

Runway Edge Light

Compliances: FAA AC 150/5345-46: L-850C
ICAO Annex 14
USAF Regulation 88-14
USN NAVAIR 51-50AAA-2
NATO STANAG 3316



REL

Applications

The REL is a high intensity bidirectional light used at runway edge locations where it is impractical to use an elevated light. It is used where taxiways intersect the runway and any other runway edge location subject to direct aircraft or vehicle impact. Normally, the 115 watt lamp version is used to optically match FAA L-862 elevated edge lights.

Ordering Information

How to Order: Select the number of transformers to be used. Choose the letter to match the FAA base size to be installed. Add designations for the lamp wattage and colors. The orientation of the color symbols determines the optical beam toe-in.

Examples:

An 850C2-C-115-CC is clear in both directions and mounts on a 14.25 inch bolt circle base. It uses two 100 watt isolation transformers for its two 115 watt lamps.

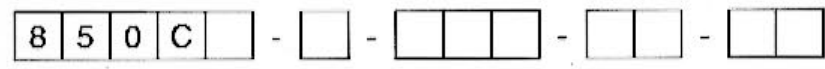
An 850C1-B-115-YC mounts on an 11.25 inch bolt circle base. It has two 115 watt lamps with a yellow filter on the left toe-in side. It requires a single 200 watt isolation transformer.

Features

- FAA Approved L-850C
- Proven Reliability
- Variety of Mounting Methods
- Optional Nickel-Molybdenum Alloy Casting: 2.3 times the tensile strength of ductile iron
- Optional Metallic-Ceramic Coating for greatly increased corrosion resistance

Application Notes

- Sectional Class I bases may be required for proper installation.
- Size C ATL will also mount on a FAA-L867D base for special applications.
- All bases must have 1.25 inch thick plywood covers. Setting material must be purchased separately for Class II bases: 100 lbs. per base.
- FAA Size B fixtures require that the bases be installed with any two opposite mounting bolt holes parallel to the runway centerline.



FAA Type: []

Number of Leads: []
1 or 2 with L-823 Plugs

FAA Base Size: []
B = 11.25 inch Bolt Circle
C = 14.25 inch Bolt Circle

Lamp Wattage: [][]
115 = 2 x 115w Lamps
185 = 2 x 185w Lamps
200 = 2 x 200w Lamps

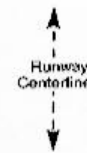
Color/Color*: [][]
C = Clear
G = Green
H = Red
Y = Yellow
X = Opaque/Blank

Options:
NM = High Strength Casting Nickel-Molybdenum
CR = Corrosion Resistant Coating

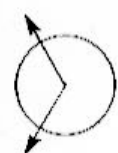
* Refer to the color symbol position.
The first color is left toe-in;
The second color is right toe-in.



Left Toe-in



Runway Centerline



Right Toe-in

