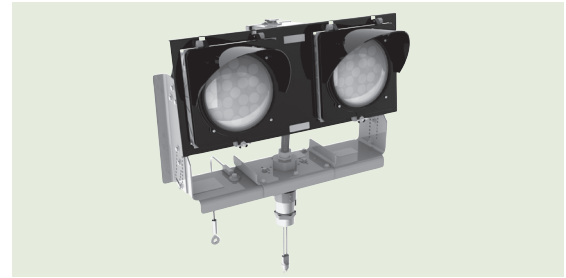


RGL4-LED, L804

Runway Guard Light

Compliances:

FAA AC 150/5345-46: L-804; EB67B
ICAO Annex 14, Fig. A2-25



Applications

The RGL4 (Runway Guard Light) is used to enhance the visibility of taxiway holding positions, preventing runway incursions and warning pilots they are approaching an active runway. Two RGL4 fixtures are installed one at each end of the holding position line. Each fixture alternately flashes its two signal heads.

Features



- ETL Certified
- Uses two 21W LED optical assemblies
- Average LED life of 50,000 hours
- LED lighting reduces circuit load
- Operates on FAA constant current regulators, both 3 and 5 step
- Adjustable light beam elevation with positive locking in one-degree increments
- Minimum average intensity exceeds 3000 candelas in traffic yellow
- Alternately flashes 45–50 times per minute
- Easy to maintain – no special tools required
- External ON/OFF switch allows field maintenance without de-energizing entire power loop (see option 1)
- High-strength frame and aluminum housing
- Independent black signal head visors provide protection during inclement weather conditions and enhanced contrast during daylight operations
- Base mounted with 2-inch frangible coupling and tether
- Supplied with tether and 12-inch anti-rotation locking plate
- 300 MPH jet blast resistant
- Base unit supplied with a dry contact output for monitoring
- Computer control and monitoring available (consult factory for assistance)

Ordering Information

8 0 4 E 4 - - -

Fixture Type:

Elevated:

RGL Model:

4 = Two 21W LED Optical Assemblies

Input Power:

066 = 6.6 Amp Series Circuit (Mode 1)

024 = 24 VDC (Solar applications, battery pack and solar panel not included, consult factory)*

120 = 120/240 VAC (Mode 2)

Options:

0 = No Options

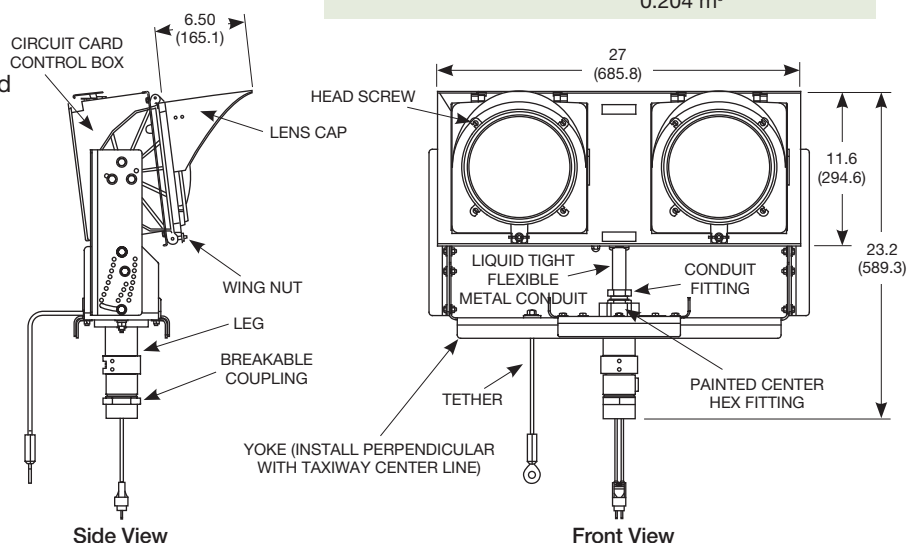
1 = External ON/OFF switch, 6.6 A. (Standard on voltage model)

2 = Monitoring cable, 5 pin (Standard on voltage model)

3 = Anti-rotation plate for 16-inch diameter baseplate.

* Not FAA Recognized

Dimensions:	inches (mm)
Instruction Manual:	1009
Shipping Weight:	55 lbs. 25 kg
Shipping Volume:	7.22 cu. ft. 0.204 m ³



Typical Photometric Data

Operation conditions

Temperature: -40°F to +130°F (-40°C to +55°C)

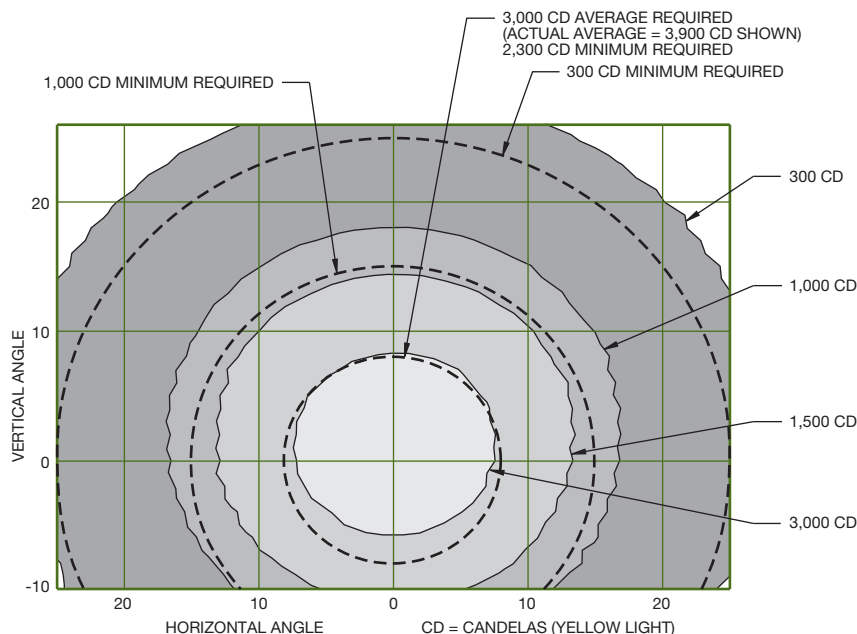
Humidity: 0 to 100%

Wind: 300 mph (480 kph)

Input power

- FAA mode 1, Current Driven - Lumen intensity steps powered by series circuit (6.6a/20a with proper isolation transformer). Max fixture load 55W, 58Va, PF .94, transformer required 65W.
- FAA mode 2, Voltage Driven - 120/240Vac, 50/60Hz. Lumen intensity steps via photocell from full intensity for day operations to 30% for night operations.
- Solar Power*: 24Vdc

* Not FAA Recognized



Typical photometric output of runway guard light,
yellow, steady burning @ 6.6 amps

Accessories

Description	Catalog Number	Shipping Weight lb.	Shipping Weight kg.	Shipping Volume cu.ft.	Shipping Volume cu.m.
Base L867, Class I, 24" Deep	AC21242H200301	52.0	23.6	2.6	0.074
Baseplate, 12" Diameter	AP1832				
Baseplate, 16" Diameter	AP2832				
CLD control & monitoring cable assembly	50278-1				
CLD control & monitoring module	T6540-03-01-00				
Isolation Transformer, 65 Watts, 6.6/6.6 A	33003	8.9	4.04	0.3	0.004

Renewal Parts

Description	Part Number	Description	Part Number
120/240 VAC Power Supply	50542	Frangible Coupling	60683-10A
6.6a Power Supply	50539	LED Assembly, RGL	50547
6.6a Transformer Assembly	50554	Tether	50574
Anti-rotation Plate, 12"	50244	Visor	50573
Anti-rotation Plate, 16" (option 3 only)	50244-1		

