



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

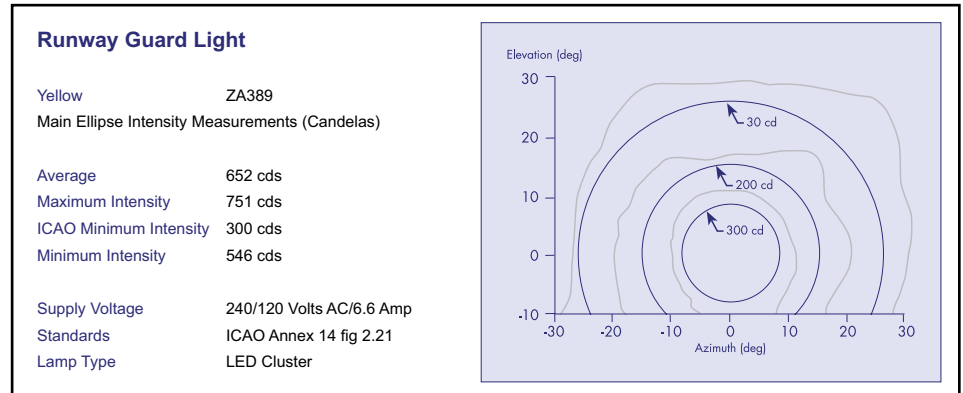
Light unit:

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