



RGL

ELEVATED RUNWAY GUARD LIGHT



COMPLIANCES

ICAO: Annex 14 - Volume I Fig. A2-25

FAA: L-804 AC150/5345-46

IEC: TS 61827

NATO: STANAG 3316

CAA: CAP 168

IAAE: TP312

APPLICATIONS

Elevated Runway Guard Light is to light fixture with dual alternating yellow light sources intended to warn to pilot or driver of to ground vehicle that they are about to enter to runway

BENEFITS

- Two versions available: parallel power supply (120 VAC or 230 VAC \pm 10%) or series power supply (50-60 Hz)*
- 1000 hours lamp rated life at full intensity, but over 3000 hours in field operating conditions
- Tempered glass front lenses
- Vertical Adjustment: 0° to +20° with 1° locking provision
- Horizontal Adjustment: \pm 20° with 5° locking provision
- No optical adjustment after lamps or front lenses replacement

*It is suggested to feed the fixture with current not lower than 4.1 A

PERFORMANCES

- Both luminous sources are surrounded by to black face and are equipped with to visor to reduce the amount of incident sunlight and maximize the contrast between the ON-OFF status
- Frangibility in compliance with FAA AC 150/5345-46
- Lamps: 100 W 6.6 A PK30/d base
- Lenses colour: US yellow traffic signal (FAA version), ICAO-IEC yellow (ICAO version)
- Flash rate: alternating flashes, 45-50 for minute
- Monitoring: lamp failure, flasher failure, flasher malfunction
- On request, for parallel power supply, each fixture can be provided with pre-calibrated photocell in order to adapt the luminous output to the ambient light. Day: 100% intensity (5-6 ambient lux) - Night: 30% intensity (2.5-3 ambient lux)
- Tether
- Protection degree: IP44
- Temperature range: -55°C to +55°C

INSTALLATION

- The fixture must be installed on reinforced baseplate, approved for this application

PHOTOMETRIC PERFORMANCES

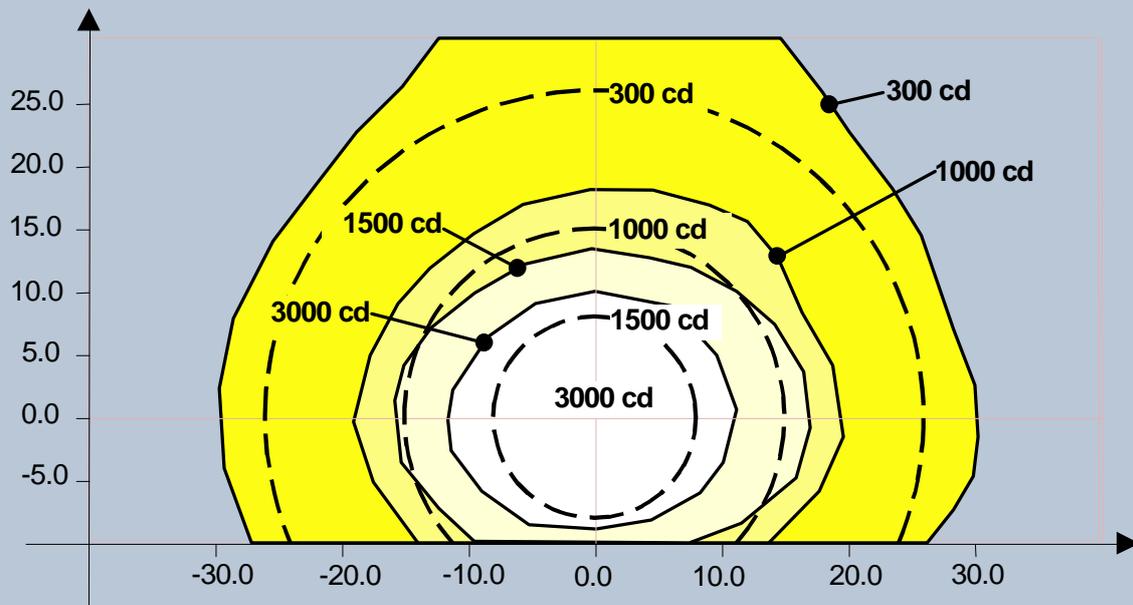


Fig. 1 ICAO A2-25 – Yellow

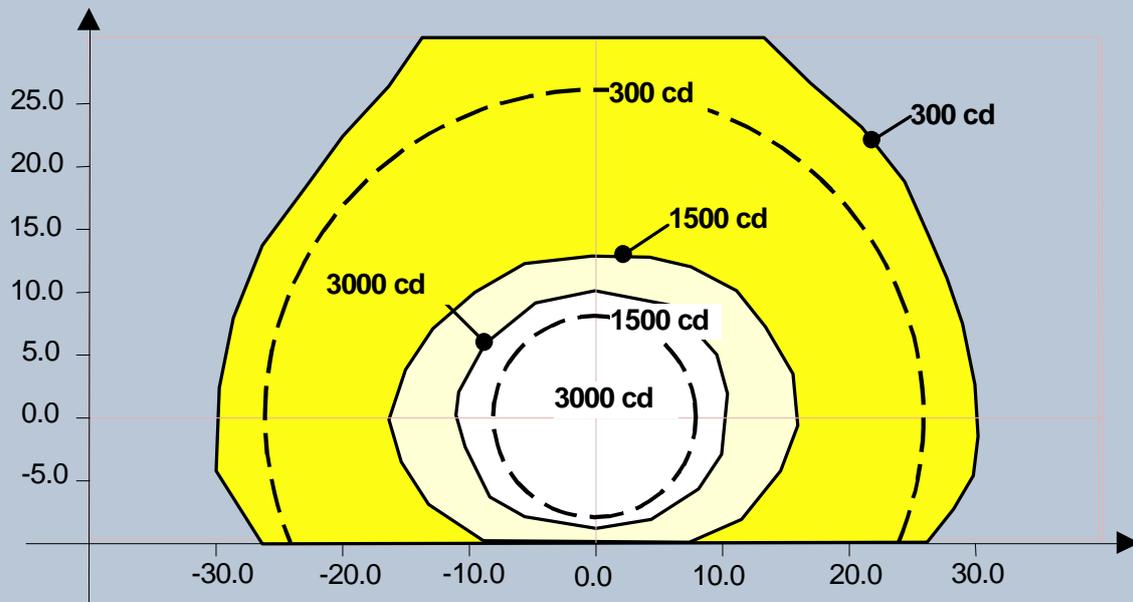
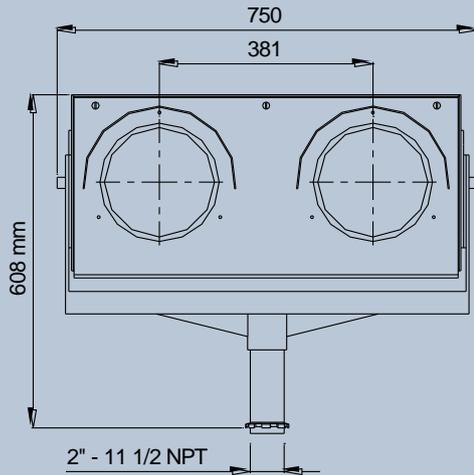
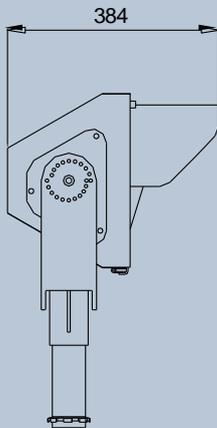


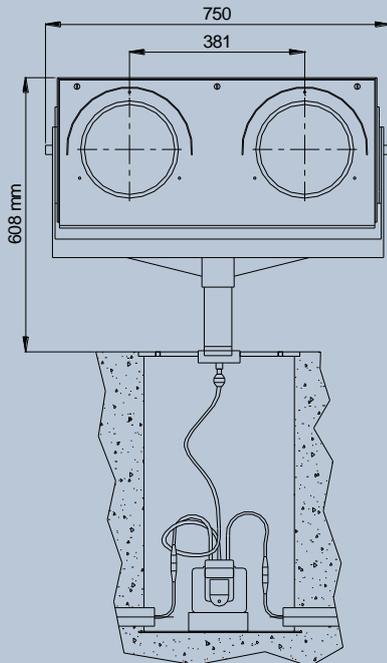
Fig. 2 FAA L-804 – Yellow



Front View



Side View



FAA L-867 Deep Base and Base Plate

6804 - 1 - YY - 2 - 2 - T

Basic P/N: _____

Functioning Mode: _____

1 = Series Circuit 6,6A 50/60Hz

2 = 120V AC 50/60Hz

3 = 230V AC 50/60Hz

Lenses: _____

YY = Yellow Traffic Signal (FAA)

RR = Red Traffic Signal (no Specs compliances)

IY = Yellow ICAO (ICAO)

Photocell (only for Mode 2 or 3): _____

1= With Photocell

2 = Without Photocell

Monitoring: _____

1 = With Monitoring

2 = Without Monitoring

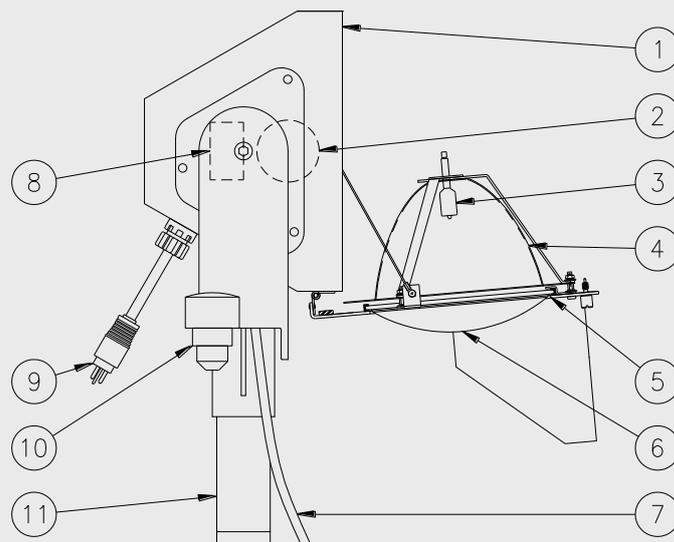
Options: _____

T = Tether (standard for FAA fixtures)

RENEWAL PARTS FOR LIGHT UNIT

- 1 Front panel gasket
- 2 Transformer (only for Mode 2 or 3)
- 3 Lamp
- 4 Reflector with lampholding plate
- 5 Lens gasket
- 6 Lens
- 7 Tether
- 8 Control board
- 9 Cable lead with plug
- 10 Photocell (only for Mode 2 or 3)
- 11 Breakable coupling

Refer to the relevant technical manual for the complete list of the available spare parts

**ACCESSORIES**

- 011.3008 Five-pole cable lead with five-pole receptacle and two-pole L-823 plug
- 315.1228 Base L-867, Class IA, size B, 24" Deep
- 315.1063 Baseplate for L-867 base with gasket and cable clamp (2" - 11 1/2 NPS thread)

For any information about isolating transformers and connectors, please see the specific catalogue pages

Shipping Weights and Volumes

	Light Unit	Fixture with Breakable Coupling
Weight (kg)	13,8	15,7
Volume (m³)	0,098	0,144

We reserve the right to change the design or specification data without notice

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