

RUNWAY LIGHTING

ERET-CB

Incandescent Elevated Runway Edge/
Threshold Light

HIGH-INTENSITY, CLAMP BAND



Compliance with Standards

FAA: L-862 and L-862E AC 150/5345-46 (Current Edition). ETL Certified.

Uses

FAA L-862

- Runway edge
- Precision approach runways

FAA L-862E

- Runway threshold/end
- Precision approach runways

Features

- Light fixture is designed to withstand jet blast
- Lamp Life: Rated at 500 hours at 6.6 A
- Top casting holds the outer globe, which is indexed to the fixture and held in place by a continuous clamping band. Two prismatic inner lens segments are mounted inside on the socket mounting plate.
- Three screws allow a 4° leveling adjustment of the fixture after installation
- Fixture uses aluminum castings, stainless steel hardware, and is protected with aviation yellow gloss enamel paint

Operating Conditions

Temperature: -40 °F to +131 °F (-40 °C to +55 °C)

Wind: Withstands wind velocities up to 300 mph (480 kph)

L-862E Ordering Code

44A2071 - X 1 X X

Lamp

1 = 120 W/6.6 A Quartz

4 = 200 W/6.6 A Quartz (ETL Certified)

Inner Lens Color

1 = White/White

Fixture Height

1 = 14 in (35.6 cm) with 1.5" coupling, 12 TPI

2 = 24 in (61.0 cm) with 1.5" coupling, 12 TPI

3 = 30 in (76.2 cm) with 1.5" coupling, 12 TPI

4 = 14 in (35.66 cm) with 2" swivel head, 11.5 TPI¹

5 = 24 in (61.0 cm) with 2" swivel head, 11.5 TPI¹

6 = 30 in (76.2 cm) with 2" swivel head, 11.5 TPI¹

7 = 14 in (35.6 cm) with 2" coupling, 11.5 TPI

Outer Lens

4 = Red/Green Right Hand (ETL Certified)

5 = Red/Green Left Hand (ETL Certified)

6 = Red/Red (ETL Certified)

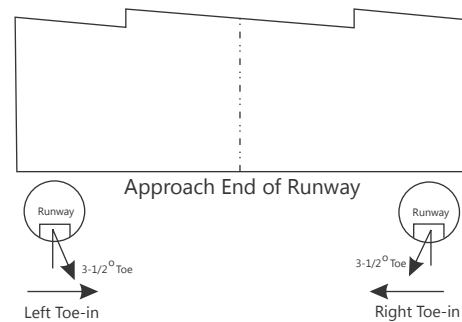
7 = Green/Obscured Right Hand (ETL Certified)

8 = Green/Obscured Left Hand (ETL Certified)

9 = Red/Obscured Right Hand (ETL Certified)

0 = Red/Obscured Left Hand (ETL Certified)

Installation of L-862E to Runway Centerline



- L-862E is toed on one side only
- Position the fixtures on either side of the runway so that the arrow embossed on the top of the outer glassware points to the runway centerline

RUNWAY LIGHTING

ERET-CB

L-862 Ordering Code

44A2071 - X X X X

Lamp

- 0 = None
- 1 = 120 W/6.6 A Quartz⁵
- 2 = 150 W/6.6 A Quartz (ETL Certified)⁵
- 4 = 200 W/6.6 A Quartz (ETL Certified)⁴
- 5 = 100 W/6.6 A, PK30d⁵

Inner Lens Color

- 0 = None
- 1 = Bidirectional White/White (ETL Certified)
- 2 = Bidirectional White/Yellow (ETL Certified)³
- 3 = Red/Red²
- 4 = Yellow/Yellow²
- 5 = Green/Green²
- 7 = Bidirectional Red/Yellow (ETL Certified)³
- 8 = Bidirectional Yellow/Green³
- A = Bidirectional White/Red (ETL Certified)³

Fixture Height

- 1 = 14 in (35.6 cm) with 1.5" coupling, 12 TPI
- 2 = 24 in (61.0 cm) with 1.5" coupling, 12 TPI
- 3 = 30 in (76.2 cm) with 1.5" coupling, 12 TPI
- 4 = 14 in (35.66 cm) with 2" swivel head, 11.5 TPI¹
- 5 = 24 in (61.0 cm) with 2" swivel head, 11.5 TPI¹
- 6 = 30 in (76.2 cm) with 2" swivel head, 11.5 TPI¹
- 7 = 14 in (35.6 cm) with 2" coupling, 11.5 TPI

Outer Lens

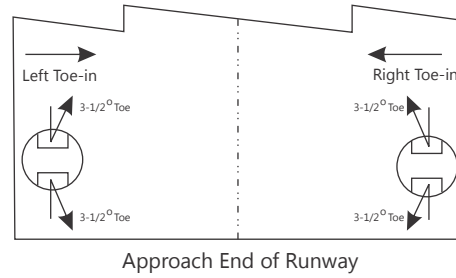
- 1 = White/White (ETL Certified)
- 9 = Red/Obscured Right Hand (ETL Certified)
- 0 = Red/Obscured Left Hand (ETL Certified)
- A = Red/White Right Hand (ETL Certified)
- B = Red/White Left Hand (ETL Certified)
- C = Green/Yellow Right Hand (ETL Certified)
- D = Green/Yellow Left Hand (ETL Certified)
- E = Red/Yellow Right Hand (ETL Certified)
- F = Red/Yellow Left Hand (ETL Certified)

Notes for L-862 and L-862E

See Ordering Code for ETL Certification

- ¹ This option is for a fixture with 2-inch column where robust applications are required.
- ² Color and/or color configuration not recognized by the FAA .
- ³ When ordering fixtures with two different inner lens colors, indicate the number of fixtures to be toed left and the number to be toed right. Unless specified, order will be filled with half right toed and half left toed fixtures.
- ⁴ For 200 W lamps, inner lenses must be white or white/yellow.
- ⁵ For 100 W, 120 W and 150 W lamps, outer lenses must be white.

Installation of L-862 to Runway Centerline



- L-862 is toed on two sides
- Position the fixtures on either side of the runway so that the arrow embossed on the top of the outer glassware points to the runway centerline
- Fixtures can also be supplied with one side obscured
- Unless otherwise specified, bicolored fixtures will be provided with half of the number ordered for right side of runway and the other half for the left side. For odd quantities please specify colored lens side as right or left as viewed from runway centerline.

Packaging

Assembled Fixtures ¹	Dimensions of Cartons in (cm)		Indiv. Weight
	Individual	9 Per Box	
14-inch OAH	6.5 × 6.5 × 20.5	19.5 × 19.5 × 20.5	5 lb
	(17 × 17 × 52)	(50 × 50 × 52)	2.3 kg
24-inch OAH	6.5 × 6.5 × 31	19.5 × 19.5 × 31	6.25 lb
	(17 × 17 × 79)	(50 × 50 × 79)	2.8 kg
30-inch OAH	6.5 × 6.5 × 37	19.5 × 19.5 × 37	7 lb
	(17 × 17 × 94)	(50 × 50 × 94)	3.2 kg

Notes

- ¹ If the two-inch coupling is used instead of the one-and-half-inch coupling, the couplings are packed separately and not pre-assembled on the fixture. Box size depends on quantity.

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Product specifications may be subject to change, and specifications listed here are not binding. Confirm current specifications at time of order.