

ZA389 Runway Guard Light

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. The light colour 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, these support brackets can be bolted directly on to a concrete plinth, using M12 studs and nuts
- Slots in the support brackets enable alignment of the unit with the taxiway/runway
- All fasteners are stainless steel
- The robust yellow polyethylene housing is highly visible.

compliance with standards

- **CAA** CAP168, Licensing of Aerodromes, Chapter 6, Table 6A/1 Fig.10, Feb. 2001 edition
- **ICAO** Annex 14, Volume 1, Chapter 5.3.20, config. A, Fig. 2.24

application

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).

options

- Frangibility can be achieved by mounting the unit onto standard [atg airports](#) frangible couplings and adapters.

electrical supply

- Supplied as one of the following:
 - (a) Airfield Constant Current (2.8 - 6.6A supply)
 - (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)

photometric performance

Runway Guard Light

Yellow	ZA389
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

