

# Runway & Taxiway Elevated Lights

## PRO APF L-804 (L)

### Runway Guard Light – LED

#### Compliances:

FAA: AC 150/5345-46 Current Edition: L-804

FAA: EB67 Current Edition

ICAO Annex 14, Fig. A2-25



#### Applications

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

#### Features



- ETL certified
- Monitoring feature, L-823, Style 7 cable standard
- 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 3,000 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" frangible coupling and tether
- Supplied with tether and 12" 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	-	A	P	1	-				
---	---	---	---	---	---	---	---	---	--	--	--	--

Fixture type:  
804 = FAA L-804

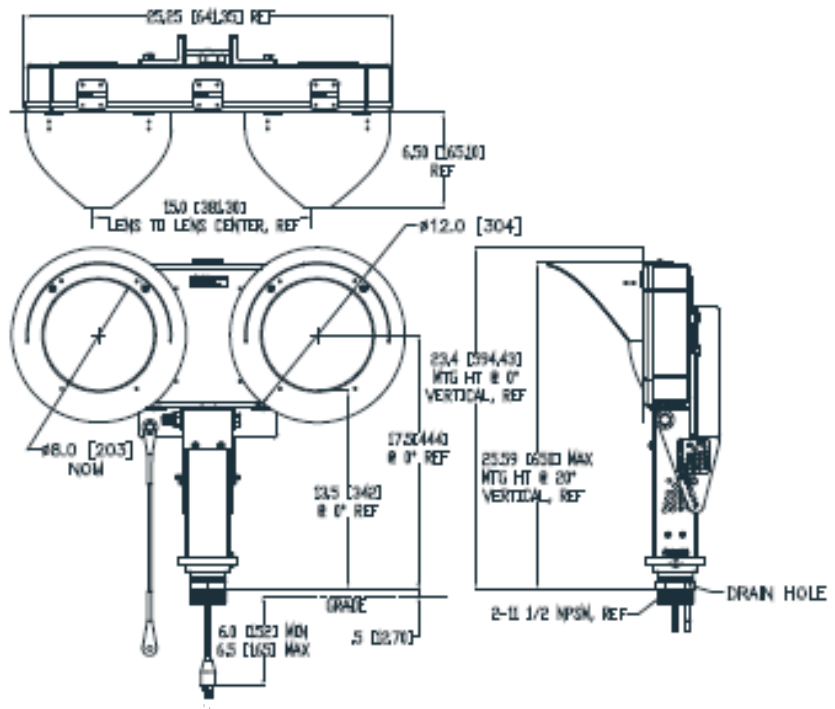
Style:  
E = Elevated

Model:  
AP1 = Pro APF series

RGL model:  
066 = 6.6A constant current operation

Options:

- 1 = External ON/OFF switch
- 3 = Anti-rotation plate for 16" diameter baseplate



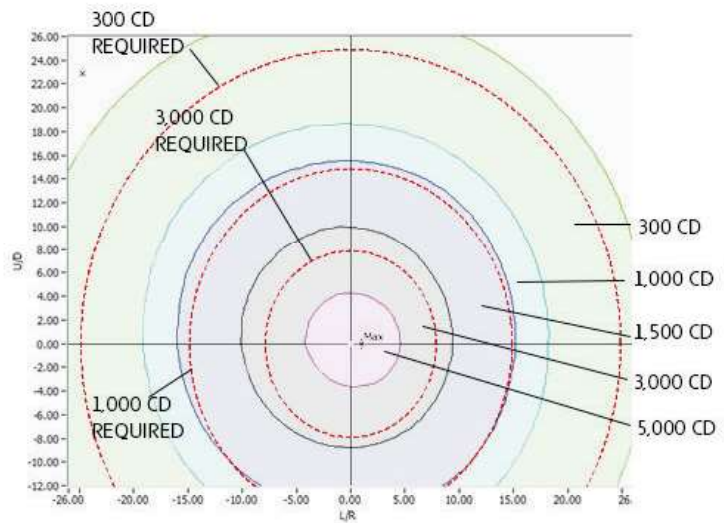
## Typical Photometric Data

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 0.94, transformer required 65W.



Typical photometric output of runway guard light, yellow, steady burning at 6.6A

Instruction Sheet:	1192
Shipping Weight:	35.0 lbs. 16.0 kg.
Shipping Volume:	7.22 cu. ft. 0.204 m <sup>3</sup>

## Accessories

Description	Catalog number	Shipping weight		Shipping volume	
		lbs.	kg.	cu. ft.	cu. m.
Base L-867, Class I, 24" deep	AC21242H200301	52.00	23.60	2.60	0.074
Baseplate, 12" diameter	AP1832				
Baseplate, 16" diameter	AP2832				
CLD control and monitoring cable assembly	50278-1				
CLD control and monitoring module	T6540-03-01-00				
Isolation transformer	See transformer section				

## Renewal Parts

Item description	Catalog number	Item description	Catalog number
6.6A universal power supply	21696-3 21696-4 (alternate)	LED assembly, RGL	50637
Expansion board	50612	Tether	60984
Anti-rotation plate, 12"	50244	Visor	50657
Anti-rotation plate, 16" (option 3 only)	50244-1		
Frangible coupling	50598		