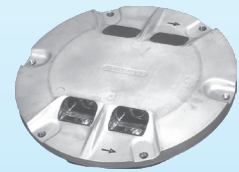


# PRO III™ IRTEL



## Inset Runway Threshold/End Light




**IRTEL**

**Compliances:** FAA AC 150/5345-46: L-850D

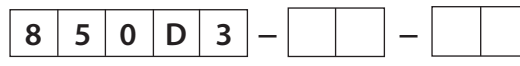
### Applications

The IRTEL is a medium intensity bidirectional light (using two 48 W lamps for the green side and two 62 watt lamps for the red side). This fixture is used on runways where the threshold and end lighting are co-located and 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, (green only)
- 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, 6.6 A  
Quartz Halogen, 62 W, 6.6 A
- High-strength forged aluminum

### Ordering Information



**Fixture Type:**

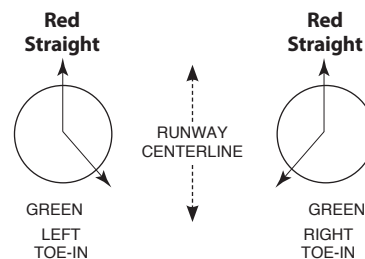
**Color\*:**

- RG = Red/Green
- GR = Green/Red
- GX = Green/Blank
- XG = Blank/Green
- RX = Red/Blank

**L-823 Plug Connection:**

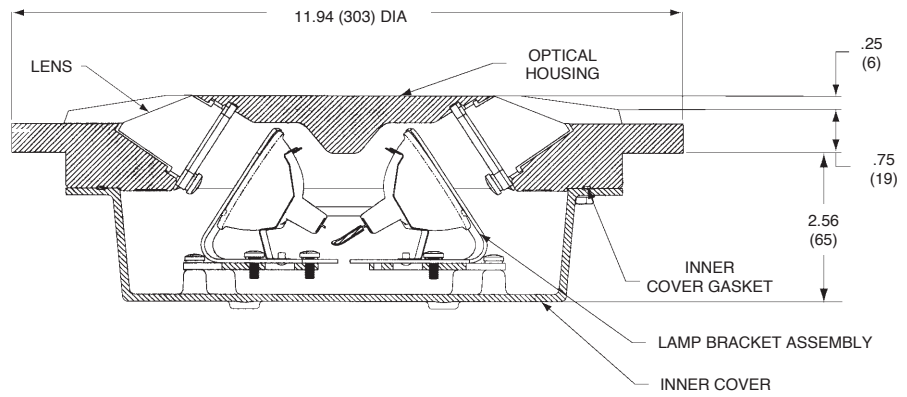
- P1 = One plug
- P2 = Two plugs (Two color units only. Blank is not considered a color.)

\* Refer to the color symbol position: the red beam is always straight.  
RG means right toe-in of the green beam.  
GR means left toe-in of the green beam.  
GX means right toe-in of the green beam.  
XG means left toe-in of the green beam.

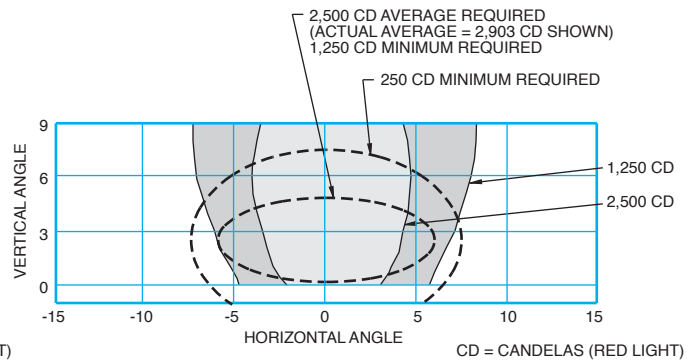
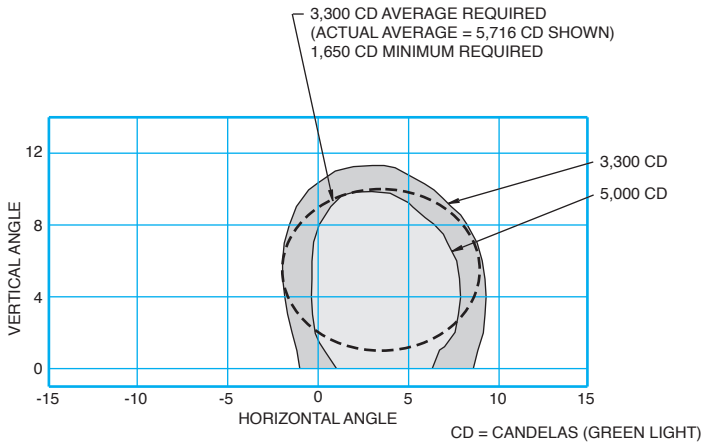


## Outline Drawing

<b>Dimensions:</b>	inches (mm)
<b>Instruction Manual:</b>	9929
<b>Shipping Weight:</b>	17.7 lbs 8.1 kg
<b>Shipping Volume:</b>	0.7 cu ft 0.02 m <sup>3</sup>



## Typical Photometric Data



L-850D Inset Runway Threshold/End Light – Green

L-850D Inset Runway Threshold/End Light – Red

## Accessories

Catalog Number	Item Description	Catalog Number	Item Description
AC24242Q200303	Base: L-868B, Class I, 24" Deep*	823KP-D4-D4	Connector Kit – L-823, 8 AWG, .32" to .43" O.D.
33004	Isolation Transformer – 100 W, 6.6/6.6 A	10047-2154	Heat Shrink Kit – 1 Piece
33005	Isolation Transformer – 100 W, 20/6.6 A	10047-1425	Heat Shrink Kit – 2 Piece
33006	Isolation Transformer – 200 W, 6.6/6.6 A	19999	Lifting Tool
33007	Isolation Transformer – 200 W, 20/6.6 A	21151	Adapter Ring – 15" L-868D Base (11.25" bolt circle to 14.25" bolt circle)

## Renewal Parts

Part Number	Description	Part Number	Description
21116	Lamp – 48 W, 6.6 A	10035-33-269	Gasket – Bottom Cover
21169	Lamp – 62 W, 6.6 A	10048-25	Gasket Lubricant – 5.3 oz. Container
21126-G	Lens Replacement Kit – Green		
21126-R	Lens Replacement Kit – Red		

\* Fixture with total lamp wattage greater than 150 W should not be mounted on 12" diameter base less than 20" 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.

