



**Flight Light Inc.**  
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## High Intensity Elevated Lights “HIEL” FAA L-862 and L-862E

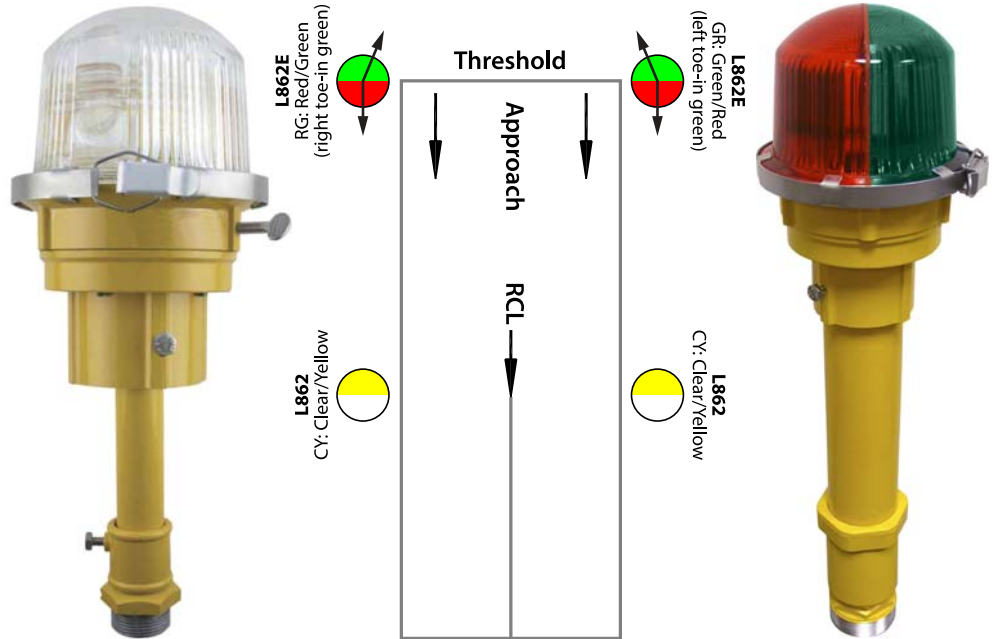
### Compliance and Applications

**Certified to FAA AC 150/5345-46 Current Edition**  
 These high intensity constant current elevated lights (“HIEL”) identify the edge or threshold/end of the runway. The inner lens may be split at 180° to accommodate two colors. The head assembly is mounted on a 1” or 2” diameter riser which is inserted in a frangible coupling.

The HIEL may be mounted on a stake assembly or on an L-867 base with 1935 (1.5”) or 1932 (2”) baseplates which are sold separately. The light is supplied with an L-823 plug assembly for connection to an L-830 isolation transformer.

### Features

- ETL Certification ensures performance.
- One piece outer lens.
- Easy lamp changes through thumbscrew system - no clamp band or inner/outer lens removal.
- Durable powder coat finish lasts longer.
- Threaded 1.5” frangible coupling or optional 2” matches existing baseplates/stakes.
- Actual average lamp life far exceeds 1000 hour rated life for fewer lamp changes.
- Available in increased heights for snow country visibility.



	Riser Dia.	Color	Lamp	Height	Coupling
<b>L862 High Intensity Runway Edge Light</b> This fixture is designed for runway edge lighting and for a number of bidirectional and unidirectional applications.	75	1: 1" 2: 2"	CC: Clear/Clear CY: Clear/Yellow CR: Clear/Red GY: Green/Yellow RY: Red/Yellow (Inner lens is colored, outer is clear.)	2: 200W** 3: 150W	1: 1.5" NF 2: 2" NPS

	Riser Dia.	Color*	Lamp	Height	Coupling
<b>L862E High Intensity Threshold/End Light</b> Red/green (R/G) or green/red (G/R) outer lenses with clear inner lenses present a line of red light to mark the end of runway for departing aircraft and simultaneously mark the threshold by aiming green light at the center of the incoming flight path.	75	1: 1" 2: 2"	RG: Red/Green (right toe-in green) GR: Green/Red (left toe-in green) RR: Red/Red RO: Red/Obscure GO: Green/Obscure (Inner lens is clear, outer is colored.)	2: 200W	1: 1.5" NF 2: 2" NPS

\* Toe direction must be specified. Looking at the fixture from the runway centerline, the color on the left is listed first, followed by the color on the right.

\*\* Not certified.

Shipping weight: 4.5 lb./2 kilo. , Volume: 0.4 cu. feet/.01 cu. meters

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**Common HIEL Replacement Parts**

**Head Assemblies**

Includes housing, socket, cord, gasket and lens clamp.  
 75-213Q-X .....Quartz  
 X = Overall height of fixture -14", 20", 24" or 30" - other heights available.

**Outer Lenses**

60-3865-C .....Clear, L862  
 60-3876/77-RG .....Red/Green (right toe-in green), L862E\*  
 60-3876/77-GR .....Green/Red (left toe-in green), L862E\*  
 \* Toe direction must be specified. Looking at the fixture from the runway centerline, the color on the left is listed first, followed by the color on the right.

**180° Inner Lens**

60-3864-(color) .....R: Red, G: Green, Y: Yellow, C: Clear, X: Blank

**Lamps**

LA-11427 .....2.5" (T4) MOL, 150W, 6.6A Qtz EWR  
 LA-15243 .....2.5" (T4) MOL, 200W, 6.6A Qtz EZL

**Lamp Socket**

75-73Q .....Quartz

**Connector Cord**

TRC-10518-01-031....Cord set, 31"

**Risers**

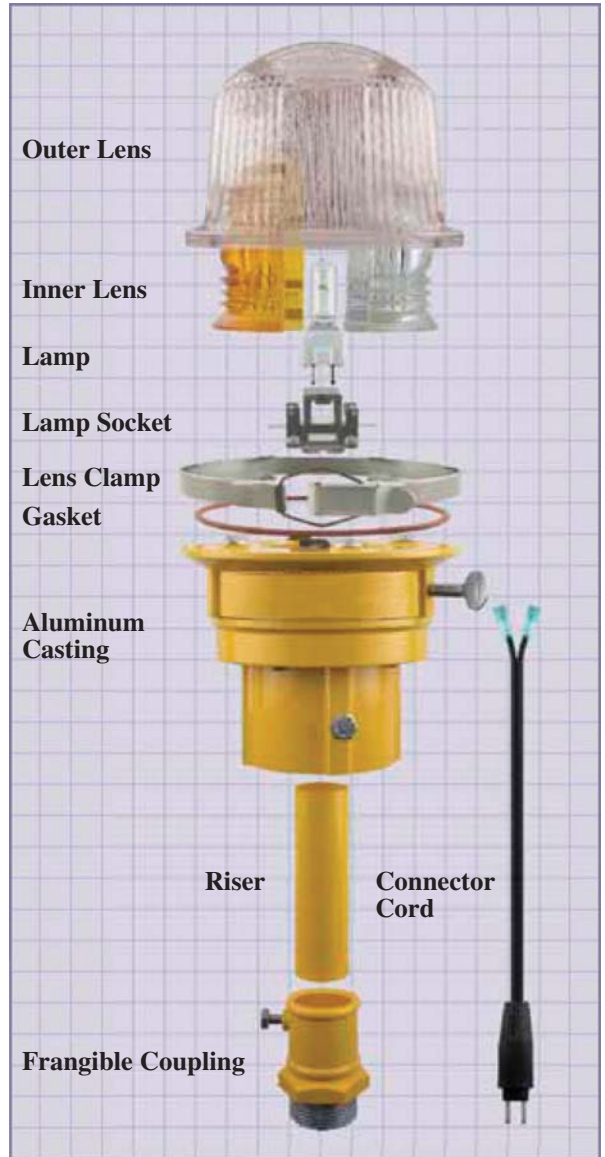
13-A6.5-14 .....5-1/2" riser for 14" fixture  
 13-A16.5-24 .....15-1/2" riser for 24" fixture  
 13-A22.5-30 .....21-1/2" riser for 30" fixture  
 Other heights available.

**Other**

75-60Q .....Lens Clamp  
 75-63Q .....Lens Gasket  
 FL-FC1.5 .....Frangible Coupling - 1.5" thread for 1" dia. riser  
 FL-FC2.0 .....Frangible Coupling - 2" thread for 1" dia. riser  
 75-59 .....Frangible Coupling - 2" thread for 2" EMT riser  
 (14" overall height only)  
 75-59-E-P .....Frangible Coupling - 2" thread for 2" EMT riser  
 (overall heights greater than 14")

**Accessories**

L-830/831-4 100W Transformer (L-830 for 60Hz, L-831 for 50Hz)  
 L-830/831-6 200W Transformer (L-830 for 60Hz, L-831 for 50Hz)  
 L-830/831-18 150W Transformer (L-830 for 60Hz, L-831 for 50Hz)  
 L-823 Primary Connector Kit  
 L-867B 12" diameter light base  
 L-867B 12" diameter baseplate



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