

## Runway Guard Light



**Compliances:** FAA AC 150/5345-46  
ICAO Annex 14

### Applications

Elevated Runway Guard Light is a light fixture with 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.

### How to order

**Example:**

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



**Mode :** \_\_\_\_\_

- 1) Series Circuit 6.6A 50/60Hz
- 2) 120V AC 50/60Hz
- 3) 220-240 VAC 50/60Hz

**Lenses :** \_\_\_\_\_

- YY - Traffic Signal Yellow (FAA compliant)
- RR - Traffic Signal Red (not FAA compliant)
- IY - ICAO Yellow (ICAO compliant)

**Photocell : (Mode 2 or 3 only)** \_\_\_\_\_

- 1 - With Photocell
- 2 - Without Photocell

**Monitor :** \_\_\_\_\_

- 1 - Monitored
- 2 - Without Monitor

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

---

## Detail Specifications:

---

Parameter	Specification
<b>All Systems</b>	
Operating Temperature	-68°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 minute
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
<b>Optics</b>	
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 Degrees with 1 degree locking Provision
Horizontal Adjustment	± 20 Degrees with 5 degree Locking Provisions
Lamp	100W PK30 Style 6.6A
Reflector	Parabolic Polished Aluminium
<b>Series Circuit Powered</b>	
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
<b>Voltage Powered</b>	
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) Vibration Intensity Control	+10% - 10% Photocell preset automatic for Day 100% intensity, (50 – 60 ft-cd ambient) Night 30% intensity, (25 – 35 ft-cd ambient)



**OCem**<sup>®</sup>

Via 2 Agosto 1980, 11  
40016 S. Giorgio di Piano (BO) – ITALY  
Tel: +39 051 665 6611  
Fax: +39 051 665 0099  
www.ocem.com - ocem@ocem.com

### Multi Electric Mfg.

4223-43 West Lake Street  
Chicago, Illinois 60624-1787  
Phone (773)722-1900  
Fax (773)722-5694  
email sales@multielectric.com