APPROACH LIGHTING
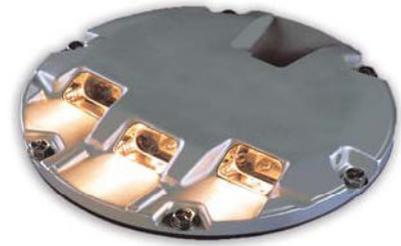
IAML

Incandescent In-pavement ALSF and MALSR Approach Light

STYLE 2 HIGH-/MEDIUM-INTENSITY

Compliance with Standards

FAA: ALSF ETL Verified to FAA-E-2952 (Detail Specification for Approach Light, Chemical Resistant, High Intensity, Semi-flush Steady Burning) MALSR ETL Verified to FAA-E-2968 (Detail Specification for Semi-flush Approach Light Units for Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights)

Uses

- ALSF high-intensity approach centerline, crossbar, and side row barrettes in white, green, and red
- MALSR medium-intensity approach in white and threshold in green

Features

- FAA Style 2–Low protrusion above ground of ≤0.50 inch reduces vibrations caused by aircraft landing gear in both the light fixture and the landing gear, increasing lamp life
- Provides numerous advantages– including lower weight, easier maintenance, and lower life cycle cost–than older style fixtures
- Designed and built with simplicity and ease of maintenance in mind
- 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 (3 per fixture) with a rated life of 1,000 hours at 6.6 A for ALSF applications. For MALSR green threshold applications, the 62 W lamp (3 per fi xture) has a rated life of 1,000 hours at 6.6 A.
- For MALSR white approach applications, the 105 W lamp (1 per fixture) has a rated life of 1,000 hours at 6.6 A. This fixture meets the photometric requirements per FAA-E-2968 that previoulsy used an L-850B 200 W fixture. Provides a 48% reduction in power consumption and double the lamp life.
- Uses latest state-of-the-art in-pavement fixture technology in order to retrofit older FAA-E-2491, 20 A, 500 W ALSF fixtures. Provides a 37% reduction in power consumption and double the lamp life.
- Fixture uses aluminum alloy cover and inner 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

ALSF Ordering Code 44A6148 - X000

Color

1 = White (Style A)
2 = Green (Style B)
3 = Red (Style C)

Notes

- A Shorting Device is also available. If any lamp opens, the shorting device places a short on the secondary of the isolation transformer. This allows certain monitoring systems to detect a lamp out. The shorting device ordering code is 44A6143.
- To retrofit into older FAA -E-2491 applications, a flange ring is required. The flange ring ordering code is 128A145 -SS-G.

MALSR Green Ordering Code 44A6440 - 1000

Notes

- For FAA-E-2968 MALSR system, Style II, unidirectional green applications, this fixture uses three 62 W lamps and is a photometric equivalent to the older style 200 W L -850E fixtures that were used in this application. FAA -E-2968 MALSR applications are not toed .
- Encapsulated (FAA Style) isolation transformers are available for voltage - driven, medium-intensity approach lighting applications. For three 62 W lamp applications, a 186 W, 240 VAC to 28.2 VAC transformer is used (Part No. 35C0096).

MALSR White Ordering Code 44A6440 - 2000

Notes:

- For FAA-E-2968 MALSR medium-intensity system, Style I, unidirectional white applications, this fixture uses one 105 W lamp and is a photo - metric equivalent to the older style 200 W L -850B fixtures that were used in this application. FAA-E-2968 MALSR applications are not toed.
- Encapsulated (FAA Style) isolation transformers are available for voltage - driven, medium-intensity approach lighting applications. For 105 W, 240 VAC to 15.9 VAC applications, use transformer Part No. 35C0095.

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 the ADB Safegate Sales Department for additional details.

Packaging

In cardboard box:	7 x 13 x 13 in (17.8 x 33 x 33 cm)
Weight with packing:	20 lb (9.07 kg)
Weight without packing:	17 lb (7.71 kg)

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