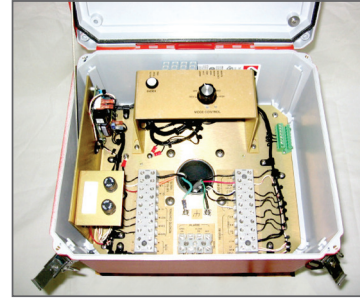
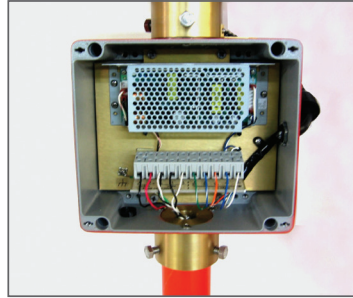


# Runway End Identifier Lights (REIL) LED



## Compliances (Current Editions)

FAA: AC 150/5345-51 and Engineering Brief No. 67, ETL Certified

ICAO: Annex 14, Vol. 1, para. 5.3.8

Canada: TP 312, 5th Edition, Sec. 5.3.10



## 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
- Beam Coverage - 10° vertically, 30° horizontally
- Flash rate: two flashes per second
- 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
  - 100-250VAC 50/60Hz
- Current-powered
  - 2.8 to 6.6 amperes
  - No power adapter required
  - True RMS current sensing
  - Operates from (2) 100 W isolation transformer
- Solar-powered operates from DC source custom configured to installation location

## General Catalog Numbers

SAL 1030-□-□-□ – Options

### Type

V = 100-250VAC 50/60Hz

I = 2.8A - 6.6A

S = Solar

### Style

A = Uni-directional, high intensity, one brightness step

C = Uni-directional, low intensity, one brightness step

E = Uni-directional, three brightness steps

1 = Elapsed Time Meter

2 = Current sense module (voltage units only)

4 = Flash Monitoring

6 = Separate Mount Flash Head (specify quantity)\*

*\*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

## Parts

Description	Part Number
LSM Circuit Board, Voltage	344-30105
LSM Circuit Board, Current	344-30105-I
Head Controller Board	344-30131
LED Optical Board Set	344-30145
Current Sensing Board	255-20086
50VDC Power Supply, Voltage	44-00146
50VDC Power Supply, Current	44-00176
24VDC Power Supply, Voltage	44-00104
24VDC Power Supply, Current	44-00175

### 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