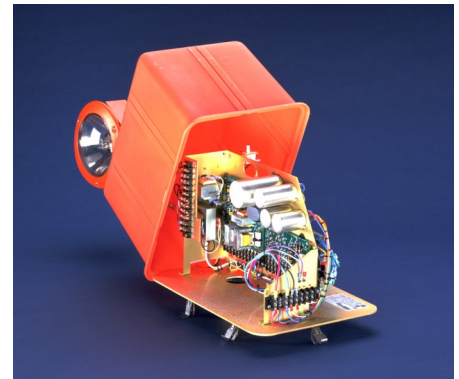


FT 830 Series

Current Driven Unidirectional Approach Lighting

Features/Benefits

- Identifies runway end and acquisition of active runway
- Simple Runway End Identifier Lights (REIL) system or an addition to complete any number of approach light systems like MALSR, MALSF, SSALSR, ALSF I and II for runway alignment and runway threshold marking
- Flashhead and power converter may be mounted together to form a single unit or separately to adapt to specific terrain needs
- Modular design for easy maintenance
- Powered and controlled from constant level current, in series line
- Longer flashtube life due to low voltage ($\pm 500\text{VDC}$) required for operation
- Can be set for single-step or three-step intensity
- Intensity stepping is controlled by the level of current from the constant current regulator (CCR)
- Designed to operate with a L828 CCR



Certification/Conformance: FAA Advisory Circular AC 150/5345-51, FAA Type L-849 Style A and E, , ICAO Annex 14, Transport Canada K312

Options

- Component level training available
- FTM 181– Monitor

*Flash Technology meets the **Buy American Act** with all our airport lighting systems.*

FT 830 Series

Current Driven Unidirectional Approach Lighting

Components

Flashhead - FH 800

High Intensity

Standard - 15,000 effective candelas (ECD) - nominal - white

Canadian - 20,000 effective candelas (ECD) - nominal - white

Medium Intensity

Standard - 1,500 effective candelas (ECD) - nominal - white

Canadian - 2,000 effective candelas (ECD) - nominal - white

Low Intensity

Standard - 300 effective candelas (ECD) - nominal - white

Canadian - 450 effective candelas (ECD) - nominal - white

- 120 flashes per minute
- 30° minimum horizontal coverage
- 10° minimum vertical beam
- Adjustable elevation angle 0° to 25°



Current Driven Power Converter - PC830

- Directly connected to secondary of standard FAA type L-830 isolation transformer
- 2.8A to 6.6A, 50/60Hz
- Solid state circuitry
- Safety interlocks
- Internal surge protection
- Weight: 21 lbs.. (9.53 kg)
- Dimensions (H X W X D): 12.25 X 20.00 X 14.00 inches; 311.0 X 508.0 X 355.6 mm

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