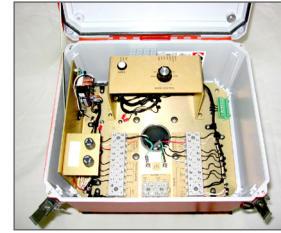
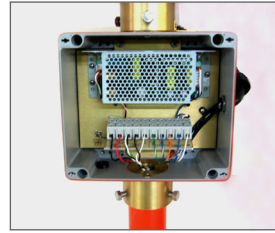


# L-849 (L) Runway End Identification Light LED REIL – SAL 1030



As Manufactured by:  Certified strobe systems since 2003.

## Compliances

Certified to FAA AC 150/5345-51 (Current Edition) and Engineering Brief No. 67 (Current Edition)



## Application

LED REIL provides a visual indication to pilots of the runway threshold during an approach

## Key Features

- Superior quality and unmatched technical support
- Low Power Draw - entire system draws less than 40 Watts
- Nominal intensity - 22,000 effective candelas
- Beam Coverage - 10° vertically, 30° horizontally
- Flash rate: two flashes per second
- Separation: Control unit can be mounted in excess of 500 feet from flash head
- Remote Control: Four-position selector switch or Series Lighting Circuit current sensing
- Meets photometric beam requirements for MALSR, SSALR, and ALSF-I / II
- Voltage-powered
  - 120 VAC, 50 Hz or 60 Hz
  - 230 VAC, 50Hz
  - 240 VAC, 50Hz or 60 Hz
- Current-powered
  - 2.8 to 6.6 amperes
  - No power adapter required
  - True RMS current sensing
  - Operates from (2) L-830-4s

## General Catalog Numbers

SAL 1030-□□-□-□

### Type

- V 1 = 120VAC
- V 2 = 240V, 60Hz
- V 3 = 230V, 50Hz
- I = 6.6A

### Options

- 1 = Elapsed Time Meter
- 2 = Current sense module (voltage units only)
- 4 = Flash Monitoring
- 6 = Separate Mount Flash Head (specify quantity)\*

### Styles

- A = Uni-directional, high intensity, one brightness step
- C = Uni-directional, low intensity, one brightness step
- E = Uni-directional, three brightness steps

All units have co-mounted flash heads unless specified with Option 6



# Specifications

## Photometric Data

Model	Style	Type	FPM	Effective Intensity		
				High	Med	Low
SAL 1030	A	L-849V, I	120	15,000	-	-
SAL 1030	C	L-849V, I	120	-	-	700
SAL 1030	E	L-849V, I	120	15,000	1,500	300

## Head Assemblies

Description	Part Number
Printed Circuit Board, LSM	344-30105
Printed Circuit Board, CSM	255-20086
Flash Head	344-40520
Diode Bridge	44-00174
Fuse	55-00267
Gas Discharge Tube	44-00177
24 Vdc Power Supply	44-00175
50 Vdc Power Supply	44-00176
Interlock Switch	55-00201

### Recommended Installation Control Cable:

12 Gauge Twisted Pair, shielded with the shielding tied on only one end.

## Physical Specifications

Head and Power Supply	24.75"H x 14.25"W x 5.58"D
Weight	32lbs.
Primary Control Unit	6.5"H x 13.5"W x 12"D
Weight	10.5lbs.
System Ship Weight	74.5lbs

## Applications

REILS	Runway end identifier light system
MALSR	Medium intensity approach lighting systems with runway alignment indicator lights
ALSF-I	Approach Lighting System with Sequenced Flashing Lights (Cat. 1 runways)
ALSF-II	Approach Lighting System with Sequenced Flashing Lights (Cat. 2 runways)
SSALR	Simplified Short Approach Lighting System with Runway Alignment Indicator Lights

## Standard Options Available

- 50 or 60 Hz
- Flash monitoring
- Elapsed time meter
- Internal heater kit
- Error code LED display