

# L-804 LED Runway Guard Light

**ELEVATED LIGHTS - 1.5** 

# **COMPLIANCES**

L-804(L) FAA AC 150/5345-46 (current edition) FAA Engineering Brief 67D



**ETL Certified** 

Meets the additional requirements of FAA AC 150/5340-30 (current edition).

Meets "Buy American" requirements.

ICAO: Annex 14, Vol. I, Para 5.3.23 & Appendix 2, Fig. A2-25

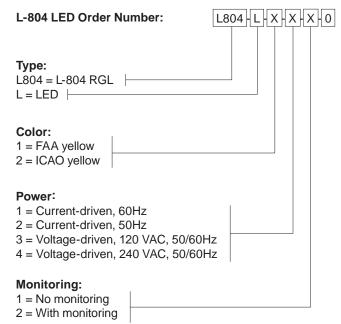
## PRODUCT APPLICATION

The L-804 LED Runway Guard Light (RGL) is a yellow unidirectional elevated fixture that alternately flashes to warn pilots that they are approaching a runway hold area and are about to enter an active runway. The RGL is typically installed in pairs with one on either side of the taxiway holding area.

# **FEATURES**

- Fewer LEDs used than other ETL-certified RGLs on the market.
- Less required maintenance compared to non-LED RGLs.
- Significantly reduces load on the CCR compared to non-LED RGLs.
- Complies with intensity requirements for 3-step and 5-step circuits.
- · Easy to install and maintain.
- Adjustable light beam: 0° to 20° vertically; ±20° horizontally.
- Alternating flash rate of 40-50 flashes per minute.
- · Corrosion-resistant.
- ICAO yellow and FAA yellow available.
- · Includes frangible coupling and tether.
- 300 MPH jet blast resistant.

## ORDERING INFORMATION



### **ACCESSORIES**

Depth

Description	Part Number
L-867 Base Can	AC2124-2Q2-00301
L-823 Primary Connector Kit (8 AWG, .320"/.430")	11174-01
L-823 Complete Kit (8 AWG, .320"/.430")	11805-01
Heat Shrink Tubing Kit	A2-20-0089-001
L-867B Base Plate, Heavy Duty	AP1832

## **WEIGHT AND DIMENSIONS**

Weight: ~ 40lbs including bottom support plate and frangible coupling

Dimensions:

Height 24 inches including bottom support plate and frangible coupling

Width 28 inches

5.5 inches without visors

13 inches with visors

# TRANSFORMER REQUIREMENTS

Description	Series Circuit	Fixture Load	Required Transformer	Part Number
Constant Current	6.6A, 60Hz	56.4VA	L-830-3 (65W)	11682
	6.6A, 50Hz	56.4VA	L-831-3 (65W)	11712
	20A/6.6A, 60Hz	56.4VA	L-830-5 (100W)	11684
	20A/6.6A, 50Hz	56.4VA	L-831-5 (100W)	11714
Voltage	120 VAC 50/60Hz	42.5VA	NA	NA
	240 VAC 50/60Hz	50.0VA	NA	NA

RENEWAL PARTS		EXPLODED VIEW
Description	Part Number	
Light Engine Replacement Kit (includes light engine assembly, wire extraction tool, insulator, gaskets and screws)	K1-02-0011-001	Front Plate  Light Engine  Visor
Current-driven PWA Replacement Kit (includes PWA, wire extraction tool, and gasket)	K1-02-0012-001	Assembly Frame Assembly  Steel Tether
Voltage-driven PWA Replacement Kit (includes PWA, wire extraction tool, and gasket)	K1-02-0031-001	Seal Quick Release Locking Pin w/ Lanyard
Lens Replacement Kit (includes clear lens, gasket and screws)	K1-02-0013-001	Cast Housing Cover Assembly
Photocell Replacement Kit (for voltage-driven)	K1-02-0048-001	2 Hole Tuff Seal Clampon Ferrite
Visors and Front Plate Kit (includes two visors, front plate and screws)	K1-02-0014-001	Hex Extension Tube
Tether, Steel	A1-05-0593-001	Frangible Coupling
Quick Release Locking Pin, w/Lanyard	A1-05-0571-001	Cover PWA Driver (Current-driven
Frangible Coupling	A1-17-1097-001	Gasket PWA shown here)
L-823 Power Cables:  Non-Monitoring Version  - Voltage-Driven	10518-101-001	
ingrallen ingine Figure	10518-101-001	

Installed Inside Fixture Installed Inside Can (Style 8, 12")

10518-101-001 10875-05-012

- Current-Driven

Installed Inside Fixture (48") 10518-101-048

Monitoring Version (Voltage- and Current-driven)

- Installed Inside Fixture

L-823 Cable Assembly, 5-Pin A2-17-0027-002

- Installed Inside Can

L-823 Female 5-Pin Adapter A2-17-0028-001



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