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Elevated Runway
 Guard Light (RGL)
 FAA Compliant: L-804

Compliance and Applications

FAA Compliant: L-804
 FAA AC 150/5345-46
 ICAO Annex 14

Our elevated Runway Guard Light (RGL) features dual alternating yellow light signals intended to warn a pilot or driver of a ground vehicle that they are about to enter a runway. These light fixtures may be powered from a series circuit or operated from a 120V or 240V 50 or 60 Hz source.



Specifications

All Systems:

Operating Temperature -67°F (-55°C) to +131°F (+55°C)
 Humidity 0 to 100%
 Frangibility 1300 ft-Lb (1762 N-m) to 2100 ft-LB (2846 N-m)
 Flash Rate 45 to 50 Alternating Flashes per min.
 Mounting Height 24.5 to 32 inches
 Stray Light Shield Integral to front panel
 Alarms Dry contact, self-resetting
 Monitored Lamps Out, Flasher Failure, Missed Flash

Optics:

Lenses Heat Resistant Tempered Glass
 Lens Color US - Traffic Signal Yellow
 CIE Color Coordinates y not less than 0.411 nor less than 0.95 - x nor greater than 0.452.
 Vertical Adjustment 0 to ±20° with 1° Locking Provision
 Horizontal Adjustment ±20° with 5° Locking Provisions

Lamp 100W PK30 Style 6.6A
 Reflector Parabolic Polished Aluminum
Series Circuit Powered:
 Input Power 6.6A 50/60Hz (nominal 130W), 3 Step CCR recommended
 Transformer Options 6.6A - 6.6A 200W 50Hz or 60Hz, 20A - 6.6A 200W 50Hz or 60Hz
Voltage Powered:
 Input Power Option 1: Nom. 120VAC 60Hz 2.3 Amps max; Option 2: Nom. 240VAC 60Hz 1.3 Amps max; Option 3: Nom. 220VAC 50Hz 1.3 Amps max.
 Line (Mains) Variation +10% to -10%
 Intensity Control Photocell preset automatic for Day 100% intensity, (50 - 60 ft-cd ambient); Night 30% intensity, (25 - 35 ft-cd ambient)

Ordering Code

Part Number	Mode	Lens	Photocell	Monitor
6804	1: Series Circuit 6.6A 50/60Hz 2: 120V AC 50/60Hz 3: 220-240 VAC 50/60Hz	YY: Traffic Signal Yellow (FAA compliant) RR: Traffic Signal Red (not FAA compliant) IY: ICAO Yellow (ICAO Compliant)	1: With Photocell 2: Without Photocell	1: Monitored 2: Without Monitor

Example: 6804-3-YY-1-1 is an FAA compliant voltage powered fixture with monitoring and photocell.

Note: Baseplates and bases and series circuit transformers are sold separately.

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