



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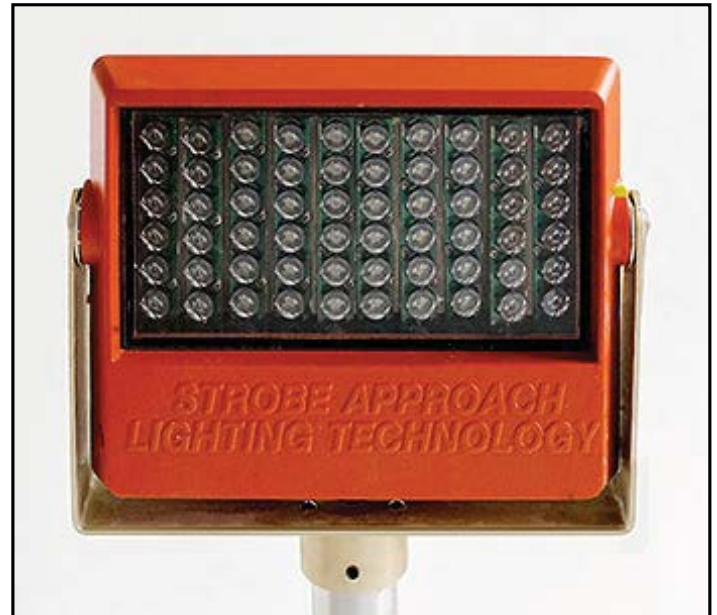
L-849 (L) Runway End Identification Light LED REIL – SAL 1030

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
- 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

Visit our web site: www.flightlight.com



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 Identification Light
 LED REIL – SAL 1030**

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

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