

# 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 runways
- 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 <sup>1</sup>

#### Notes

<sup>1</sup> 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.

#### Packaging

In cardboard box:	7 × 13 × 13 in / 17.8 × 33 × 33 cm
Weight - with packing:	15.3 lb / 6.94 kg
Weight - without packing:	12.3 lb / 5.58 kg

#### Ordering Code

44A6009 - X X X X

##### Left Filter Colors<sup>1</sup>

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

##### Right Filter Colors<sup>2</sup>

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

##### Film Disc Cutout

- 1 = Included
- 2 = Not Included

##### Cord Sets

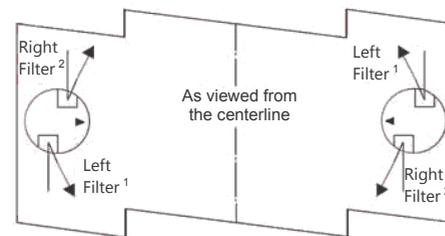
- 1 = One L-823 Cord Set
- 2 = Two L-823 Cord Sets

##### Notes

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

<sup>1,2</sup> 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.*

#### Optional Snow Plow Ring

Depending on installation method and snow plowing technique used, a snow plow ring may be necessary. Snow plow rings are available for either standard or stainless steel adjustable Size B L-868 cans. Contact ADB SAFEGATE Sales for additional details.

[www.adbsafegate.com](http://www.adbsafegate.com)

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