

# L-804 LED Runway Guard Light



Guard Light base plate ordered separately

## Compliances

FAA: Certified to FAA AC 150/5345-46 (Current Edition) and Engineering Brief No. 67  
T/C: Transport Canada TP 312, para. 5.3.12.7 and Appendix 5B Table 5B-1  
ICAO: Annex 14



## Application

Helps increase visibility at the hold position, especially during severe weather

## Key Features

- ETL Certified ensures performance
- Uses two 21 W LED optical assemblies
- Average LED life of 56,000 hours
- Energy efficient LED lighting reduces circuit load
- 2.8A-6.6A, 100-240VAC 50/60Hz, or 24VDC
- Adjustable light beam elevation with positive locking in one-degree increments
- Minimum average intensity exceeds 3000 candela
- Alternately flashes 45-50 times per minute
- Easy to maintain - no special tools required
- High-strength, powder coated frame and aluminum housing with stainless steel hardware
- Independent black signal head visors provide protection during inclement weather conditions and enhanced contrast during daylight operations
- 2-inch frangible column and tether with positive lock canting
- Supplied with tether and anti-rotation locking plate
- 300 MPH jet blast resistant
- Base unit supplied with a dry contact output for monitoring

## General Catalog Numbers

RGL-□□-□-S-□

C = Mode 1 - 2.8A-6.6A

V = Mode 2 - 100-240VAC 50/60Hz

S = Solar - 24VDC

U = Unmonitored  
M = Monitored

**Option**  
1 = On/Off Switch

Standard Height



# Specifications

## Power Consumption

### Mode 1 (on Ferroresonant Regulator)

Input	Power Factor	VA
6.6	.9	64
5.2	.9	33
4.1	.9	21
3.4	.9	16
2.8	.9	13

### Mode 1 (on SCR Regulator)

Input	VA
6.6	59
5.2	40
4.1	23
3.4	18
2.8	20

### Mode 2 (at 240V, 60Hz)

Light Output	Watts
Full Intensity	37
Low Intensity	15

## Replacement Parts

Part #	Description	Compatible
RGL-2	Front Panel with Visors	Mode 1 & 2
RGL-6	12" Base Plate for L-867B	Mode 1 & 2
RGL-8	Lens	Mode 1 & 2
RGL-18	LED Light Engine	Mode 1 & 2
RGL-19	Control Board	Mode 1 & 2
RGL-20	Power Supply, Voltage	Mode 2
RGL-21	Power Supply, Constant Current	Mode 1
RGL-23	Series Surge Arrestor	Mode 2
RGL-25	On/Off Switch, Constant Current	Mode 1
RGL-26	On/Off Switch, Voltage	Mode 2
RGL-38	Spanner Wrench	Mode 1 & 2
RGL-41	Photodiode Assembly	Mode 2
RGL-50	Frangible Column	Mode 1 & 2
34-100666	100 Watt Isolation Transformer	Mode 1