specifications for the L-862 runway edge light fixtures.

**Input**

6.6 A

**Specifications** (*contd.*)**Lamp**

204 W/6.6A

**Rated Lamp Life**

500 hours

**Environmental Operating Conditions**

The L-862 light fixture is designed to operate under the conditions presented below for temperature, altitude, and relative humidity.

***Temperature***

-55 to +55 °C (-67 to +131 °F)

***Altitude***

Sea level to 10,000 feet (3000 m)

***Relative Humidity***

Up to 100 %

**Exposed Materials**

The L-862 light fixture is protected with aviation yellow gloss alkyd enamel paint.

**Weight**

22 lb (10 kg) (approximately)

**Specifications** *(contd.)***Photometric Data**

This subsection provides the following photometric data for the L-862 light fixtures: minimum beam coverage, minimum average intensity, and lamp current and percent brightness.

***Minimum Beam Coverage***

Refer to Table 5.

Table 5. Minimum Beam Coverage

Light Fixture	Minimum Beam Coverage	
	Horizontal	Vertical
L-862	-2 to +9 degrees	+0 to +7 degrees
L-862E	-2 to +9 degrees	+1 to +10 degrees

***Minimum Average Intensity (at 6.6 A)***

10,000 candelas (white lens)

5,000 candelas (yellow lens)

***Lamp Current and Percent Brightness***

Refer to Table 6 for lamp current and percent brightness.

Table 6. Lamp Current/Percent Brightness

Lamp Current (Amperes)	Percent Brightness
6.6	100
5.2	25
4.1	5
3.4	1.2
2.8	0.15

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**3. Installation**

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**WARNING:** Allow only qualified personnel to perform the following tasks. Observe and follow the safety instructions in this document and all other related documentation.

**Introduction**

This section provides instructions for installing the L-862 light fixture. Refer to the airport project plans and specifications for the specific installation instructions.

## Unpacking

The light fixture is shipped ready to mount. Refer to *Installation* in this section for mounting instructions. Handle equipment very carefully to prevent component damage. Unpack the carton upon receipt and check the contents and their condition. Note any exterior damage to the carton that might lead to detection of equipment damage.

If you note any damage to any equipment, file a claim with the carrier immediately. The carrier may need to inspect the equipment.

## Installation

This subsection provides installation instructions for L-862 high intensity elevated runway edge light fixtures.

### Placement

The L-862 edge light fixtures are located from 2 to 10 feet (0.61 to 3.05 m) from the edge of the full strength pavement runway and in a straight line on each side of the runway. The fixtures are spaced longitudinally not more than 200 feet (61 m) apart on a line such that the light units on opposite sides of the runway are perpendicular to the runway centerline.

L-862 E threshold/end light fixtures are located on a line perpendicular to the extended runway center line and is located 2 to 10 feet (0.61 to 3.05 m) from the designated threshold of the runway. Lights are located in two groups of at least 4 lights with the outermost light in line with the edge lights and the balance located on 10 feet centers toward the extended centerline. Refer to AC 150/5340-24 for other configurations.

### Base Mounting

The column light fixtures can be mounted on an L-867 base mated with a base plate with a diameter and bolt-hole corresponding to either a 12-inch- or 16-inch- (304.8- or 406.4 mm-) diameter L-867 base. The base plate is designed to receive a frangible coupling using a female thread. A gasket is used with the base plate to form a watertight seal between the base plate and the L-867 base.

**NOTE:** Install the base according to appropriate FAA specifications.

To install the base, perform the following procedure:

1. See Figure 2. Install the L-867 base (2) on undisturbed soil. If the soil is unsuitable, remove soil to an adequate depth and replace with compacted acceptable material.

**NOTE:** In closed duct systems, install in soil conditions with good drainage. Use light bases having a drain hole to prevent water accumulation.

## Base Mounting (contd.)

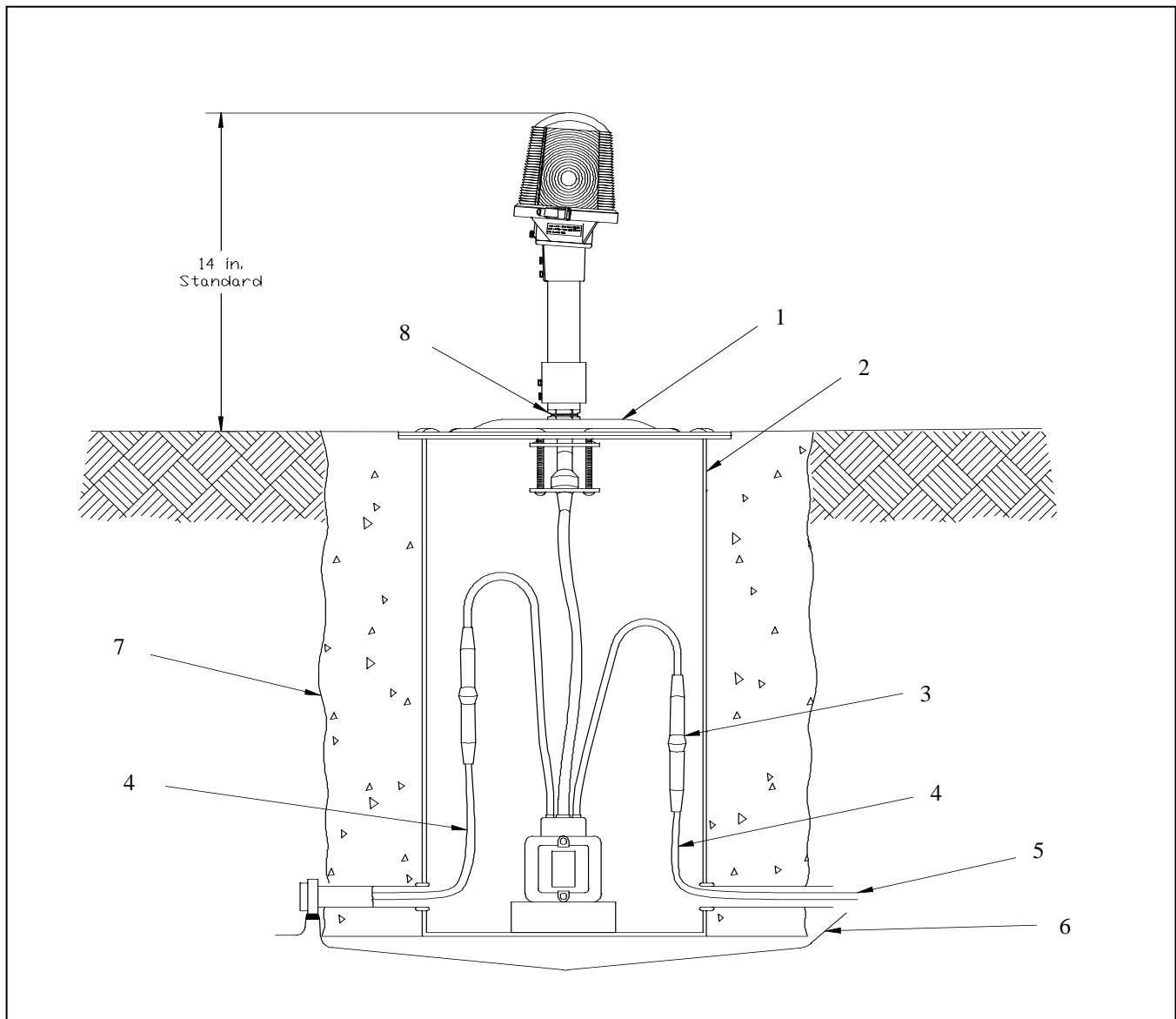


Figure 2. Base Mounting (on Base Plate with Extension)

1. Base Plate
2. L-867 Base
3. L-823 Connector
4. Two-foot Slack for Connections (Minimum)
5. 5 KV, L-824 Cable
6. Optional Bare Copper Counterpoise Wire
7. Four-Inch Concrete Backfill Recommended
8. Frangible Coupling and Disconnect Plug

**Base Mounting** (*contd.*)

2. Orient the cable entrance hubs of the base in the proper directions.
3. Level the light base so that the mounting flange surface is approximately 1 inch (25.4 mm) above finished grade.
4. With the base at the proper orientation and held at proper elevation, place approximately 4 inches (101.6 mm) of concrete backfill (7) around the outside base.

**NOTE:** If the concrete backfill is omitted, the earth backfill must be compacted to maintain proper elevation and orientation of the base.

5. Slope the top of the concrete away from the flange portion of the base so the sloped outer edges of the concrete are at surface grade.

**Light Fixture Mounting on Base Plate (with and without Extension)**

To install the light fixture on the base, perform the following procedure:

1. See Figures 2 and 3. Connect the primary power line to the appropriate L-830 isolation transformer. Refer to Table 4 for information about isolation transformers.

**NOTE:** Use a brick to raise the transformer about 3 inches above the bottom surface of the L-867 base to avoid the possibility of the transformer being partially immersed in water in case water accumulates under the level of the ducts or pipes.



**Light Fixture Mounting on Base Plate (with and without Extension) (contd.)**

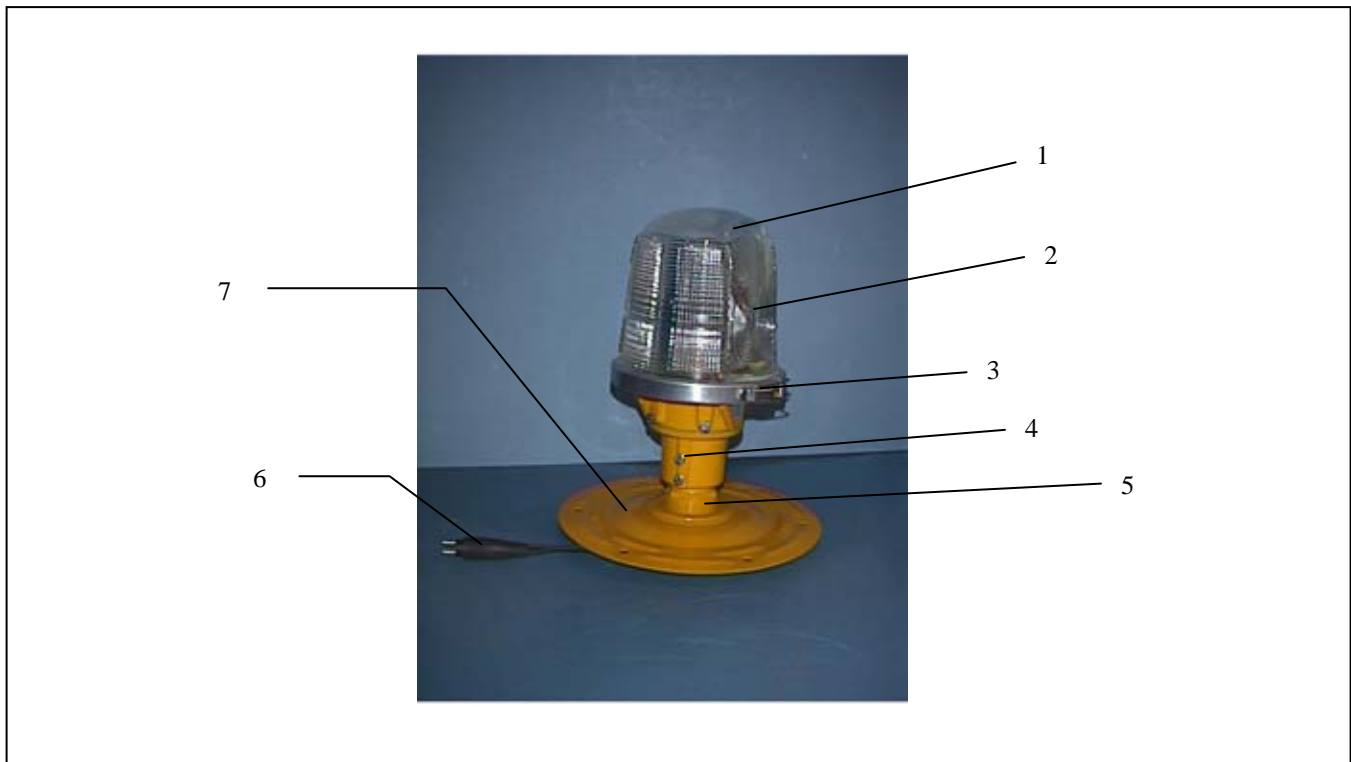


Figure 3. L-862/L-862E Light Fixture for Base Plate Mounting without Extension

- |                          |                              |                       |
|--------------------------|------------------------------|-----------------------|
| 1. Outer Lens            | 3. Lens Clamp Band           | 5. Frangible Coupling |
| 2. Inner Filter and Lamp | 4. Frangible Coupling Screws | 6. Cordset            |
|                          |                              | 7. Base Plate         |

2. After connecting the transformer, check the continuity of the series loop.
3. Wrap the connector joints in the primary circuit with at least one layer of rubber or synthetic rubber tape and one layer of plastic tape one-half lapped, extending at least one and a half inches on each side of the joint.
4. Clamp the female secondary plug from the L-830 transformer to the L-867 base plate fitting.
5. Bolt the base plate with the base plate gasket to the L-867 base using six 3/8–16 stainless steel bolts. Apply a drop of Loctite Grade AV to each bolt thread, and use a torque wrench to torque bolts to 100 in-lb (11.3 Nt-m).
6. Connect the male L-823 plug from the light fixture to the female plug on the secondary lead of the L-830 transformer.

### Light Fixture Mounting on Base Plate (with and without Extension) (contd.)

7. After the base plate has been bolted to the light base, assemble the light assembly with the extension column, if required, and the frangible coupling. For light fixture with extension, mount hex screws as shown in Figure 4, Item 7. For light fixture without extension, these hex screws (see Figure 3, Item 4) should only be hand tightened.

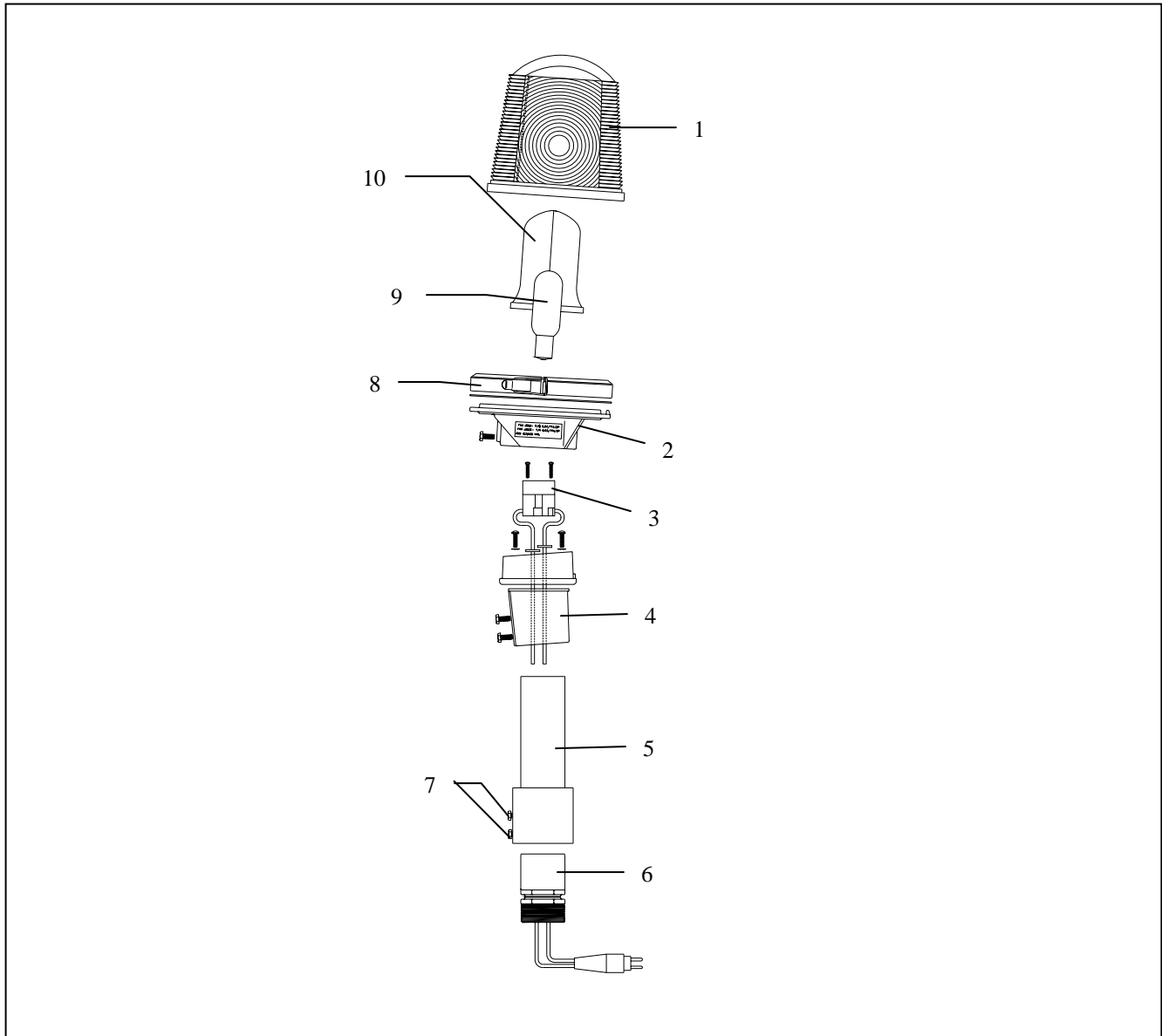


Figure 4. L-862 Elevated Runway Edge Light Assembly with Extension

- |              |                       |                                    |
|--------------|-----------------------|------------------------------------|
| 1. Lens      | 4. Stem Sleeve        | 7. Hex Screws                      |
| 2. Lens Base | 5. Extension Column   | 8. Clamp Band                      |
| 3. Socket    | 6. Frangible Coupling | 9. Lamp                            |
|              |                       | 10. Filter (2-180 Degree Segments) |

**Light Fixture Mounting on Base Plate (with and without Extension) (contd.)**

8. Position the fixture over the threaded hub in the base plate and take the loose end of the L-823 cord set protruding through the frangible coupling and plug the L-823 cord set into the secondary receptacle. Loosen the hex screws hold the frangible coupling and then screw the coupling into the mating threaded hub in the base plate. If required tighten the coupling with a wrench.
9. Tighten all hex screws with wrench.

**NOTE:** If the extension column is used, make sure that the large collar on the end of the extension column remains above the frangible groove in the coupling. Failure to do so will prevent the frangible coupling from breaking at the required loading.

10. Level the light fixture. Remove lens and filter, if installed, and place a Bullseye level on the lens base assembly. Level the fixture by centering the level's bubble.

**NOTE:** If the fixture is not level, loosen or tighten four screws located adjacent to the lamp socket in the lens base to adjust the level of the head assembly.

11. If the lamp and filter are not installed, perform the following procedure:
  - a. Remove clamp band holding the outer glassware on the head.
  - b. Install the lamp in the lamp socket by pressing down on the lamp, while turning the lamp clockwise a quarter of a turn.
  - c. Install the two filter segments (if used) on the lens base and secure to the base by attaching four plastic clips. Then install the lens on the base and secure by snapping shut the clamp band (see Figure 3, Item 3 and Figure 4, Item 8).
12. Check for proper light fixture orientation and inner lens color direction.

**NOTE:** The light fixture is designed to be toed 3-1/2 degrees toward the runway centerline. The arrow on top of the lens cap must point to the runway side for proper orientation. Fixtures having different color inner lens segments must have the lens segments on the correct side of the fixture for proper color direction. Always make sure that the fixture orientation and colored lens location are in compliance with the airport project plans and specifications. If this is not the case, adjust the base of the light fixture to proper orientation and tighten the locking screws.

**Stake Mounting**

This subsection provides procedures for stake assembly and stake installation.

***Stake Assembly***

To assemble the stake, perform the following procedure:

1. See Figure 5. Attach the cable connector support (1) to the stake assembly using mounting hardware (3).

*Stake Assembly (contd.)*

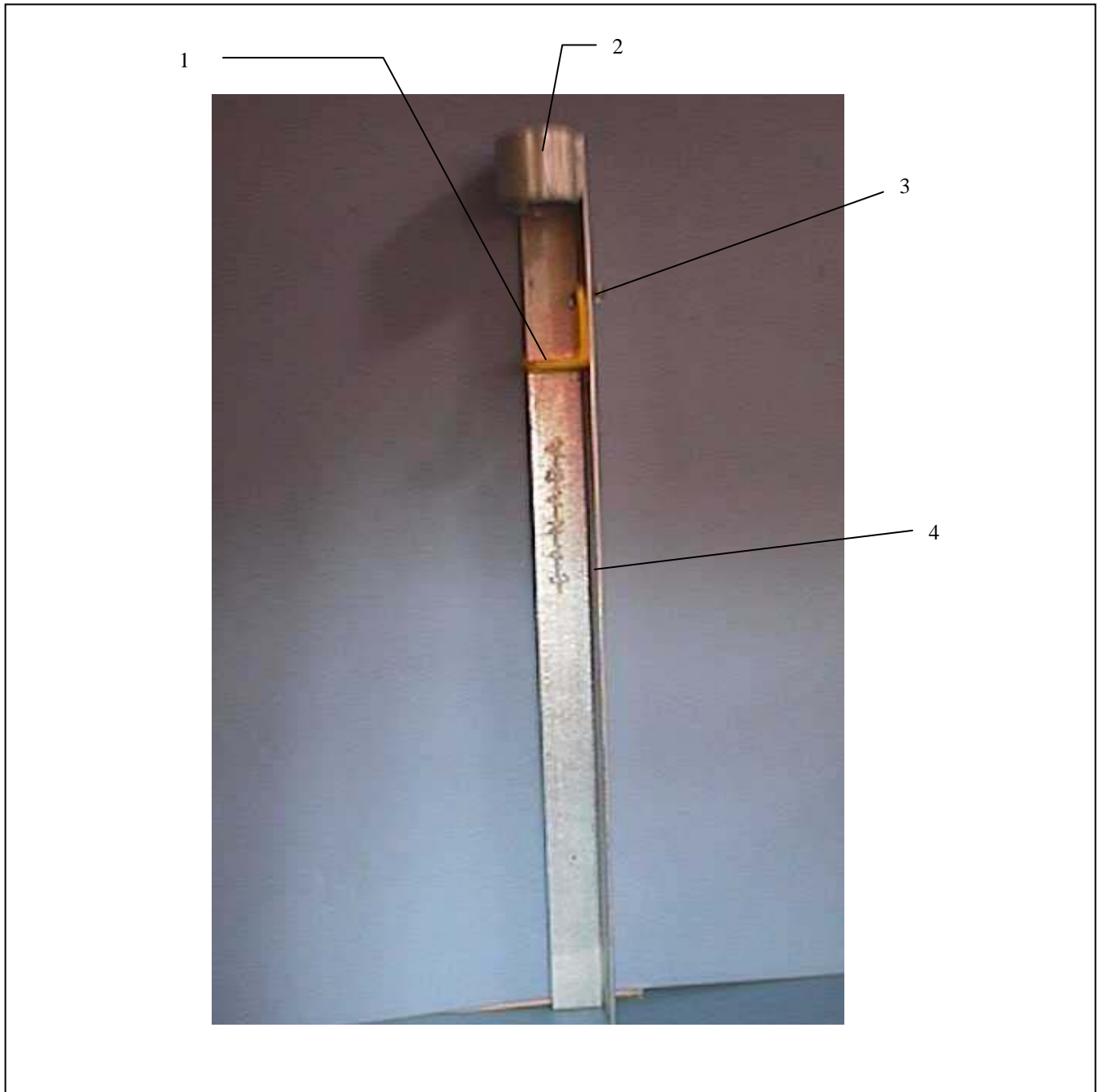


Figure 5. Stake Assembly

- 1. Cable Connector Support
- 2. Stake Hub
- 3. Screw and Lockwasher
- 4. Ground Lug Mounting Hole

**Stake Assembly (contd.)**

2. Insert the female L-823 secondary connector in the cable connector support's forked tong and attach the cable connector support (1) to the stake hub using 1/4–20 x 3/4-inch hex head screw and 1/4-inch split lockwasher (3).

**NOTE:** The small hole at the lower end of the stake is provided for counterpoise wire connection.

**Stake Installation**

To install a stake, perform the following procedure:

1. See Figure 5. Install the stake in 6-inch- (152.4-mm-) diameter holes at a depth of 30 inches (762 mm) so that the mounting hub of the stake is level.

**NOTE:** Do not drive stakes. Driving stakes may damage the stake and cause the light fixture misalignment. Refer to FAA specification AC 150/5340-24.

2. Make electrical connections as required and backfill around the stake with compacted earth passing a 1-inch (25.4 mm) sieve.

**NOTE:** Use a bubble level or carpenter's level to make sure the stake is vertical before backfilling around the stake. Backfill with concrete in case of unstable soil conditions.

3. Install the top of the stake even with, or not more than 1/2-inch (12.7 mm) above ground level and maintain within one degree of vertical.

**NOTE:** In areas where frost may cause heaving, anchor the stake with concrete and use a permeable backfill material such as sand around the buried electrical components. Cover the top surface with an impervious material to reduce moisture penetration.

#### 4. Maintenance

To keep the L-862 elevated runway light fixtures operating efficiently, follow a preventive maintenance schedule. Refer to Table 7. Refer to FAA AC 150/5340-26 for more detailed information.

Table 7. L-862 Elevated Runway Edge Light Maintenance

Interval	Maintenance Task	Action
Daily	Check for burned out lamp.	Replace burned-out lamps after turning off power. Refer to the <i>Repair</i> section.
	Check for dim lamp.	Replace burned-out lamps after turning off power. Refer to the <i>Repair</i> section.
	Check for broken lens.	Check isolation transformer on series circuit after turning off power. Replace lens or lens assembly.
Weekly	Check for vegetation.	Remove vegetation. Use weed killer.
	Check for dirty lens.	Clean with glass cleaner.
Monthly	Check for misaligned fixture.	Straighten, level, and align fixture.
	Check for dirty lamp socket.	Clean lamp socket after turning off power.
	Check for dirt on fixture drain holes.	Clean drain holes.
Semi-Annually	Check for improper ground elevation.	Grade so frangible point is approximately one inch above ground elevation.
	Check for improper light elevation.	Maintain same elevation for all light fixtures.
	Check for moisture present in light housing or base.	Check drain holes and wiring screws. Check lens for cracks. If damaged, replace. Use water pump to remove water from the base.
Annually	Check for cracks, corrosion, and shorts.	Repair or replace.
	Check for dirty contacts.	Clean after turning off power.
	Check for loose wire connections.	Tighten wire connections.
Unscheduled	Make prediction of heavy snowfall, if necessary.	Use red flags or sticks to mark the location of fixtures to facilitate snow removal and lessen the chance of damage to fixtures by snow removal equipment.

**5. Troubleshooting**



**WARNING:** Allow only qualified personnel to perform the following tasks. Observe and follow the safety instructions in this document and all other related documentation.



**WARNING:** De-energize the circuit and lock out the circuit or regulator so that the circuit cannot be energized by remote means before attempting to service the fixture.

This section contains troubleshooting information. This information covers only the most common problems that you may encounter. If you cannot solve the problem with the information given here, contact your local Siemens Airfield Solutions representative for help.

Problem	Possible Cause	Corrective Action
<p><b>Lamps will not turn on.</b></p>	Defective lamp	Replace lamp. Refer to the <i>Repair</i> section.
	Loose wire connection(s)	Tighten wire connection(s).
	Deteriorated wire insulation	Replace wires.
	Moisture present in fixture	Open up and dry fixture. Inspect lens cap for cracks. Replace lamp and any damaged parts. Refer to the <i>Repair</i> section.



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## 6. Repair

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**WARNING:** Allow only qualified personnel to perform the following tasks. Observe and follow the safety instructions in this document and all other related documentation.



**WARNING:** De-energize the circuit and lock out the circuit or regulator so that the circuit cannot be energized by remote means before attempting to service the fixture.

### Introduction

This section provides instructions for replacing lamps and removing color filters for the L-862 elevated runway edge light fixture.

### Lamp Replacement

To replace a lamp, perform the following procedure:

1. Remove the lens and filter from the lens base. Refer to *Color Filter Removal* in this section.
2. Remove the lamp from the socket by pressing down on the lamp while turning the lamp counterclockwise a quarter of a turn.
3. Insert a new lamp into the lamp socket.
4. Reinstall the lens and filter.

### Color Filter Removal

**NOTE:** The color filter consists of two 180-degree segments that are secured to the lamp base by four plastic clips.

To remove the inner color filter, perform the following procedure:

1. Loosen the encircling lens clamp and remove the lens from the lens base.
2. Loosen the four plastic clips in the lens base securing the two filter segments. The filter segments can now be removed from the lens base and interchanged or replaced.
3. Reverse the removal procedure to reinstall filter segments.

---

## 7. Parts

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To order parts, call Siemens Airfield Solutions Customer Service or your local representative. Use this five-column parts list, and the accompanying illustration, to describe and locate parts correctly.

### Using the Illustrated Parts List

This subsection describes how to use the illustrated parts list covered later in this section. It does not provide the actual parts list.

The Item column numbers correspond to the numbers that identify parts in illustrations following each parts list. NS (not shown) indicates that a listed part is not illustrated.

The Description column gives the part name, as well as its dimensions and other characteristics when appropriate. Indentions show the relationships between assemblies, subassemblies, and parts.

The Part Number column gives the Siemens Airfield Solutions part number.

Item	Description	Part Number	Quantity	Note
S1	Assembly	XXXXXXXX	1	A
NS	Part	XXXXXXXX	1	
H1	Part or Assembly			
	Part/Assembly for option 1	XXXXXXXX	2	
	Part/Assembly for option 2	XXXXXXXX	2	
T1	Assembly	XXXXXXXX	1	
	• Part	XXXXXXXX	1	
	• Part	XXXXXXXX	2	
NOTE A				

The Quantity column contains the quantity required per unit, assembly, or subassembly. The code AR (As Required) is used if the part number is a bulk item ordered in quantities or if the quantity per assembly depends on the product version or model.

The Note column contains letters that refer to notes at the end of each parts list. Notes contain special ordering or product/part version information.

**L-862 Elevated Runway Edge Light Part Numbering System**

Figure 6 shows how to determine the part number for your particular L-862 elevated runway edge light.

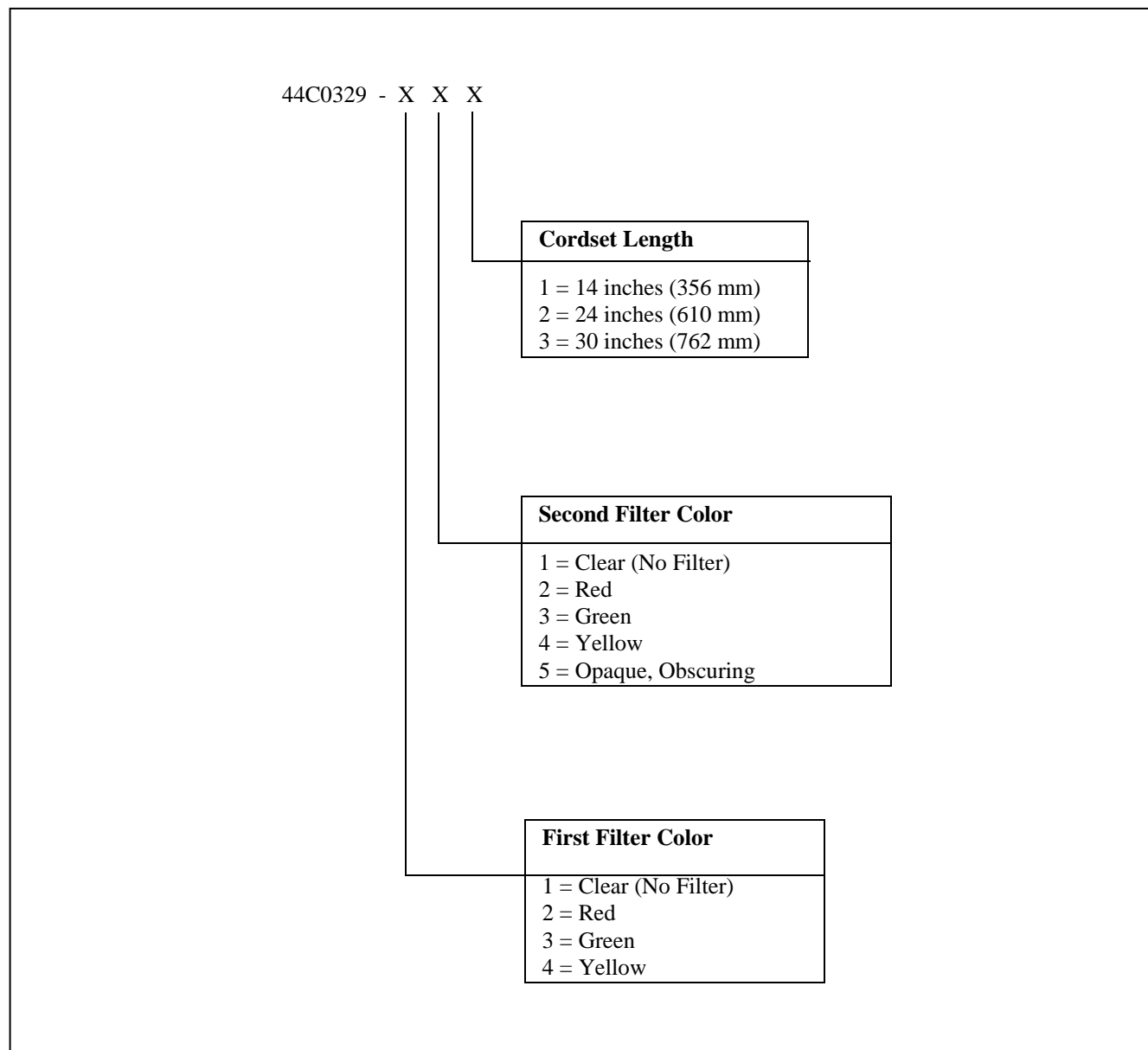


Figure 6. L-862 Light Fixture Part Numbers

**L-862 Elevated Runway Edge  
Light Parts List**

See Figure 7.

Item	Description	Part Number	Quantity	Note
M1	Lens	63A0154	1	
H3	Filter		1	
	Red (AP3535)	63B0051		
	Green (AP3535)	63B0052		
	Yellow (AP3535)	63B0053		
	Opaque (AP3535)	63A0617		
L1	Lamp 204 W/6.6 A	48A0013	1	
A1-L1	Socket	49A0002	1	
A1-M4	Gasket	63A0021	1	
A1-A1	Lens clamp	44A0051	1	
A1-M3	Lens base	62D0014	1	
A1-M1	Base sleeve - leveling	62C0015	1	
A1-M2	Stem sleeve	62C0016	1	
M2	Frangible coupling	62B0605	1	
A1-W1	L-823 cordset with terminals (customer-specified length)	44A1707	1	
A2	Extension column		1	
	Extension column, 12 in. (for 24-in. overall height) (44C0329-XXX only)	44A0907-1		
	Extension column, 18 in. (for 30-in. overall height) (44C0329-XXX only)	44A0907-2		
A1	Head assembly with cordset (customer must specify overall height)		1	
	Head assembly with cordset, 14 in. OAH	44B0330-1		
	Head assembly with cordset, 24 and 30 in. OAH	44B0330-2		

**L-862 Elevated Runway Edge  
Light Parts List (contd.)**

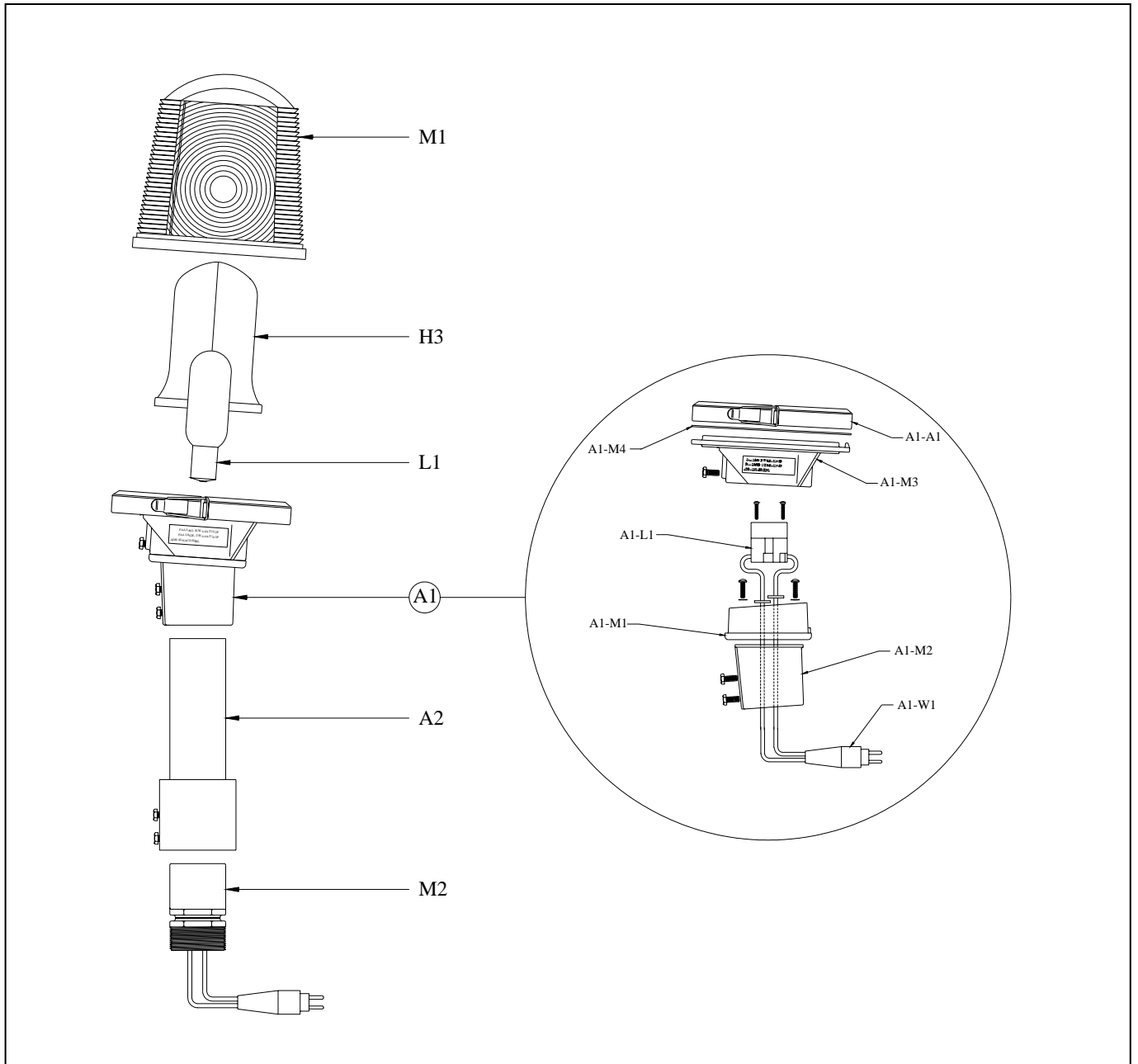


Figure 7. L-862 Elevated Runway Edge Light Assembly with Extension Column