



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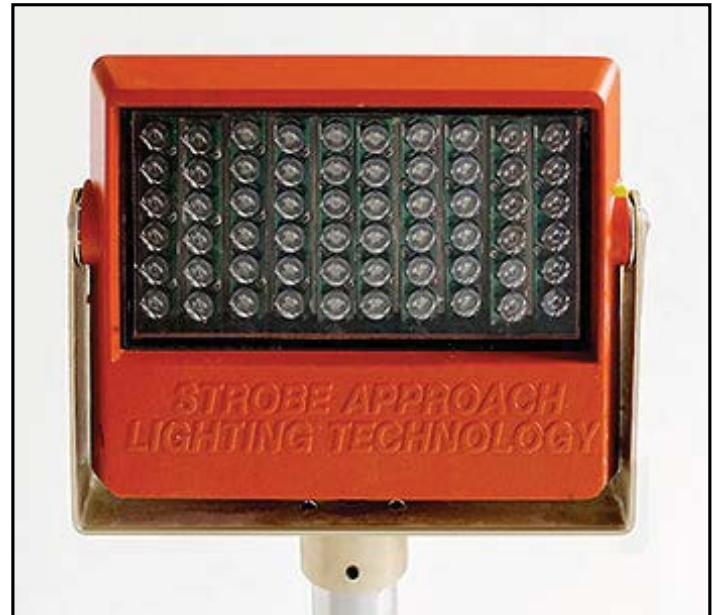
## L-849 (L) Runway End Identification Light LED REIL – SAL 1030

### Compliance

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

### Features

- Long LED life expectancy
- Low power draw - entire system draws less than 40W
- 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) L830-4s



### Standard Options Available

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

### Photometrics 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

### Applications

- REILS: Runway End Identifier Light System
- MALSR: Medium Intensity Approach Lighting System 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

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 Identification Light  
 LED REIL – SAL 1030**

### Physical Specifications

Head & Power Supply: 24.75"H x 14.25"W x 5.58"D  
 Weight (Head & Power Supply): 32 lb.  
 Master Control Unit: 6.5"H x 13.5"W x 12"D  
 Weight (MCU): 10.5 lb.  
 System Ship Weight: 74.5 lb.

### Spare Components

Description	Part Number
Printed Circuit Board, LSM	344-30105
Printed Circuit Board, CSM	255-20086
Flash Head	344-30520
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

### Ordering Codes

Product Code	Type	Styles	Options
<b>SAL1030</b>	<b>V1:</b> 120VAC <b>V2:</b> 240V, 60Hz <b>V3:</b> 230V, 50 Hz <b>I:</b> 6.6A	<b>A:</b> Uni-directional, high intensity, one brightness step <b>C:</b> Uni-directional, low intensity, one brightness step <b>E:</b> Uni-directional, three brightness steps	<b>2:</b> Current sense module (voltage units only) <b>4:</b> Flash monitoring

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