



## RELIANCE ETPS-L LED Elevated Turning Pad Light

### Spare Parts

SP-3093, Rev. B, 2024/02/16

**ADB**   
**SAFEGATE**



## A.0 Disclaimer / Standard Warranty

### CE certification

The equipment listed as CE certified means that the product complies with the essential requirements concerning safety and hygiene. The European directives that have been taken into consideration in the design are available on written request to ADB SAFEGATE.

### ETL certification

The equipment listed as ETL certified means that the product complies with the essential requirements concerning safety and C22.2 No.180:13 (R2018) regulations. The CSA directives that have been taken into consideration in the design are available on written request to ADB SAFEGATE.

### All Products Guarantee

ADB SAFEGATE will correct by repair or replacement per the applicable guarantee below, 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 ADB SAFEGATE written notice of such defects after delivery of the goods to Buyer. Refer to the Safety section for more information on Material Handling Precautions and Storage precautions that must be followed.

ADB SAFEGATE reserves the right to examine goods upon which a claim is made. Said goods must be presented in the same condition as when the defect therein was discovered. ADB SAFEGATE further reserves the right to require the return of such goods to establish any claim.

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Products manufactured by ADB SAFEGATE are guaranteed against mechanical, electrical, and physical defects (excluding lamps) which may occur during proper and normal use for a period of two years from the date of ex-works delivery, and are guaranteed to be merchantable and fit for the ordinary purposes for which such products are made.



#### Note

See your applicable sales agreement for a complete warranty description.

Replaced or repaired equipment under warranty falls into the warranty of the original delivery. No new warranty period is started for these replaced or repaired products.

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ADB SAFEGATE LED products (with the exception of obstruction lighting) are warranted against electrical defects in design or manufacture of the LED or LED specific circuitry for a period of 4 years from date of installation, per FAA EB67 (applicable edition). These FAA certified constant current (series) powered LED products must be installed, interfaced and powered with and through products certified under the FAA Airfield Lighting Equipment Program (ALECP) to be included in this 4 (four) year warranty. This includes, but is not limited to, interface with products such as Base Cans, Isolation Transformers, Connectors, Wiring, and Constant Current Regulators.



### Note

See your sales order contract for a complete warranty description.

Replaced or repaired equipment under warranty falls into the warranty of the original delivery. No new warranty period is started for these replaced or repaired products.

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### Liability

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#### WARNING

Use of the equipment in ways other than described in the catalog leaflet and the manual may result in personal injury, death, or property and equipment damage. Use this equipment only as described in the manual.

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ADB SAFEGATE cannot be held responsible for injuries or damages resulting from non-standard, unintended uses of its equipment. The equipment is designed and intended only for the purpose described in the manual. Uses not described in the manual are considered unintended uses and may result in serious personal injury, death or property damage.

Unintended uses, includes the following actions:

- Making changes to equipment that have not been recommended or described in this manual or using parts that are not genuine ADB SAFEGATE replacement parts or accessories.
- Failing to make sure that auxiliary equipment complies with approval agency requirements, local codes, and all applicable safety standards if not in contradiction with the general rules.
- Using materials or auxiliary equipment that are inappropriate or incompatible with your ADB SAFEGATE equipment.
- Allowing unskilled personnel to perform any task on or with the equipment.

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# 1.0 Safety

## Introduction to Safety

This section contains general safety instructions for installing and using ADB SAFEGATE 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.

## 1.1 Safety Messages

### HAZARD Icons used in the manual

For all HAZARD symbols in use, see the Safety section. All symbols must comply with ISO and ANSI standards.

Carefully read and observe all safety instructions in this manual, which alert you to safety hazards and conditions that may result in personal injury, death or property and equipment damage and are accompanied by the symbol shown below.



#### WARNING

Failure to observe a warning may result in personal injury, death or equipment damage.



#### DANGER - Risk of electrical shock or ARC FLASH

Disconnect equipment from line voltage. Failure to observe this warning may result in personal injury, death, or equipment damage. ARC Flash may cause blindness, severe burns or death.



#### WARNING - Wear personal protective equipment

Failure to observe may result in serious injury.



#### WARNING - Do not touch

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



#### CAUTION

Failure to observe a caution may result in equipment damage.



#### ELECTROSTATIC SENSITIVE DEVICES

This equipment may contain electrostatic devices.

## Qualified Personnel



#### Important Information

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 ensure that its personnel meet these requirements.

Always use required personal protective equipment (PPE) and follow safe electrical work practice.

### 1.1.1 Introduction to Safety

## CAUTION

### Unsafe Equipment Use

This equipment may contain electrostatic devices, hazardous voltages and sharp edges on components

- Read installation instructions in their entirety before starting installation.
- Become familiar with the general safety instructions in this section of the manual before installing, operating, maintaining or repairing this equipment.
- Read and carefully follow the instructions throughout this manual for performing specific tasks and working with specific equipment.
- Make this manual available to 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.
- 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 prior to returning power to the circuit.



**Failure to follow this instruction can result in serious injury or equipment damage**

### Additional Reference Materials

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#### Important Information

- IEC - International Standards and Conformity Assessment for all electrical, electronic and related technologies.
  - IEC 60364 - Electrical Installations in Buildings.
  - CSA - C22.2 No.180:13 (R2018) Series isolating transformers for airport lighting
  - FAA Advisory: AC 150/5340-26 (current edition), Maintenance of Airport Visual Aid Facilities.
  - Maintenance personnel must refer to the maintenance procedure described in the ICAO Airport Services Manual, Part 9.
  - ANSI/NFPA 79, Electrical Standards for Metalworking Machine Tools.
  - National and local electrical codes and standards.
-



### 1.1.2 Intended Use



#### CAUTION

##### **Use this equipment as intended by the manufacturer**

This equipment is designed to perform a specific function, do not use this equipment for other purposes

- Using 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.

**Failure to follow this instruction can result in serious injury or equipment damage**

### 1.1.3 Material Handling Precautions: Storage



#### CAUTION

##### **Improper Storage**

Store this equipment properly

- If equipment is to be stored prior to installation, it must be protected from the weather and kept free of condensation and dust.

**Failure to follow this instruction can result in equipment damage**



## 2.0 RELIANCE ETPS-L Introduction

This section describes the RELIANCE ETPS-L light.

The ETPS-L Assemblies connected with standard metric pipe fittings.

### 2.1 Turnpad

#### Compliance with Standards

|       |                                    |
|-------|------------------------------------|
| ICAO: | Annex 14, Vol. 1 (Current Edition) |
|-------|------------------------------------|

#### Uses

- ICAO**
- Elevated runway turning pads as defined in ICAO Annex 14, Vol. 1 (Current Edition)
  - Visual runways or non-precision IFR runways
  - Used to delineate the edges of airport turning pads.

#### Features & Benefits

- RELIANCE® omnidirectional elevated turnpad fixture provides constant light output with an input current range of 2.8 A - 6.6 A. Allows turning pad lights to be connected to existing runway edge circuits.
- Average LED life of 100.000 hours under high-intensity conditions and more than 180.000 hours under typical operating conditions, resulting in significant reduction or even elimination of ongoing maintenance costs and periodic re-lamping expenses.
- RELIANCE Turnpad with heater fixture MTBF is 180.000 operating hours minimum.
- Single-latch, stainless steel clamp allows easy removal and replacement of top cover and lens
- A gasket is used between the lens and the top cover and also between the top and bottom fixture head assemblies to form a watertight seal
- RELIANCE Turnpad with arctic option uses a thermostatically controlled heater to prevent ice and snow buildup from obscuring light output. Melts ice similar to traditional incandescent fixtures.
- Three screws allow a 4° leveling adjustment of the fixture after installation.
- Fixture comes standard with a 1.5-inch coupling, but is available with a 2-inch coupling and in alternative thread patterns.
- Sealed entry at cord set to optical assembly interface prevents insect entry.
- For additional features common to all ADB SAFEGATE's elevated LED fixtures .

#### Operating Conditions

|              |  |
|--------------|--|
| Temperature: | -40°F to +131°F / -40°C to +55°C                   |
| Wind:        | Withstands wind velocities up to 300 mph (480 kph) |

#### Power Supply

6.6 A through a 10/15 W or 30/45 W L-830 (for 60 Hz) or L-831 (for 50 Hz) isolation transformer. RELIANCE Turnpad lights have been designed to work with any IEC- or FAA-compliant transformer up to 100 W without affecting performance or lifetime of the light or the transformer.

| Turning Pad Light | Fixture Load | Isolation Transfmr. | Isol. XF Load | CCR Load |
|-------------------|--------------|---------------------|---------------|----------|
| W/out heater      | 8.1 VA       | 10/15 W             | 8 VA          | 16.1 VA  |
| With heater       | 28.1 VA      | 30/45 W             | 9 VA          | 37.1 VA  |

## Packaging

| Assembled Fixtures | Dimensions of cartons (H x W x D)  |                                       | Indiv. Weight<br>lb / kg |
|--------------------|------------------------------------|---------------------------------------|--------------------------|
|                    | Individual in / cm                 | 15 per box in / cm                    |                          |
| 14" OAH            | 20.5 x 6.5 x 6.5 /<br>52 x 17 x 17 | 19.5 x 23.5 x 15.75 /<br>50 x 60 x 40 | 5 lb /<br>2.3 kg         |
| 24" OAH            | 31 x 6.5 x 6.5 /<br>79 x 17 x 17   | 29.5 x 23.5 x 15.75 /<br>75 x 60 x 40 | 6.25 lb /<br>2.8 kg      |
| 30" OAH            | 37 x 6.5 x 6.5 /<br>94 x 17 x 17   | 36 x 23.5 x 15.7 /<br>91.5 x 60 x 40  | 7 lb /<br>3.2 kg         |

## 2.2 ETPS-L Light: Required Equipment

Refer to [Table 1](#) for required equipment that is supplied. Refer to [Table 2](#) for required equipment that is not supplied. Refer to the " [RELIANCE ETPS-L Parts](#) " section for part numbers.

**Table 1: Required Equipment Supplied**

| Description                | Quantity | Note |
|----------------------------|----------|------|
| L-810(L) obstruction light | 1        |      |
| Instruction manual         | 1        | A    |

NOTE A - Additional copies of manual are available on the ADB Safegate Web site at [www.adbsafegate.com](http://www.adbsafegate.com).

**Table 2: Required Equipment Not Supplied**

| Description               | Quantity    | Note |
|---------------------------|-------------|------|
| Wire, input power – 18AWG | As required |      |
| Wire, Ground – 18AWG      | As required |      |

## 3.0 RELIANCE ETPS-L Parts

To order parts, call ADB Safegate Customer Service Center or your local representative. Use the accompanying illustrations, part number callouts and descriptions to identify and order parts correctly.

### 3.1 Ordering Code ETPS-L

|  |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
|--|---|--|--|--|--|--|---|--|--|--|--|---|--|--|---|--|--|
| <b>Ordering Code</b>   | E |  |  |  |  |  | 0 |  |  |  |  | 0 |  |  | 0 |  |  |
| <b>Application</b><br>TP = Turning Pad Light   |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>Lens Type</b><br>S = Glass  |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>Cable and Connector</b><br>2 = 1 plug (2-pin)   |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>Color - Left Side</b><br>B = Blue   |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>Color - Right Side</b><br>B = Blue  |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>0</b>   |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>Overall Fixture Height/Coupling</b><br>1 = 14 in (35.6 cm) with 1.5" coupling, 12 TPI<br>2 = 20 in (50.8 cm) with 1.5" coupling, 12 TPI<br>3 = 24 in (61.0 cm) with 1.5" coupling, 12 TPI<br>4 = 30 in (76.2 cm) with 1.5" coupling, 12 TPI<br>5 = 14 in (35.6 cm) with 2" coupling, 11.5 TPI<br>6 = 20 in (50.8 cm) with 2" coupling, 11.5 TPI<br>7 = 24 in (61.0 cm) with 2" coupling, 11.5 TPI<br>8 = 30 in (76.2 cm) with 2" coupling, 11.5 TPI<br>9 = 14 in (35.6 cm) with 2" coupling, 11 TPI <sup>1</sup><br>A = 20 in (50.8 cm) with 2" coupling, 11 TPI <sup>1</sup><br>B = 24 in (61.0 cm) with 2" coupling, 11 TPI <sup>1</sup><br>C = 30 in (76.2 cm) with 2" coupling, 11 TPI <sup>1</sup> |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>Power Supply</b><br>S = Current Driven, 50/60 Hz  |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>Photometrics</b><br>I = ICAO only   |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>0</b>   |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>Arctic Option</b><br>0 = Without arctic option<br>1 = With arctic option  |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>0</b>   |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>Version</b><br>0 = Original version   |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |
| <b>Notes</b><br><sup>1</sup> Normally used in metric applications  |   |  |  |  |  |  |   |  |  |  |  |   |  |  |   |  |  |

## 3.2 Parts Diagram

Figure 1: EMIS-L Assembly

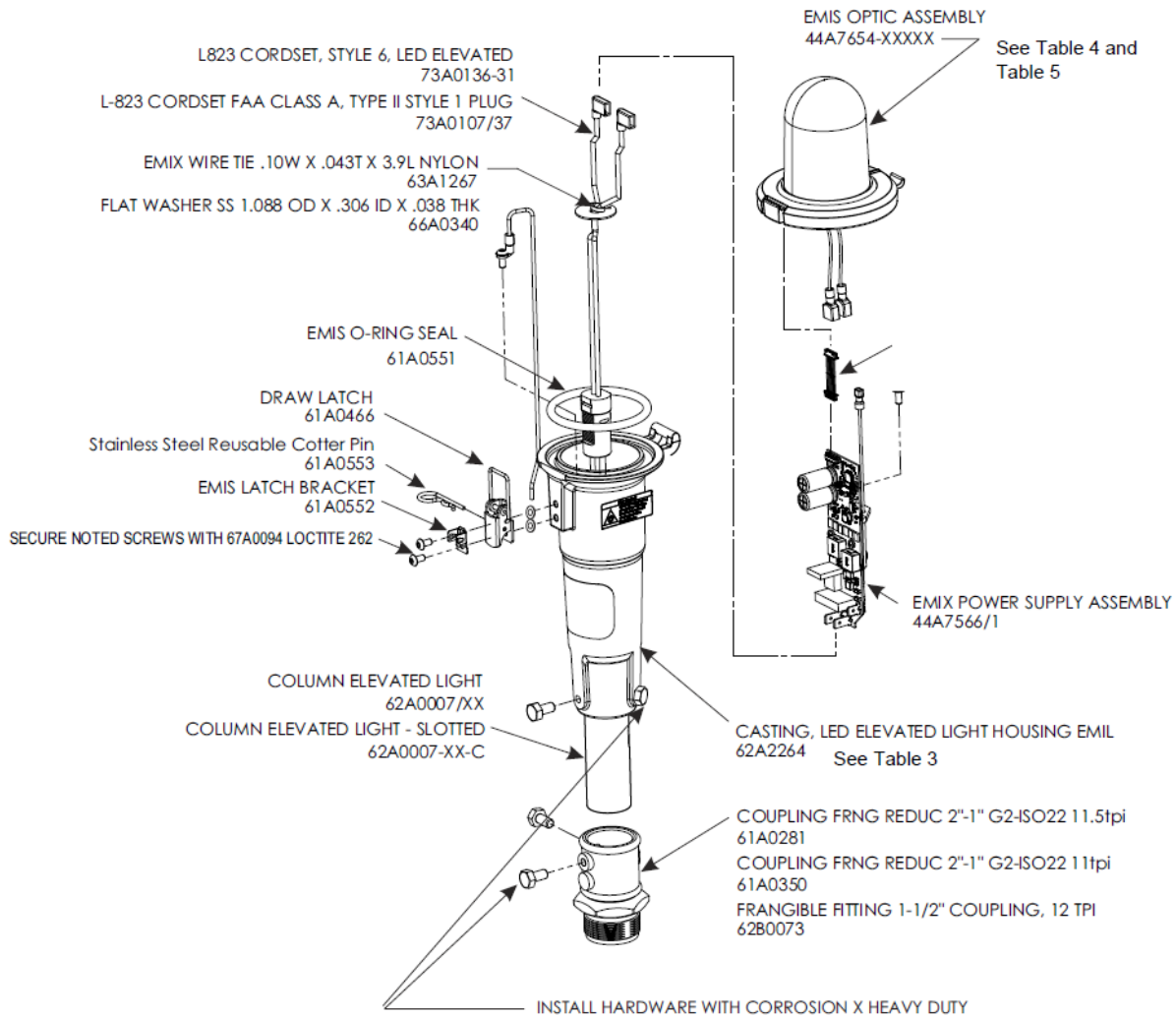
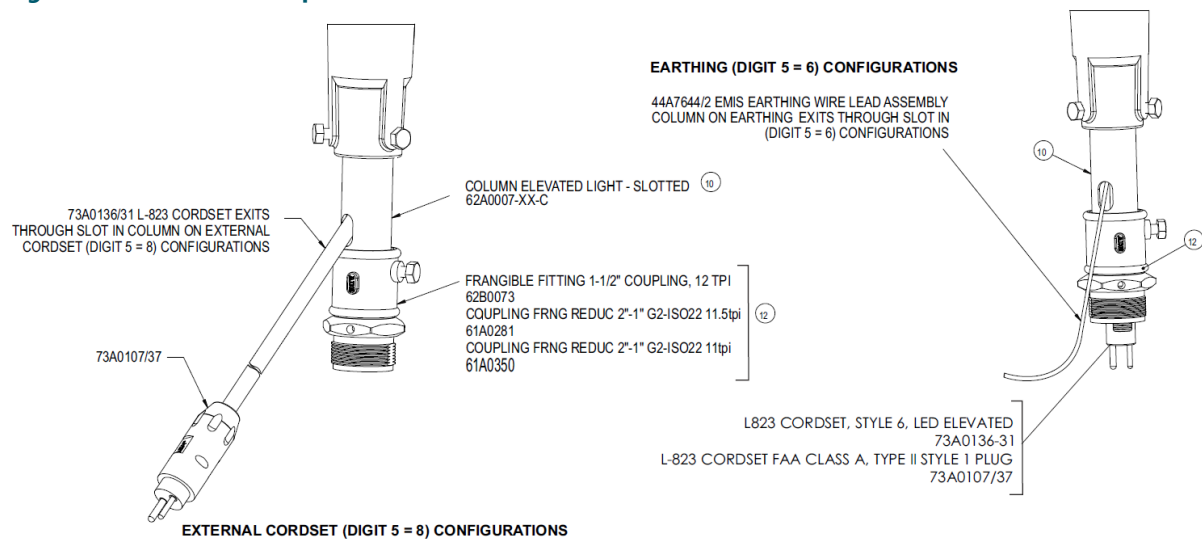


Figure 2: TP312 Column Options



**Table 3: Columns and Couplings**

| TABLE B (DIGIT 9 & DIGIT 5) |                                     |  |  |          |                            |  |          |                       |
|-----------------------------|-------------------------------------|--|--|----------|----------------------------|--|----------|-----------------------|
|                             | DIGIT 5 = 2 OR 6                    |  |  |          | DIGIT 5 = 8                |  |          |                       |
| DIGIT 9<br>OAH/CPLG         | DIGIT 5 = 2<br>62A0007/XX<br>COLUMN | DIGIT 5 = 6<br>62A0007/XX<br>/C COLUMN | 73A0136/31 CUT LENGTH<br>"DIM X" .25 IN [6.4 mm] |          | COLUMN<br>62A0007/XX<br>/X | 73A0107/37 CUT LENGTH<br>"DIM X" .25 IN [6.4 mm] |          | FRANGIBLE<br>COUPLING |
| 1                           | /3                                  | /3/C                                   | 9.25 IN  | 235 mm   |                            | 17.88 IN   | 454.2 mm | 62B0073               |
| 2                           | /27                                 | /27/C                                  | 15.25 IN   | 387.4 mm |                            | 23.88 IN   | 606.6 mm |                       |
| 3                           | /13                                 | /13/C                                  | 19.38 IN   | 492.3 mm |                            | 28.00 IN   | 711.2 mm |                       |
| 4                           | /19                                 | /9/C                                   | 25.38 IN   | 644.7 mm |                            | 33.12 IN   | 841.3 mm |                       |
| 5                           | /3                                  | /3/C                                   | 9.25 IN  | 235 mm   | /3/C                       | 17.88 IN   | 454.2 mm | 61A0281               |
| 6                           | /27                                 | /27/C                                  | 15.25 IN   | 387.4 mm |                            | 23.88 IN   | 606.6 mm |                       |
| 7                           | /13                                 | /13/C                                  | 19.38 IN   | 492.3 mm | /13/C                      | 28.00 IN   | 711.2 mm |                       |
| 8                           | /19                                 | /19/C                                  | 25.38 IN   | 644.7 mm | /19/C                      | 33.12 IN   | 841.3 mm |                       |
| 9                           | /3                                  | /3/C                                   | 9.25 IN  | 235 mm   |                            | 17.88 IN   | 454.2 mm | 61A0350               |
| A                           | /27                                 | /27/C                                  | 15.25 IN   | 387.4 mm |                            | 23.88 IN   | 606.6 mm |                       |
| B                           | /13                                 | /13/C                                  | 19.38 IN   | 492.3 mm |                            | 28.00 IN   | 711.2 mm |                       |
| C                           | /19                                 | /19/C                                  | 25.38 IN   | 644.7 mm |                            | 33.12 IN   | 841.3 mm |                       |
| D                           | /7.9                                | /7.9/C                                 | 14.00 IN   | 355.6 mm |                            | 22.38 IN   | 568.5 mm | 62B0073               |
| E                           | /7.9                                | /7.9/C                                 | 14.00 IN   | 355.6 mm |                            | 22.38 IN   | 568.5 mm | 61A0281               |
| F                           | /7.9                                | /7.9/C                                 | 14.00 IN   | 355.6 mm |                            | 22.38 IN   | 568.5 mm | 61A0350               |
| G                           | /3                                  | /3/C                                   | 9.25 IN  | 235 mm   | /3/C                       | 17.88 IN   | 454.2 mm | -                     |

**Table 4: Optic Assembly Combinations / Codes**

| EMIX Digit 11 | Right | Left | Opt Assem<br>44A7654/XXXXX | Dome<br>63A1264/XX | Light Engine<br>44A7606/XXXX | Type   |
|---------------|-------|------|----------------------------|--------------------|------------------------------|--------|
| 0             | W     | W    | 1WWX0                      | CC                 | 11X0                         | L-861  |
|               | W     | Y    | 1WYX0                      | CY                 |                              |        |
|               | W     | R    | 1WRX0                      | CD                 |                              |        |
|               | Y     | O    | 1YOX0                      | YO                 |                              |        |
|               | W     | O    | 1WOX0                      | CO                 |                              |        |
|               | Y     | Y    | 1YYX0                      | YY                 |                              |        |
|               | Y     | R    | 1YRX0                      | YD                 |                              |        |
|               | Y     | G    | 1YGX0                      | YG                 | 12X0                         |        |
|               | W     | G    | 1WGX0                      | CG                 |                              |        |
|               | R     | R    | ERRX0                      | RR                 | E2X0                         | L-861E |
|               | R     | G    | ERGX0                      | RG                 | E1X0                         |        |
|               | R     | O    | EROX0                      | RO                 | E4X0                         |        |
|               | G     | O    | EGOX0                      | GO                 | E3X0                         |        |
|               | I     | B    | B                          | TBBX0              | BB                           | T1X0   |

**Table 4: Optic Assembly Combinations / Codes (Continued)**

| EMIX Digit 11 | Right | Left | Opt Assem<br>44A7654/XXXXX | Dome<br>63A1264/XX | Light Engine<br>44A7606/XXXX | Type  |
|---------------|-------|------|----------------------------|--------------------|------------------------------|-------|
| C             | R     | R    | CRRX0                      | RR                 | C1X0                         | TP312 |
|               | R     | G    | CRGX0                      | RG                 | C2X0                         |       |
|               | R     | O    | CROX0                      | RO                 | C3X0                         |       |
|               | G     | O    | CGOX0                      | GO                 | C4X0                         |       |

**Table 5: Possible Color Combinations**

| TABLE A (DIGITS 6, 7 & 11) |         |          |                                 |                     |
|----------------------------|---------|----------|---------------------------------|---------------------|
| DIGIT 6                    | DIGIT 7 | DIGIT 11 | 44A7654/XXXXX OPTIC<br>ASSEMBLY | REFERENCE INFO TYPE |
| W                          | W       | 0        | 1WWX0                           | L-861               |
| W                          | Y       | 0        | 1WYX0                           |                     |
| W                          | R       | 0        | 1WRX0                           |                     |
| W                          | G       | 0        | 1WGX0                           |                     |
| W                          | N(O)    | 0        | 1WOX0                           |                     |
| Y                          | Y       | 0        | 1YYX0                           |                     |
| Y                          | R       | 0        | 1YRX0                           |                     |
| Y                          | G       | 0        | 1YGX0                           |                     |
| Y                          | N(O)    | 0        | 1YOX0                           | L-861E              |
| R                          | R       | 0        | ERRX0                           |                     |
| R                          | G       | 0        | ERGX0                           |                     |
| N(O)                       | R       | 0        | EORX0                           |                     |
| N(O)                       | G       | 0        | EOGX0                           | L-861SE             |
| R                          | G       | F        | SRGX0                           |                     |
| N(O)                       | G       | F        | SOGX0                           | TP312 Threshold/End |
| R                          | R       | C        | CRRx0                           |                     |
| R                          | G       | C        | CRGX0                           |                     |
| R                          | N(O)    | C        | CROX0                           |                     |
| G                          | N(O)    | C        | CGOX0                           |                     |



**Note**

1. Digit 6 & 7 color combinations shown are the only combinations possible. ex: green/red is not possible since red/green is shown.



### 3.3 Spare Parts

**Table 6: ETPS-L Spare Parts**

| Description   | Part No.      | Notes   |
|---|---------------|---|
| Column for 14" OAH  | 62A0007-3     | See <a href="#">Figure 5</a> and <a href="#">Figure 6</a> |
| Column for 18" OAH  | 62A0007-7.9   |   |
| Column for 20" OAH  | 62A0007-27    |   |
| Column for 24" OAH  | 62A0007-13    |   |
| Column for 30" OAH  | 62A0007-19    |   |
| Spare EMIS Cordset Assembly 14"                               | 44A7663-14    | See <a href="#">Figure 6</a> and <a href="#">Figure 7</a> |
| Spare EMIS Cordset Assembly 18"                               | 44A7663-18    |   |
| Spare EMIS Cordset Assembly 20"                               | 44A7663-20    |   |
| Spare EMIS Cordset Assembly 24"                               | 44A7663-24    |   |
| Spare EMIS Cordset Assembly 30"                               | 44A7663-30    |   |
| Spare ICAO TP312 internal Cordset plus External Earthing Wire | 44A7663/XX/G  | See <a href="#">Figure 6</a> and <a href="#">Figure 7</a> |
| Spare ICAO TP312 External Cordset                             | 44A7663/XX/E  | See <a href="#">Figure 6</a> and <a href="#">Figure 7</a> |
| Frangible coupling, 1.5 inch, 12 TPI                          | 62B0073       | See <a href="#">Figure 6</a>                              |
| Frangible coupling, 2 inch, 11.5 TPI                          | 61A0281       |   |
| Frangible coupling, 2 inch, 11 TPI                            | 61A0350       |   |
| EMIS Optical Assembly   | 44A7654-xxxxx | See <a href="#">Table 3</a>                               |
| Medium Intensity Glass Lens                                   | 63A1264-xx    | See <a href="#">Table 3</a>                               |
| Seal, lens  | 63A1048       | See <a href="#">Figure 2</a>                              |
| Lens Door   | 62A2265       | See <a href="#">Figure 2</a>                              |
| Seal, top to bottom cover                                     | 61A0551       | See <a href="#">Figure 5</a>                              |
| Power supply with bracket                                     | 44A7566-1     | See <a href="#">Figure 5</a>                              |
| LED assembly  | 44A7606-xxxx  | See <a href="#">Table 3</a>                               |
| Arctic Wire Lead Assembly                                     | 44A7644-3     |   |
| Stainless Steel Cotter Pin                                    | 61A0553       | See <a href="#">Figure 5</a>                              |

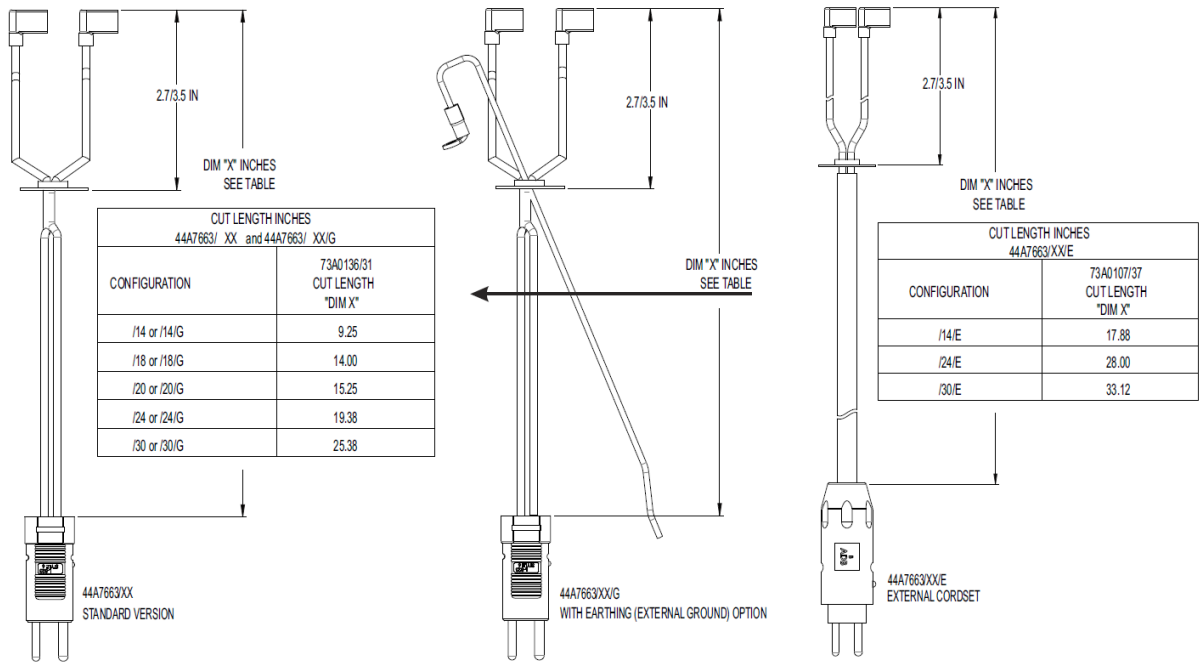
ETPS-L Leveling Device  
Ordering Code

For accurate aiming and leveling, it is recommended to have one leveling device per airfield.



44A7645

Figure 3: Cordsets



## Appendix A: SUPPORT

Our experienced engineers are available for support and service at all times, 24 hour/7 days a week. They are part of a dynamic organization making sure the entire ADB SAFEGATE is committed to minimal disturbance for airport operations.

### ADB SAFEGATE Support

#### Live Technical Support – Americas

If at any time you have a question or concern about your product, just contact ADB SAFEGATE's technical service department. Trained in all areas of system issues, troubleshooting, quality control and technical assistance, our highly experienced Technical support specialists are available 24 hours a day, seven days a week to provide assistance over the phone.

**ADB SAFEGATE Americas Technical Service & Support (US & Canada): +1-800-545-4157**

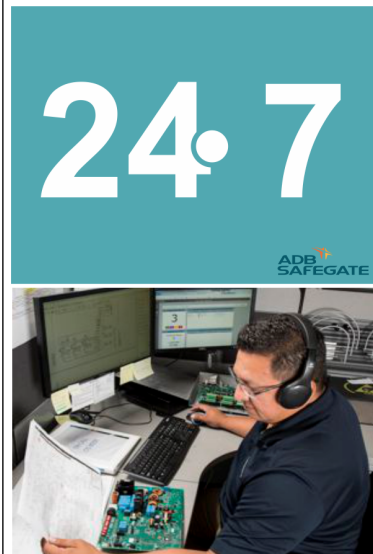
**ADB SAFEGATE Americas Technical Service & Support (International): +1-614-861-1304**

During regular business hours, you can also Chat with a Service Technician. We look forward to working with you!

#### Before You Call

When you have an airfield lighting or system control system problem, it is our goal to support airfield maintenance staff as quickly as possible. To support this effort, prior to calling, please ensure the following:

- Review the product's manual and troubleshooting guide.
- Be located with the product ready to troubleshoot.
- Have all necessary information available: airport code/company name, customer id number, contact phone number/email address, product/part number.
- Have a *True RMS* meter available and any other necessary tools.



#### Note

For more information, see [www.adbsafegate.com](http://www.adbsafegate.com), or contact ADB SAFEGATE Support via email at [support@adbsafegate.com](mailto:support@adbsafegate.com) or

Europe: +32 2 722 17 11

Americas: +1 614 861 1304. Press 3 for technical service or press 4 for sales support.

China: +86 (10) 8476 0106

Middle East and Africa: +971 4 452 7575

### A.1 ADB SAFEGATE Website

The ADB SAFEGATE website, [www.adbsafegate.com](http://www.adbsafegate.com), offers information regarding our airport solutions, products, company, news, links, downloads, references, contacts and more.

## A.2 Recycling

### A.2.1 Local Authority Recycling

The disposal of ADB SAFEGATE products is to be made at an applicable collection point for the recycling of electrical and electronic equipment. The correct disposal of equipment prevents any potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling. The recycling of materials helps to conserve natural resources. For more detailed information about recycling of products, contact your local authority city office.

### A.2.2 ADB SAFEGATE Recycling

ADB SAFEGATE is fully committed to environmentally-conscious manufacturing with strict monitoring of our own processes as well as supplier components and sub-contractor operations. ADB SAFEGATE offers a recycling program for our products to all customers worldwide, whether or not the products were sold within the EU.

ADB SAFEGATE products and/or specific electrical and electronic component parts which are fully removed/separated from any customer equipment and returned will be accepted for our recycling program.

All items returned must be clearly labeled as follows:

- For *ROHS/WEEE* Recycling
- Sender contact information (Name, Business Address, Phone number).
- Main Unit Serial Number.

ADB SAFEGATE will continue to monitor and update according for any future requirements for *EU directives* as and when *EU member states* implement new *regulations* and or *amendments*. It is our aim to maintain our *compliance plan* and assist our customers.

## Company Addresses

|  |   |
|--|---|
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**Powering Your Airport Performance  
from Approach to Departure**

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