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High Intensity Elevated Lights “HIEL” FAA L-862, L-862E, and L-861SE

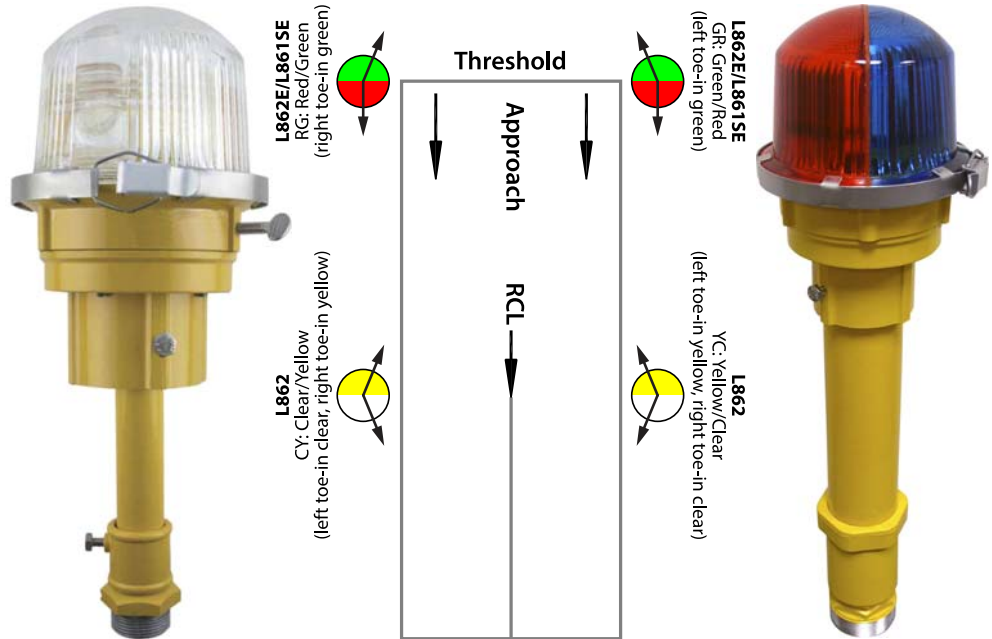
Compliance and Applications

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	
L862 High Intensity Runway Edge Light 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 (left toe-in clear, right toe-in yellow) YC: Yellow/Clear (left toe-in yellow, right toe-in clear) (Inner lens is colored, outer is clear.)	1: 120W 2: 200W** 3: 150W**	14: 14" 24: 24" 30: 30"	1: 1.5" NF 2: 2" NPS

	Riser Dia.	Color*	Lamp	Height	Coupling	
L862E High Intensity Threshold/End Light*** 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) (Inner lens is clear, outer is colored.)	2: 200W	14: 14" 24: 24" 30: 30"	1: 1.5" NF 2: 2" NPS

	Riser Dia.	Color*	Lamp	Height	Coupling	
L861SE High Intensity Threshold Light This fixture is designed specifically to mark the thresholds of medium intensity VFR runways, using red and green inner lenses and a clear outer lens. It is also appropriate to mark the perimeter of constant current powered heliports.	75	1: 1" 2: 2"	RG: Red/Green (right toe-in green) GR: Green/Red (left toe-in green) (Inner lens is colored, outer is clear.)	1: 120W	14: 14" 24: 24" 30: 30"	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 (certified with lowest wattage lamp).

*** L862E is not FAA 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-XQuartz
 X = Overall height of fixture - 14", 20", 24" or 30" - other heights available.

Outer Lenses

60-3865-CClear, L862
 60-3867-CClear, L861SE
 60-3876/77-RGRed/Green (right toe-in green), L862E*
 60-3876/77-GRGreen/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-100992.5" (T4) MOL, 120W, 6.6A Qtz EVV
 LA-11427*2.5" (T4) MOL, 150W, 6.6A Qtz EWR
 LA-152432.5" (T4) MOL, 200W, 6.6A Qtz EZL
 * Not certified (certified with lowest wattage lamp).

Lamp Socket

75-73QQuartz

Connector Cord

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

Risers

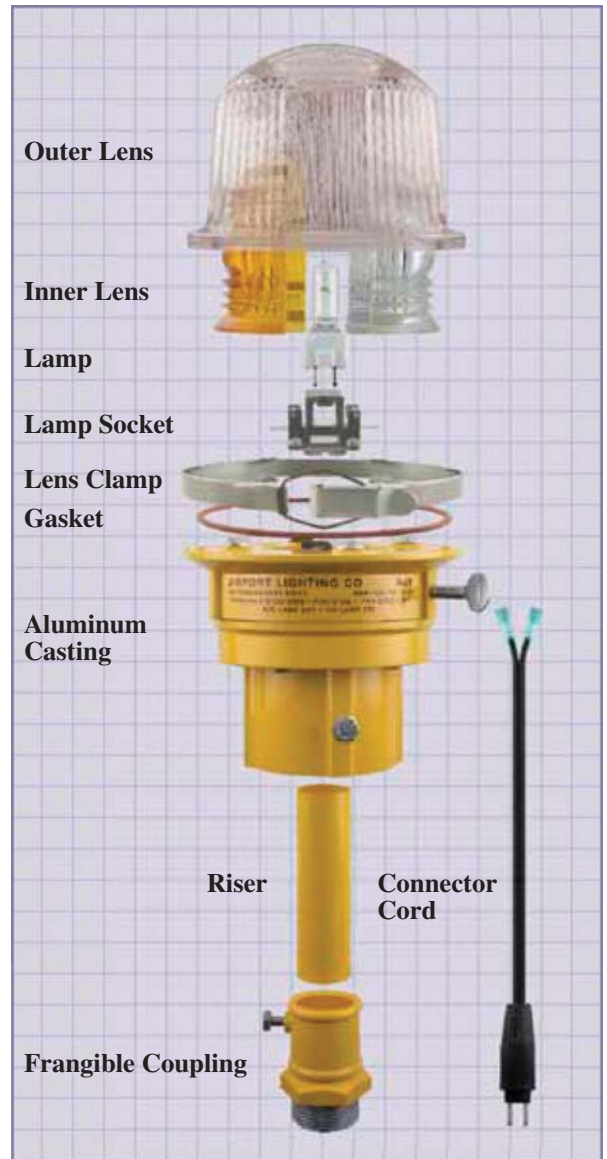
13-A6.5-145-1/2" riser for 14" fixture
 13-A16.5-2415-1/2" riser for 24" fixture
 13-A22.5-3021-1/2" riser for 30" fixture
 Other heights available.

Other

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

Accessories

L-830-4 100W Transformer
 L-830-6 200W Transformer
 L-823 Primary Connector Kit
 L-867B 12" diameter light base
 L-867B 12" diameter baseplate



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