

## L-861SE Elevated Runway/Threshold End Light



### Compliance with Standards

**FAA:** L-861SE AC 150/5345-46 (Current Edition)

**ICAO:** Annex 14, Vol. 1, para. 5.3.9 to 5.3.11

### Uses

- Runway threshold/end
- Non-precision IFR runways

L-861SE quartz medium-intensity elevated light fixtures are used to delineate runway threshold and end of runway.

### Features

- Unique patented design permits rapid lamp changes (U.S. Patent 4,638,411)
- Lamp Life: Rated at 500 hours at 6.6A
- A ball joint in the base of the fixture allows easy and accurate elevation and azimuth positioning after installation

### Spare Components

Description	Part No.
Ball joint	62A0527
Clamp	62B0472
Column, 6.5 in (16.51 cm) for 14-in OAH	62A0007-8
Column, 16.5 in (41.91 cm) for 24-in OAH	62A0007-18
Column, 22.5 in (57.15 cm) for 30-in OAH	62A0007-24
Cord set	44A1701
Frangible coupling, 1.5 inch	62B0073
Frangible coupling, 1.5 inch, with slot*	62B0461
Frangible reducer coupling, 2-1 in	61A0281
Head assembly	44C1490-X
Lamp, 120W/6.6A	48A0069
Lamp socket	49A0063
Lamp base	62C0504
Lens, inner white	63B0415-1
Lens, inner yellow	63B0415-2
Lens, inner red	63B0415-3
Lens, inner green	63B0415-4
Lens, inner retainer	61B0147
Lens, inner bracket	61A0146
Lens, outer white	63B0480
Lens, outer white/obscured	63B0580
Lens cap w/o outer lens or sealant	62C0486
Lens cap assembly, white/white	44C1486-1
Lens cap assembly, white/green	44C1486-4
Lens cap assembly, red/yellow	44C1486-5
Lens cap assembly, red/green	44C1486-6
Lens cap assembly, red/red	44C1486-7
Lens cap assembly, green/obscure	44C1486-8
Lens clip	60A1430
Lens sealant	67A0006-3
Strain relief	63A0042-4
Wing screw	64A0229-16

\* Slot across threaded end allows easy replacement of broken frangible coupling

### Ordering Code

**44C1485-1XXX**

#### Lamp

1 = 120W/6.6A Quartz

#### Inner Lens Color

1 = White/White<sup>1</sup>  
 2 = White/Yellow<sup>1</sup>  
 3 = White/Red<sup>1</sup>  
 4 = White/Green<sup>1</sup>  
 5 = Yellow/Red<sup>1</sup>  
 6 = Red/Green  
 7 = Red/Red<sup>1</sup>  
 8 = Green/Obscure

#### Fixture Height

1 = 14 in (35.6 cm)  
 2 = 24 in (61.0 cm)  
 3 = 30 in (76.2 cm)

#### Obscured Lens Option

1 = Not Obscured  
 2 = Obscured

#### Note

<sup>1</sup> Color and/or color configuration not recognized by the FAA

### Packaging

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

### Operating Conditions

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

Wind: Withstands wind velocities up to 350 mph (560 kph)

### Features

- 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

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