



Flight Light Inc.
 2708 47th Ave.
 Sacramento, California, U.S.A.
 95822-3806



**Elevated LED
 Runway Guard Light (RGL)
 Certified FAA L-804**

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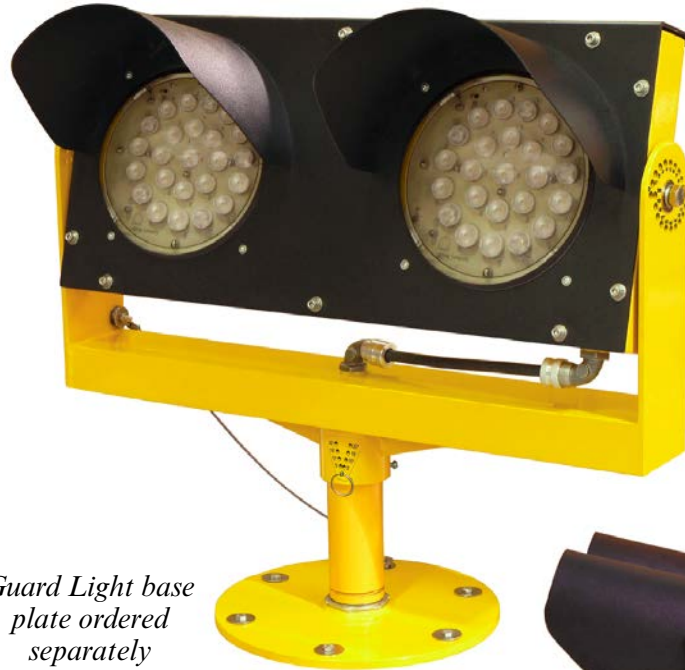
Compliance and Applications

Certified to FAA AC 150/5345-46 (Current Edition) for L-804 applications; EB-67.

Our LED Runway Guard Light (RGL) provides a warning to pilots or drivers of ground vehicles that they are approaching an active runway. The RGL increases hold position visibility, especially during bad weather.

Features

- Uses two 21W LED optical assemblies.
- Average LED life of 50,000 hours.
- Energy efficient LED lighting reduces circuit load.
- Operates on FAA constant current regulators, either 3 or 5 step. 120V and 240V systems also available.
- Adjustable light beam elevation with positive locking in one-degree increments.
- Minimum average intensity exceeds 3,000 candelas.
- 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.



Guard Light base plate ordered separately



Ordering Codes

Fixture	Power	Monitoring	Height
EL-RGL	C: Current (Mode 1 Series Powered) V: Voltage (Mode 2 Parallel Powered)(120/240V)	U: Unmonitored M: Monitored	S: 14" standard height* T: 26" height for applications in snow

* Standard height is from the ground up to the bottom of the light emitting surface. Custom heights may be specified.

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Power Consumption

Mode 1 (on Ferro Resonant Regulator)

Supply Current	Power Factor	VA
6.6	.96	59
5.2	.95	40
4.1	.95	23
3.4	.94	18
2.8	.94	20

Mode 1 (on SCR Regulator)

Supply Current	VA
6.6	59
5.2	40
4.1	23
3.4	18
2.8	20

Mode 2 (at 120V, 60Hz)

Light Output	Watts
Full Intensity	34.7
Low Intensity	15.5

Replacement Parts

Part #	Description	Compatible
RGL-18	LED Light Engine	Mode 1 & 2
RGL-19	Control Board	Mode 1 & 2
RGL-2	Front Panel with Visors	Mode 1 & 2
RGL-8	Lens	Mode 1 & 2
RGL-29	Frangible Column	Mode 1 & 2
RGL-38	Spanner Wrench (optional)	Mode 1 & 2
RGL-6	12" Base Plate for L-804	Mode 1 & 2
RGL-21	Constant Current Power Supply	Mode 1
RGL-25	Constant Current On/Off Switch (optional)	Mode 1
34-3	65 Watt Isolation Transformer	Mode 1
RGL-20	Voltage Power Supply	Mode 2
RGL-41	Photodiode	Mode 2
RGL-23	Series Surge Arrestor	Mode 2
RGL-26	Voltage On/Off Switch (optional)	Mode 2

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