



Flight Light Inc.  
2708 47th Ave.  
Sacramento, California, U.S.A.  
95822-3806

PH (916) 394-2800 FX (916) 394-2809  
TF (800) 806-3548 EM info@flightlight.com

## ZA389L Low Intensity LED Runway Guard Light

### Compliance and Applications

ICAO Annex 14, Volume 1, Chapter 5.3.20, config. A, Fig. 2.24

CAA CAP168, Licensing of Aerodromes, Chapter 6, Table 6A/1 Fig.10, Feb. 2001 edition

Elevated runway guard lights for use at taxiway/runway intersections to avoid incursion onto an active taxiway/runway, as required by the standards (CAP 168 ICAO 5.3.20).

### Features

- Long life LED light source.
- LED light source complies with ICAO photometric requirements, flashing at 45 cycles per minute. The light color complies with the traffic yellow requirement.
- No planned maintenance is required for the life of the unit, however, access for inspection purposes only to the LED arrays, micro-processor and wiring harness is achieved very simply through the LED mounting at the front of the unit.
- The LED module is double protected against environmental degradation.
- The unit can be adjusted from 0° to 20° vertically and locked by means of the mounting support brackets. For non-frangible arrangements, support brackets can be bolted directly on to a concrete pad, using M12 bolts and nuts.
- Slots in the support brackets enable alignment of the unit with the taxiway/runway.
- The robust yellow polyethylene housing is highly visible.
- All fasteners are stainless steel.



### Options

- Frangibility can be achieved by mounting the unit onto standard frangible couplings and adapters.
- Single point L-867 mounting frame with 2" BSP frangible coupling.

### Electrical Supply

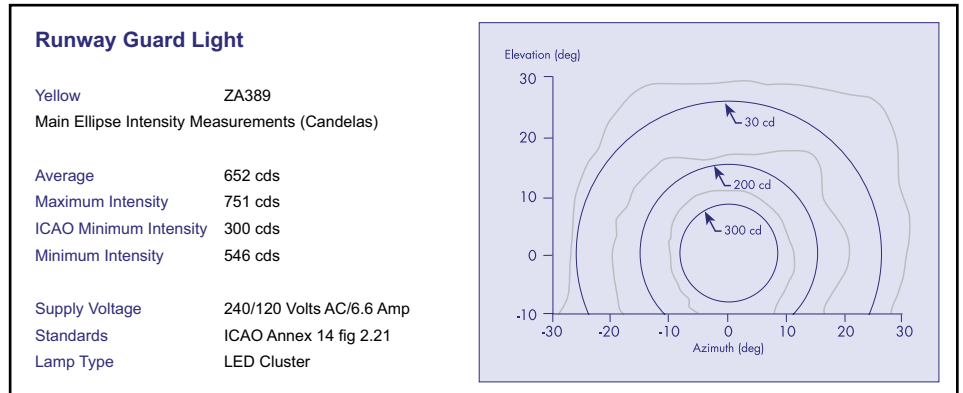
- Supplied as one of the following:
  - (a) Airfield Constant Current (2.8 - 6.6A supply) using a 45W isolating transformer
  - (b) 110V AC mains supply
  - (c) 220V AC mains supply
- Nominal power consumption is approximately 28 watts.

### Packaging Data

Light unit:  
 Net weight 12.13 lb. (5.5kg)  
 Gross weight 13.23 lb. (6.0kg)  
 Carton size 33.46" (850mm)(w) x 11.81" (300mm)(d) x 13.78" (350mm)(h)

Power pack:  
 Net weight 4.4 lb. (2.0kg)  
 Gross weight 5.5 lb. (2.5kg)  
 Carton size 9.45" (240mm)(w) x 5.9" (150mm)(d) x 5.12" (130mm)(h)

### Photometric Performance



**Visit our web site: [www.flightlight.com](http://www.flightlight.com)**