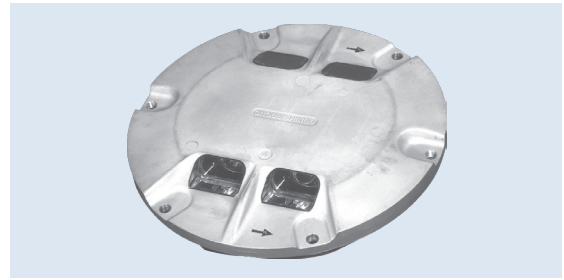


PRO III™ IREL Inset Runway Edge Light

Compliances:

- FAA AC 150/5345-46: L-850C
- ICAO Annex 14: Fig. A2-9
- UFC 3-535-01



Applications

The IREL is a high intensity bidirectional light (using four 48 watt lamps.) This fixture is used where taxiways intersect the runway and any other runway edge locations where it is impractical to use an elevated light.

Features



- ETL Certified
- Low profile, < .25" (6mm) – FAA Style 3
- Low power consumption
- Few parts to stock
- Beam orientation can be easily changed to left or right toe-in
- Easy to maintain – no sealant required for prism or feed-through assembly replacement
- Pressure test plug for seal integrity verification
- Long Lamp Life – Quartz Halogen, 48 W, 6.6A
- High-strength forged aluminum

Ordering Information

8 5 0 C 3 - - -

Fixture Type: _____

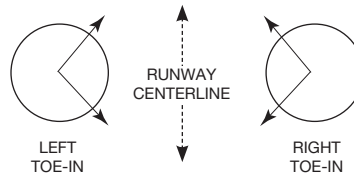
Color* : _____

- CC = Clear/Clear
- CY = Clear/Yellow
- YC = Yellow/Clear
- CR = Clear/Red
- RC = Red/Clear
- YR = Yellow/Red
- RY = Red/Yellow
- CX = Clear/Blank
- XC = Blank/Clear
- YX = Yellow/Blank
- XY = Blank/Yellow
- RX = Red/Blank
- XR = Blank/Red
- GY = Green/Yellow
- YG = Yellow/Green

L-823 Plug Connection: _____

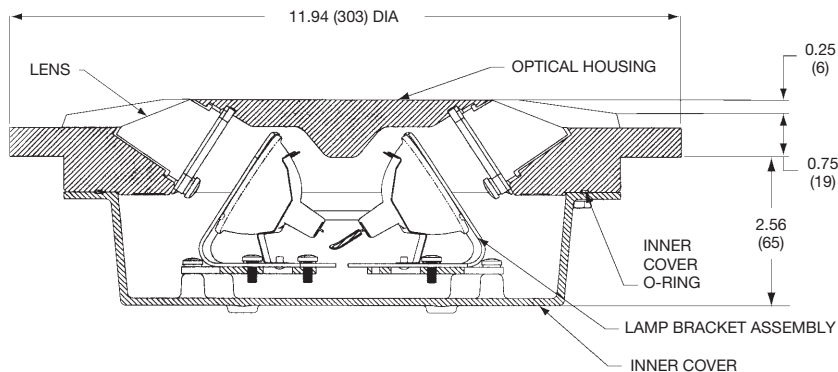
- P1 = One plug
- P2 = Two plugs (Two color units only. Blank is not considered a color.)

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

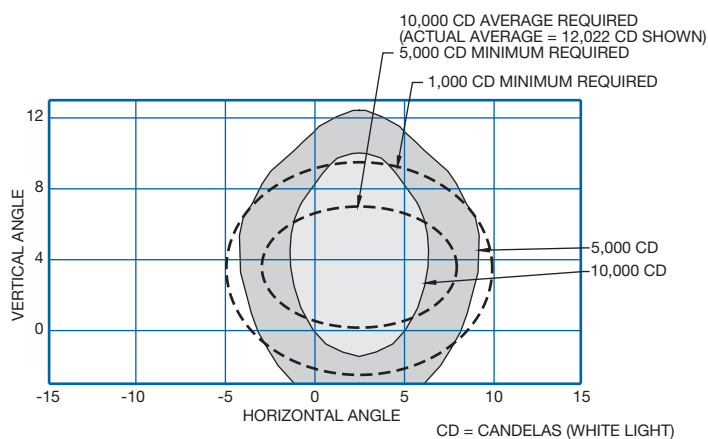


Outline Drawing

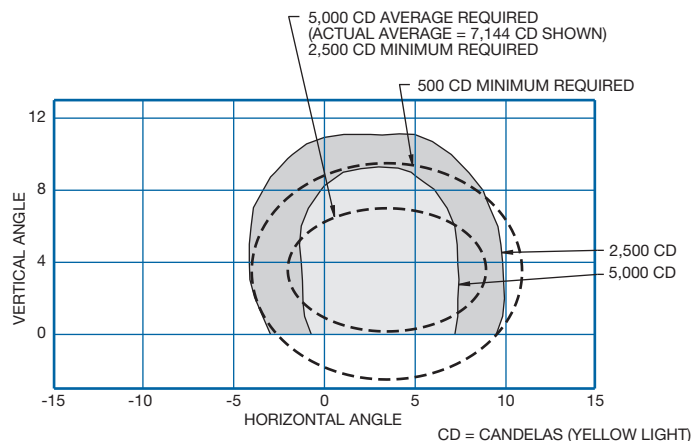
Dimensions:	inches (mm)
Instruction Manual:	9929
Shipping Weight:	16.0 lbs. 7.3 kg
Shipping Volume:	0.7 cu. ft. 0.02 m ³



Typical Photometric Data



L-850C Inset Runway Edge Light – White



L-850C Inset Runway Edge Light – Yellow

Accessories

Item Description	Catalog Number	Item Description	Catalog Number
Adapter Ring – 15" L-868C Base (11.25" bolt circle to 14.25" bolt circle)	21151	Heat Shrink Kit – 2 Piece	10047-1425
Base: L-868B, Class I, 24" Deep*	AC24242Q200303	Isolation Transformer – 100 W, 20/6.6 A	33005
Base: L-868C, Class 1, 24" Deep	AC35242Q200303	Isolation Transformer – 100 W, 6.6/6.6 A	33004
Connector Kit – L-823, 8 AWG, 0.32" to 0.43" O.D.	823KP-D4-D4	Isolation Transformer – 200 W, 20/6.6 A	33007
Heat Shrink Kit – 1 Piece	10047-2154	Isolation Transformer – 200 W, 6.6/6.6 A	33006
		Lifting Tool	19999

Renewal Parts

Description	Part Number	Description	Part Number
Feed-through Assembly – 1 Lamp, 1 Connector	21122	Lens Replacement Kit – Clear	21126-C
Gasket – Bottom Cover	21140	Lens Replacement Kit – Red	21126-R
Lamp – 48 W, 6.6 A	21116	Lens Replacement Kit – Yellow	21126-Y
Lamp Bracket Assembly	21461		

* Fixture with total lamp wattage greater than 150W should not be mounted on 12" diameter bases less than 20" (500mm) deep. Class II bases are not recommended for this application.

Note:

1. Lens Replacement Kit includes lens, lens boot, lens retaining gasket, gasket lubricant, and lens retaining bracket and screws.

