# Airport**Lighting**Company

# **Runway End Identifier Lights (REIL)**







Omni Flashhead



Power Supplies



#### **Compliances (Current Editions)** FAA: AC 150/5345-51

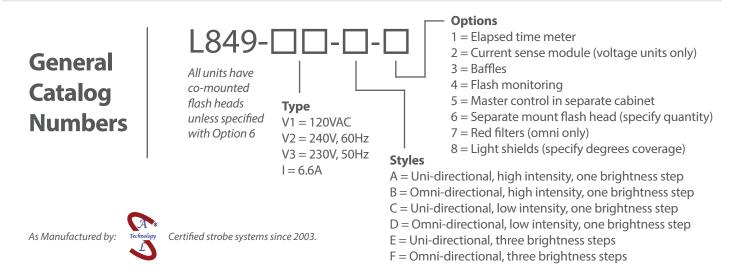
Canada: TP 312 5th Edition Section 5.3.10

### **Key Features**

- Low annual energy costs
- Five year flash lamp life expectancy
- High, medium and low intensity
- Primary/Secondary system operation
- Universal, field-programmable timing board
- Field programmable sequence timing
- Meets photometric beam requirements for MALSR, SSALR, and ALSF-I / II

# Applications

- ODALS Omni Directional Approach Lighting 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







# **Specifications**

## **Photometric Data**

		Effective Intensity		
Part #	FPM	High	Med	Low
L-849-I-A	120	15,000	-	-
L-849-VX-A	120	15,000	-	-
L-849-I-B	60	5,000	-	-
L-849-VX-B	60	5,000	-	-
L-849-I-E	120	15,000	1,500	300
L-849-VX-E	120	15,000	1,500	300
L-849-I-E	60	5,000	1,500	300
L-849-VX-E	60	5,000	1,500	300

## **Physical Specifications**

Uni Flashhead	11.5H x 8.5W x 7D (292 x 216 x 178)
Weight	4.5 lbs. (2 kg)
Omni Flashhead	15H x 13.5 Dia. (381 x 343)
Weight	8.4 lbs. (3.8 kg)
Primary Pwr.	8H x 16W x 14D (203 x 406 x 356)
Supply Weight	51 lbs. (23.2 kg)
Secondary Pwr.	8H x 16W x 14D (203 x 406 x 356)
Supply Weight	47 lbs. (21.3 kg)
Uni Co-Mounted	19.5H x 16W x 14D (495 x 406 x 356
	(FHUD-109 & PSUV-101)
Weight	56.5 lbs. (25.7 kg)
Omni Co-mount	23H x 16W x 14D (584 x 406 x 356)
Weight	59.4 lbs. (27kg)

## **Equipment Data**

Control	Remote, local, or automatic
Current (rms Amps)	2.8 to 6.6
Power (Watts)	150 Average; 290 Peak
Flash Rate	60/120 fpm
Uni Nominal Intensity	High 15,000;
Uni Nominal Intensity	Medium 1,500; Low 300
Omni Nominal Intensity	High 5,000;
Ommindemindensity	Medium 1,500; Low 300
Uni Beam Spread	30º horizontal 10º vertical
Omni Beam Spread	360º horizontal 8º vertical

# **Power Supply Models**

#### L-849 Styles A and E

255-20001/2 (Voltage-powere	d)
255-20003/4 (Current-driven)	

Note: Above power supplies can be used in sequential flashing configurations (MALSR, ALSF-I/II, SSALR)

#### L-849 Styles B and F

255-20005/6	(Voltage-powered)	)

255-20007/8 (Current-powered)

### **Specifications**

#### **Current-Powered**

2.8 to 6.6 amperes Operates directly from (2) 300W Isolation Transformers No power adapter required True RMS current sensing Current sensing set-up required at the Primary Unit Only **Voltage-Powered** 

120 VAC, 60 Hz | 240 V, 60 Hz | 230 V, 50 Hz Optional Current-Sensing Module for intensity control

### **Spare Components**

Description	Part Number
Timing & Control Board	255-20079
HV Rectifier Board for Voltage Unit	255-20081
HV Rectifier Board for Current Unit	255-20082
Current Sensing Board	255-20086
Trigger Transformer	55-00027
Uni Flash Tube (Par 56)	55-00145
Omni Flash Tube	55-00360

#### **Standard Options Available**

- Co-mounted or Separate mounted flashhead
- Uni-directional or Omni-directional
- 50 or 60 Hz
- Flash monitoring
- Elapsed time meter
- External master controller

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