

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

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

*Long LED life expectancy and
low annual energy costs*



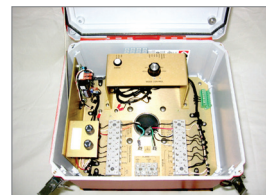
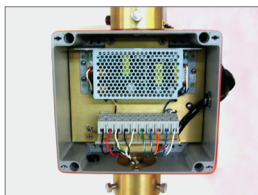
Highlights

- 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

As Manufactured by:



Certified strobe systems since 2003.



General Catalog Numbers

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

SAL1030 - □□ - □-□

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

Styles

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

Options

- 2 - Current sense module (voltage units only)
- 4 - Flash Monitoring

Standard Options Available

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

Replacement Parts

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

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

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	1500	300

Physical Specifications

Head and Power Supply: 24.75"H x 14.25"W x 5.58"D

Weight (Head & Power Supply): 32lbs.

Master Control Unit: 6.5"H x 13.5"W x 12"D

Weight (MCU): 10.5lbs.

System Ship Weight: 74.5lbs