

RUNWAY LIGHTING

ERE-CB

Incandescent Elevated Runway Edge Light

MEDIUM-INTENSITY, CLAMP BAND



Compliance with Standards

FAA: L-861 & L-861E AC 150/5345-46 (Current Edition). ETL Certified.

Uses

FAA L-861

- Runway edge
- Non-precision IFR runways

FAA L-861E

- Runway threshold/end
- Non-precision IFR runways
- Stopways

Features

- Multiple lamp wattages and types (6.6 A quartz or 6.6 A incandescent) available
- Single-latch, stainless steel clamping band allows easy removal of lens for lamp changes
- Lamp Life: Rated at 1,000 hours at 6.6 A
- A gasket is used between the lens and the head assembly to form a tight seal
- 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
- Fixture uses aluminum head assembly, stainless steel hardware, and is protected with aviation yellow 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)

Ordering Code

44C1081 - X X XX

Lamp

- 1 = 30 W/6.6 A Incandescent³
- 2 = 45 W/6.6 A Incandescent (ETL Certified)
- 3 = 25 W/120 VAC, Incandescent³
- 5 = 30 W/6.6 A Quartz³
- 6 = 45 W/6.6 A Quartz (ETL Certified)
- 7 = No Lamp, Incandescent Socket
- 8 = No Lamp, Quartz Socket

Lens Color

- 0 = No Lens¹
- 1 = Omnidirectional White (ETL Certified)^{4,5}
- 2 = Bidirectional White/Yellow (ETL Certified)^{4,5}
- 3 = Bidirectional White/Red (ETL Certified)⁵
- 4 = Bidirectional White/Green²
- 6 = Bidirectional Red/Green (ETL Certified)⁵
- 7 = Bidirectional Red/Red (ETL Certified)⁵
- 8 = Omnidirectional Green²
- 9 = Omnidirectional Yellow (ETL Certified)^{4,5}
- B = Unidirectional Green/Obscure (ETL Certified)⁵
- C = Bidirectional Green/Yellow (ETL Certified)⁵
- D = Bidirectional Red/Yellow (ETL Certified)⁵
- E = Unidirectional Red/Obscure (ETL Certified)⁵

Fixture Height

- 11 = 14 in (35.6 cm) with 1.5" coupling, 12 TPI
- 22 = 24 in (61.0 cm) with 1.5" coupling, 12 TPI
- 33 = 30 in (76.2 cm) with 1.5" coupling, 12 TPI
- 44 = 20 in (50.8 cm) with 1.5" coupling, 12 TPI
- 1A = 4 in (35.6 cm) with 2" coupling, 11 TPI⁶

Notes

- ¹ No lens option normally used as spare part. Specify and order lens separately.
- ² Color and/or color configuration not recognized by the FAA
- ³ Lamp not certified
- ⁴ 45 W Incandescent
- ⁵ 45 W Quartz
- ⁶ Normally used in metric applications

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Lens Colors and Lamp Wattages

Direction	Color	Wattage	ETL Certification
L-861			
Omni	White	45 W - I ; 45 W - Q	Yes
Omni	Yellow	45 W - I ; 45 W - Q	Yes
Bi	White/Yellow	45 W - I ; 45 W - Q	Yes
Bi	White/Red	45 W - Q	Yes
Bi	Red/Yellow	45 W - Q	Yes
Bi	Green/Yellow	45 W - Q	Yes
L-861E			
Bi	Red/Green	45 W - Q	Yes
Bi	Red/Red	45 W - Q	Yes
Uni	Green	45 W - Q	Yes
Uni	Red	45 W - Q	Yes

Note: Under wattage, I stands for incandescent and Q stands for quartz.

Packaging

Assembled Fixtures	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