



Flight Light Inc.
 2708 47th Ave.
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 95822-3806



LIMITED STOCK

High Intensity Elevated Lights "HIEL"
FAA L-862 and L-862E

+1.800.806.3548
 +1.916.394.2800

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 sales@flightlight.com

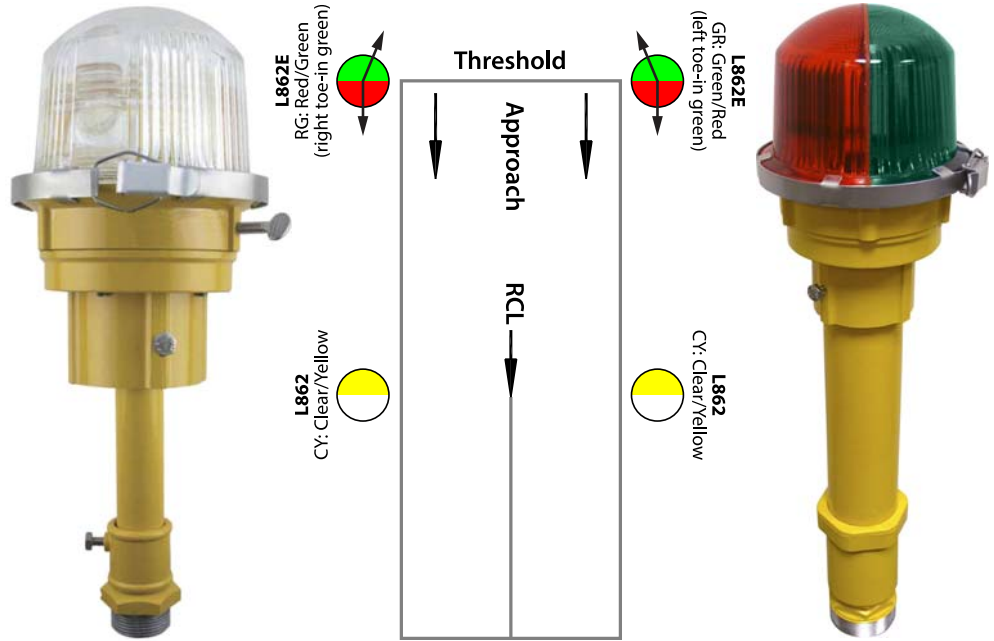
Applications

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

- 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 CR: Clear/Red GY: Green/Yellow RY: Red/Yellow (Inner lens is colored, outer is clear.) | 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) RR: Red/Red RO: Red/Obscure GO: Green/Obscure (Inner lens is clear, outer is colored.) | 2: 200W | 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.

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
 60-3876/77-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-114272.5" (T4) MOL, 150W, 6.6A Qtz EWR
 LA-152432.5" (T4) MOL, 200W, 6.6A Qtz EZL

Lamp Socket

75-73QQuartz

Connector Cord

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

Risers

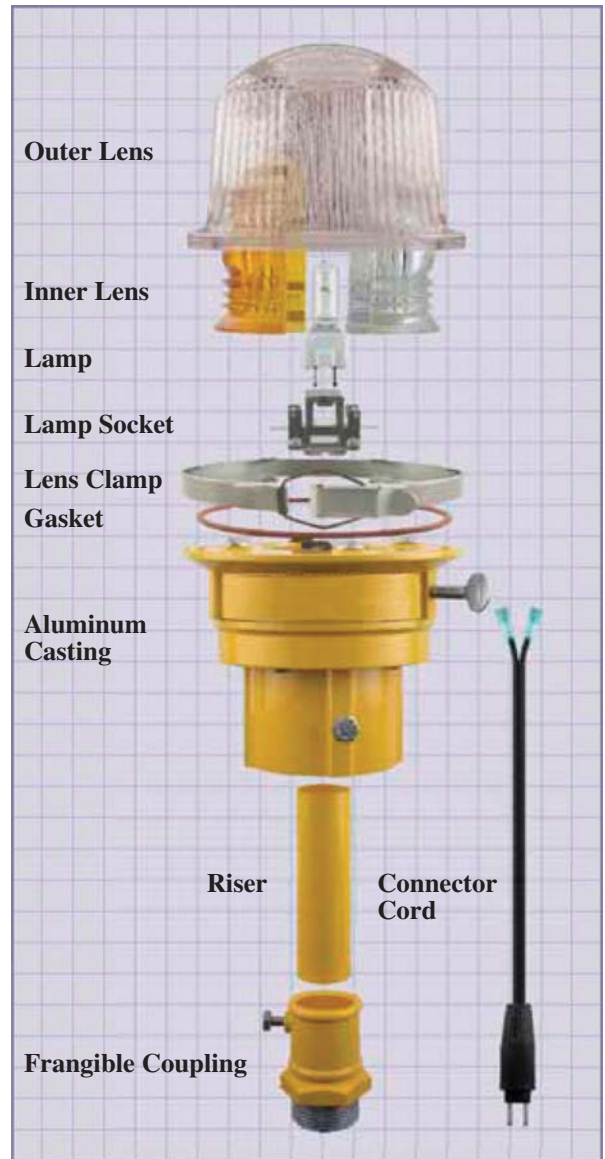
13-A6.5-145-1/2" riser for 14" fixture
 13-A16.5-2415-1/2" riser for 24" fixture
 13-A22.5-3021-1/2" riser for 30" fixture
 Other heights available.

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-830/831-4 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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