

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

Certified to FAA AC 150/5345-51 (Current Edition)

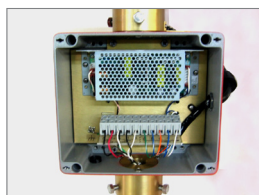
FAA Engineering Brief No. 67 (Current Edition)

**Long LED Life Expectancy and
Low Annual Energy Costs**



Benefits

- Superior quality and unmatched technical support
- Low Power Draw - entire system draws less than 100 Watts
- Nominal intensity - 15,000 effective candelas
- Beam Coverage - 10° vertically, 30° horizontally
- Flash rate: two flashes per second
- Separation: Control unit can be mounted in excess of 1,000 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 L830-4



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

Standard Options Available

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

Physical Specifications

SAL-1030 dimensions:
 Head and Junction Box: 24.75"H x 14.25"W x 5.58"D
 Weight (Head & Junction Box): 32lbs.
 Master Control Unit: 6.5"H x 13.5"W x 12"D
 Weight (MCU): 10.5lbs.
 System Ship Weight: 74.5lbs

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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

Spare Components

Description	Part Number
Diode Bridge	44-00174
Fuse	55-00267
Gas Discharge Tube	44-00177
24 Vdc Power Supply	44-00175
50 Vdc Power Supply (in junction box)	44-00176
Printed Circuit Board, LSM	344-30105
Printed Circuit Board, CSM	255-20086
Interlock Switch	55-00201
Flash Head	344-30520

Equipment Data

Control	Remote, local, or automatic
Current (rms Amps)	2.8 to 6.6
Power (Watts)	80 Average; 150 Peak
Flash Rate	120 fpm
Uni Nominal Intensity	High: 15000, medium 1500, low 300
Uni Beam Spread	30° horizontal 10° vertical

General Catalog Numbers

SAL1030 - - -

| | Type

V 1 = 120VAC

V 2 = 240V, 60Hz

V 3 = 230V 50 Hz

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