



# ZA389L

Runway Guard light  
utilising LED

Low intensity elevated led  
runway guard light

## Features

- LED light source for exceptionally long life
- LED light source complies with ICAO photometric requirements, flashing at 45 cycles per minute.
- No planned maintenance is required for the life of the unit, however, access for inspection purposes only to the LED arrays 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, these support brackets can be bolted directly on to a concrete plinth, using M12 studs and nuts
- All fasteners are stainless steel
- The robust yellow polyethylene housing is highly visible.

## Application

Elevated runway guard lights for use at taxiway/runway intersections to avoid incursion onto an active taxiway/runway, as required by the standards (CAP168 ICAO 5.3.22).

## Options

- Frangibility can be achieved by mounting the unit onto standard [atg airports](#) frangible couplings and adapters
- Single point L-867 mounting frame with 2" BSP frangible coupling

## Electrical supply

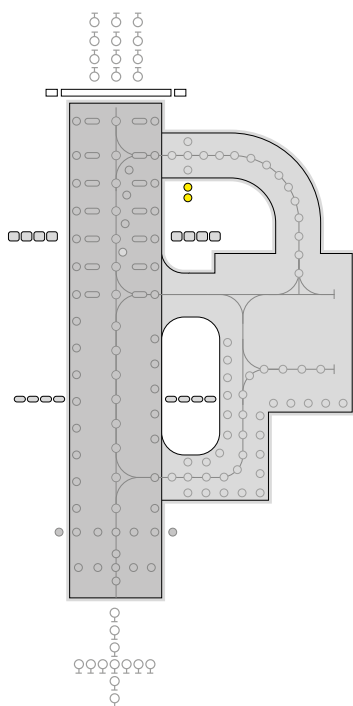
- Supplied as one of the following:
  - (a) Airfield Constant Current (2.8 - 6.6A supply) using a 45W isolating transformer
  - (b) 110V AC mains supply
  - (c) 220V AC mains supply
- Nominal power consumption is approximately 28 watts

## Packaging data

Light unit	
Net weight	5.5kg
Gross weight	6.0kg
Carton size	850mm(w) x 300mm(d) x 350mm(h)
Power pack:	
Net weight	2.0kg
Gross weight	2.5kg
Carton size	240mm(w) x 150mm(d) x 130mm(h)

## Compliance with standards

- CAA CAP168, Licensing of Aerodromes, Chapter 6, Fig.6A.20 Low Intensity Runway
- ICAO Annex 14, Volume 1, Chapter 5.3.20, config. A, Fig. 2.24



# Photometric performance

## Runway Guard Light

Yellow ZA389L

Main Ellipse Intensity Measurements (Candelas)

Average 652 cds

Maximum Intensity 751 cds

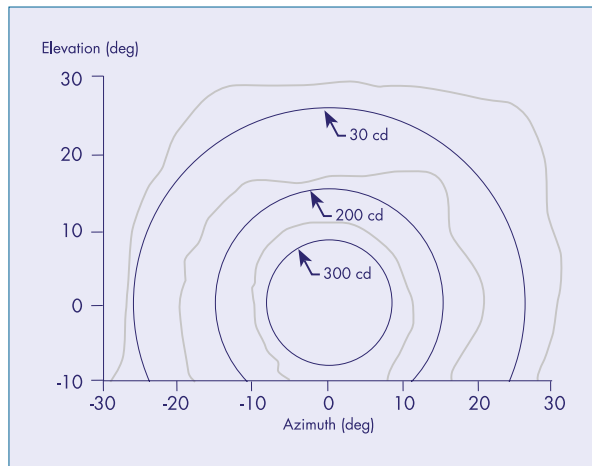
ICAO Minimum Intensity 300 cds

Minimum Intensity 546 cds

Supply Voltage 240/120 Volts AC/6.6 Amp

Standards ICAO Annex 14 fig 2.21

Lamp Type LED Cluster



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