

RUNWAY LIGHTING

IREL

In-pavement Runway Edge Light STYLE 3, HIGH-INTENSITY



Compliance with Standards

FAA: L-850C AC 150/5345-46 (Current Edition). ETL Certified.

Military: Photometry complies with UFC 3-535-01 Fig. 4-2.

Uses

FAA L-850C

- Runway edge on category I, II, and III rwys
- Military runway edge applications less than 200 feet wide

Features

- Light channel in front of prism windows protects prisms from damage and prevents rubber buildup thereby maintaining optimal light output
- Low-energy/long-life halogen lamps are 105 W with a rated life of 1,000 hours at 6.6 A
- Low-temperature lights. Temperature rise at center of top cover remains below FAA-specified limit of 320 °F (160 °C).
- Fixture uses aluminum alloy cover, stainless steel hardware, and aluminum alloy and stainless steel optical assembly
- Includes a UL 467 rated ground lug, which accepts an AWG 6 earth ground wire

Dimensions

Outside Diameter:	11.94 in (30.33 cm)
Bolt Circle Diameter (L-868B):	11.25 in (28.58 cm)
Max. Bottom Cover O.D.:	9.94 in (25.25 cm)
Bottom Cover Depth:	3.8 in (9.65 cm) ¹

Notes

¹ If used in conjunction with an L-868B Top Section, the overall height of the Top Section must be 4 in (10.16 cm) minimum.

Ordering Code

44A6009 - X X X X

Left Filter Colors¹

- 0 = White (No Filter)
- 1 = Yellow
- 2 = Red
- 3 = Obscured

Right Filter Colors²

- 0 = White (No Filter)
- 1 = Yellow
- 2 = Red
- 3 = Obscured

Film Disc Cutout

- 1 = Included
- 2 = Not Included

Cord Sets

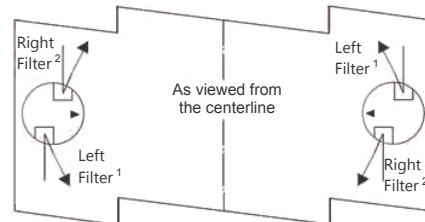
- 1 = One L-823 Cord Set
- 2 = Two L-823 Cord Sets

Notes

Bidirectional fixture uses two 105W lamps and unidirectional uses one 105W lamp.

1, 2 See filter location diagram below

Toe-in Coding



Note: Triangle embossed on the top cover should point toward the centerline to ensure correct toe-in position.

Packaging

In cardboard box:

Weight - with packing:

Weight - without packing:

7 × 13 × 13 in (17.8 × 33 × 33 cm)

15.3 lb (6.94 kg)

12.3 lb (5.58 kg)

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Product specifications may be subject to change, and specifications listed here are not binding. Confirm current specifications at time of order.