

LED technology

Apollo

High Intensity Elevated
LED Runway Guard Light



Applications

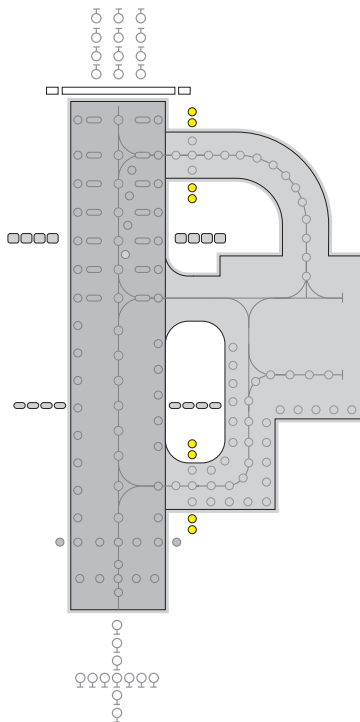
CAT I/II/III all weather operation
airfield ground lighting systems.

Compliant with Latest International Standards*

- ▶ ICAO Annex 14. Vol 1
- ▶ FAA L-804†
- ▶ FAA Engineering Brief No.67
- ▶ IEC 61827
- ▶ EASA
- ▶ Stannag 3316 (NATO)

* As applicable to the application, compliance with other civil aviation and military regulations confirmed on request

†For height, frangibility, and photometric output



Apollo High intensity LED elevated runway guard light



Electrical Performance

Main Beam Aperture		Colour	Typical Power Consumption - Watts (VA) @ 6.6A					
Horiz(°)	Vert(°)		Per Beam Watts	Fitting* Watts (VA)	PF	Tx Primary** Watts (VA)	PF	Isolating Transformer
-8° to +8°	-8° to 8°	Yellow	20W	25VA	0.9	25W	0.9	45W

Fixture Operational Current Range: 2.7 to 6.7A RMS - 50/60Hz

Notes: Isolating transformer shall be suitably sized to accommodate specific secondary and other applicable losses.

* as measured at the input leads of the fixture.

** as measured across the primary winding of an appropriately sized isolation transformer with a total fixture and transformer secondary length not exceeding - 1.85m (72"). CCR shall be suitably sized for the indicated transformer VA for the relevant isolating transformer utilised.

*** adjustable angle 0°, 5°, 11°, 15°, and 20°

**** Wind loading max 300mph (483Kph)

Environmental Conditions

▶ Ambient Temperature -40°C to +55°C (-67 °F to +131°F)

▶ Ingress Protection > IP65

▶ Storage Temperature -40°C to +55°C (-67 °F to +131°F)

Specification

High Intensity Runway Guard Light ICAO Fig. A2-25

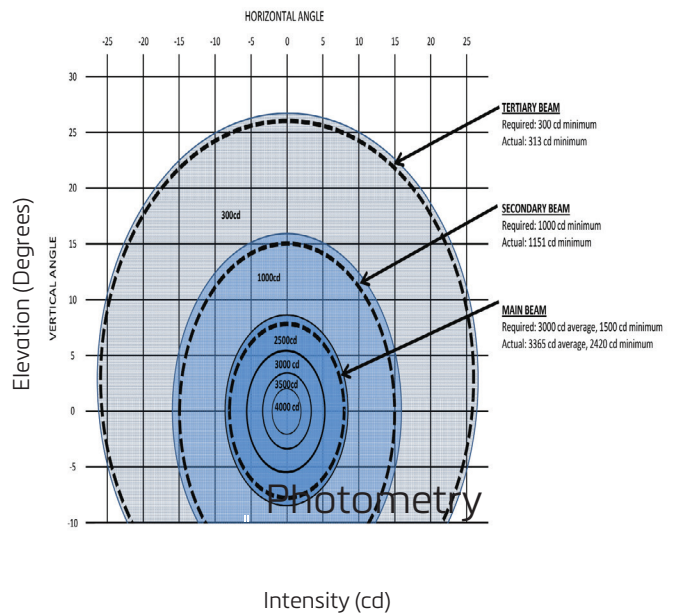
Colour	Yellow
Max/Min Intensity ratio	<3.0
Main ellipse average intensity	3000cnds
Main ellipse minimum intensity	1500cnds
Second ellipse minimum intensity	1000cnds
Third ellipse minimum intensity	300cnds

Typical Measured Values

Colour	Yellow
Main ellipse average intensity	3436cnds
Main ellipse maximum intensity	2496cnds
Main ellipse minimum intensity	1173cnds
Second ellipse minimum intensity	1165cnds
Third ellipse minimum intensity	343cnds

* Photometry tested under steady rate, actual flash rate 45/50 flashed per minutet

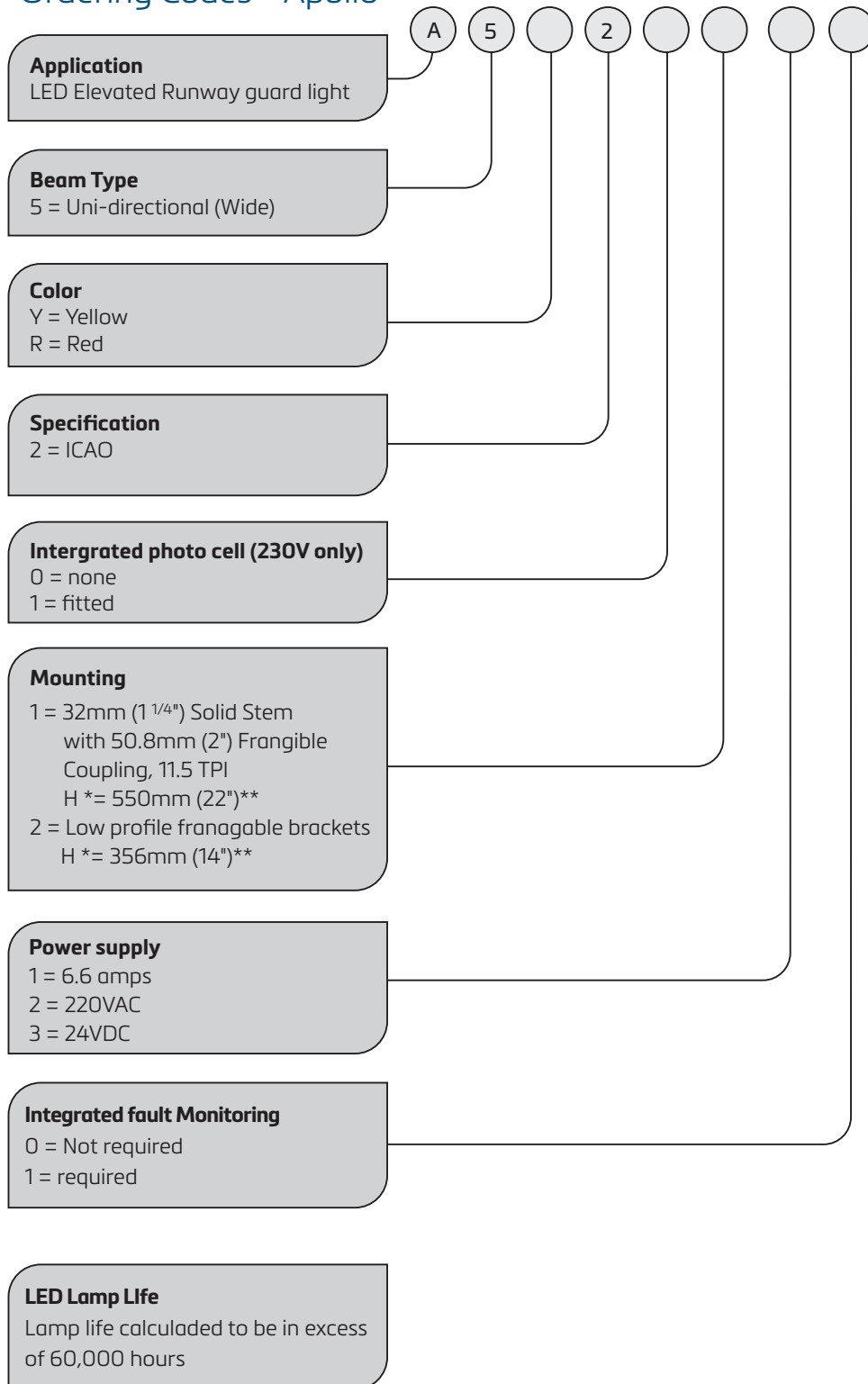
Photometry vs. Specification



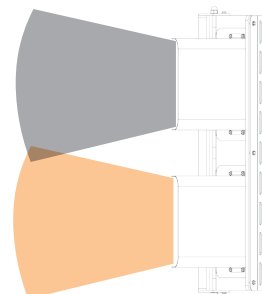
Apollo High intensity LED elevated runway guard light



Ordering Codes Apollo



Beam Options



Apollo
Uni - directional



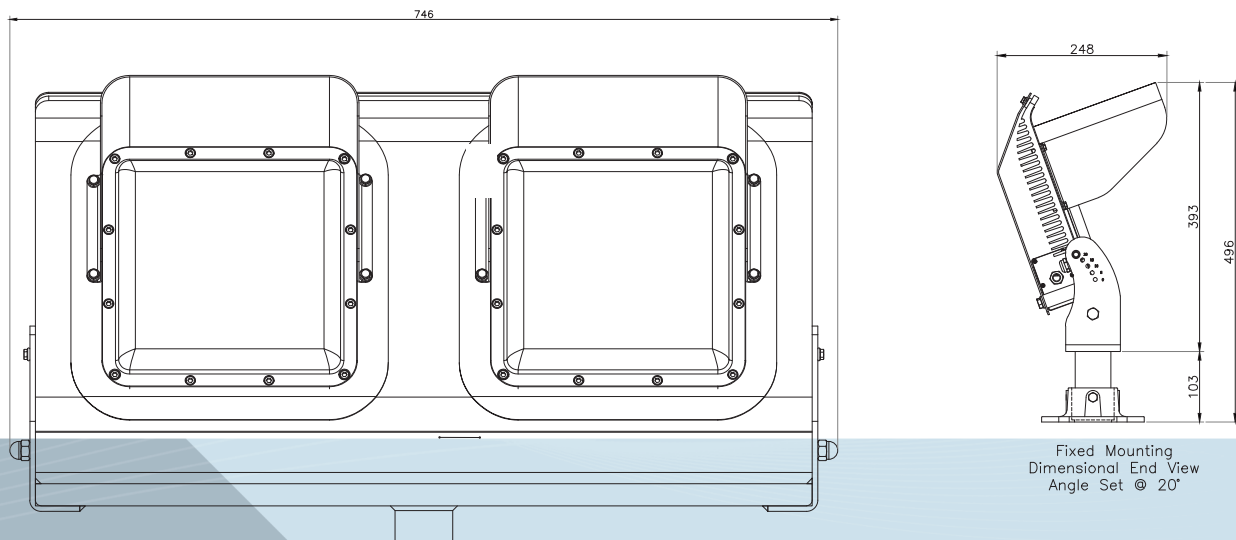
Solid Stem mounting option



low profile frangible bracket mountin option

Apollo High intensity LED elevated runway guard light

Dimensions



Packaging

- ▶ Net weight 15kg
- ▶ Gross weight 28kg (boxed)
- ▶ Box 850mm (L) x 450mm (W) x 400mm (H)



Head Office:

atg airports Ltd

Lowton Business Park | Newton Road

Lowton St. Mary's | Warrington

WA3 2AP | United Kingdom



atg airports reserve the right to change technical data and details at any point in time. Errors may have occurred

UK: +44 (0) 1942 68 5555 | USA: 001 (239) 985-9406

www.atgairports.com enquiries@atgairports.com sales-usa@atgairports.com

Apollo
IR804L