



Flight Light Inc.
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 95822-3806

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TF (800) 806-3548 EM info@flightlight.com

**High Intensity
 Elevated Lights
 "HIEL"**

FAA L-862, L-862E, and L-861SE

**FAA L-862, L-862E, and L-861SE
 High Intensity Elevated Lights**

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" EMT extension which is inserted in a 1.5" or 2" 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. Supplied with L-823 plug assembly for connection to an L-830 isolation transformer.

- ETL Certification ensures performance.
- One piece outer lens.
- Easy lamp changes through thumbscrew system - no clamp band or lens/filter 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.



Flight Light's L862 High Intensity Runway Edge Light

This fixture is designed for runway edge lighting and for a number of bidirectional and unidirectional applications.

Flight Light's 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.

Flight Light's 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.

Ordering Code

Order by choosing from the options at right and entering in the boxes below.

Type	Color	Lamp	Height	Coupling
75-1-	CC: Clear/Clear CY: Clear/Yellow YC: Yellow/Clear (Inner lens is colored, outer is clear.)	1=120W 2=200W* 3=150W* 4=175W*	14=14" 24=24" 30=30"	1=1.5" NF 2=2" NPS
75-2-	RG: Red/Green (left) GR: Green/Red (right) (Inner lens is clear, outer is colored.)	2=200W	14=14" 24=24" 30=30"	1=1.5" NF 2=2" NPS
75-3-	RG: Red/Green GR: Green/Red (Inner lens is colored, outer is clear.)	1=120W	14=14" 24=24" 30=30"	1=1.5" NF 2=2" NPS

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

Sample order code for an L862 edge of runway light:

75-1	CC	120	14	1
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Sample order code for an L862E threshold/end light:

75-2	RG	200	14	1
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Sample order code for an L861SE threshold/end light:

75-3	RG	120	14	1
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Enter order code:	Bid Item	Type	Color	Lamp	Height	Coupling	Quantity

* Not certified (certified with lowest wattage lamp).

Visit our web site: www.flightlight.com



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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

60-3867-C.....Clear, L861SE

60-3876/77-L.....Red/Green, Left, L862E

60-3876/77-R.....Red/Green, Right, L862E

Inner Lens

60-3864-(color).....R: red, G: green, Y: yellow, C: clear, X: blank

Lamps

LA-10099.....2.5" (T4) MOL, 120W, 6.6A Qtz EVV

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

LA-L2503*.....2.5" (T4) MOL, 175W, 6.6A Qtz GY9.5

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

* Not certified (certified with lowest wattage lamp).

Lamp Socket

75-73Q.....Quartz

Connector Cord

TRC-10511803.....Cord set, 31"

Risers

13-A5.5-14.....5-1/2" riser for 14" fixture

13-A15.5-24.....15-1/2" riser for 24" fixture

13-A21.5-30.....21-1/2" riser for 30" fixture

Other heights available.

Other

75-60Q.....Lens Clamp

75-63Q.....Lens Gasket

13-FC1.5.....Frangible Coupling - 1.5" thread for 1" dia. riser

13-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

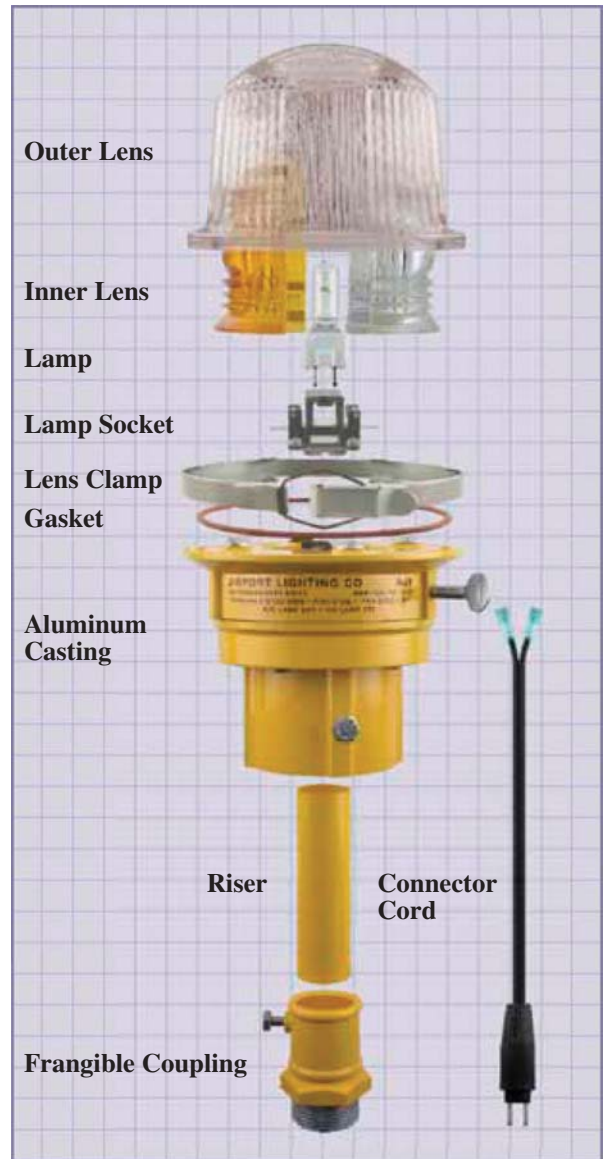
L-830-4 100W Transformer

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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