LED AIRPORT BEACON LIGHT

⚡ 110-230 VAC   24 VDC

Compliance:
ICAO Annex 14 Vol. I (7th. Edition, July 2016)

FEATURES

- LED technology
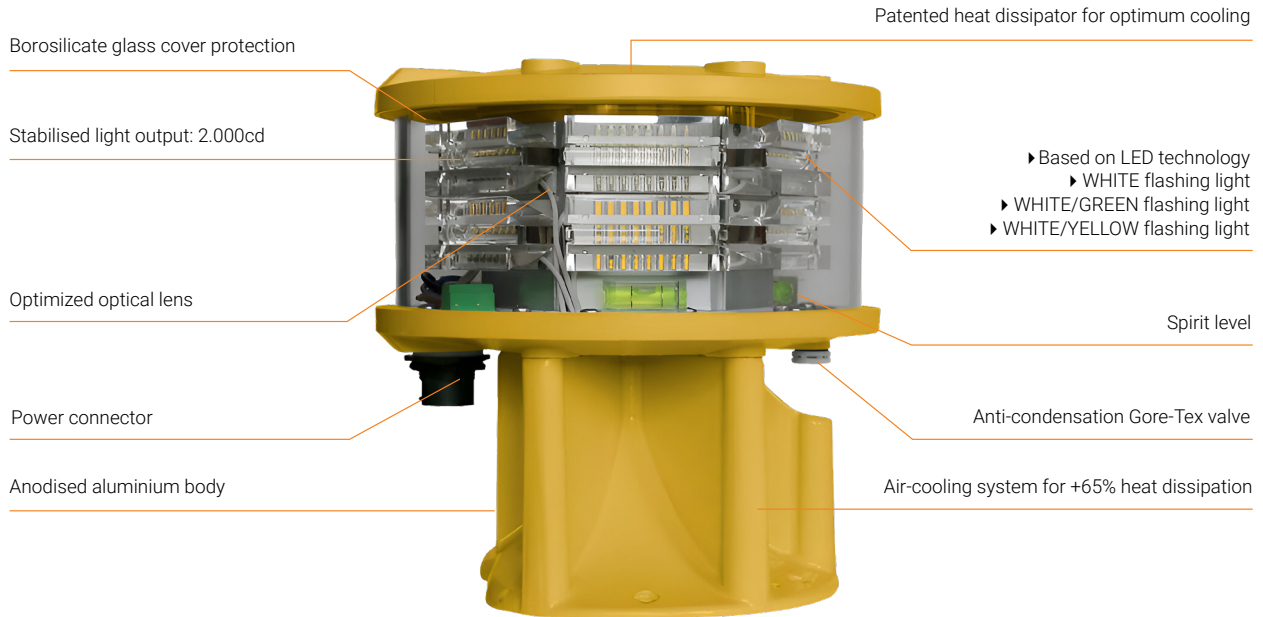- Flashing white, night mode
- 10+ years lifespan

APPLICATION

LED Airport Beacon shall be provided where the airport, due to the location or high background luminance, cannot be easily identified from the air by other identification means.

TECHNICAL SPECIFICATIONS

Optical Features	
	• LED technology
	• White light 2.000 cd, night mode
	• 20 fpm to 30 fpm
	• Horizontal beam radiation 360°
	• Vertical beam spread >1°
	• PMMA lens
	• Light output alignment device

Electrical Features	
	• Anodised aluminium body, painted yellow
	• LED feeded at constant current
	• No RF - Radiations
Power supply	110-230 VAC
	24 VDC

Options	
	• Beacon support bracket
	• GPS (Global Position System) syncro
	• White/Green alternate flashes for land aerodromes instead of white flashes only (-LAND)

Mechanical Features	
	• Anodised aluminium body, painted yellow
	• Borosilicate glass cover protection
	• Silicon rubber, VMQ
	• Base wind collector and internal heat sink for optimum cooling
	• Ingress protection: IP-66
	• Anti-condensation Gore-Tex valve
	• Operating temperature: -30°C to +50°C
	• Lamp unit weight: 6 kg

Box Mechanical Features	
	• Enclosure material: mild steel, painted RAL 7035
	• Surge arrester
	• Fault alarm
	• Photocell (twilight sensor)
	• Overvoltage protection

Certifications	
	• CE marking

Compliance	
	• ICAO Aerodromes -Annex 14 Volume 1, Par. 5.3.3 "Aeronautical Beacon"

Patented heat dissipator for optimum cooling

Borosilicate glass cover protection

Stabilised light output: 2.000cd

▸ Based on LED technology
▸ WHITE flashing light
▸ WHITE/GREEN flashing light
▸ WHITE/YELLOW flashing light

Optimized optical lens

Spirit level

Power connector

Anti-condensation Gore-Tex valve

Anodised aluminium body
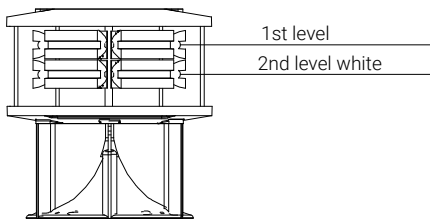
Air-cooling system for +65% heat dissipation

NOTE: electronic beacon driver in a separate enclosure
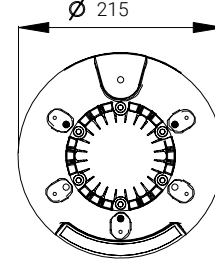
IP66

TECHNICAL DRAWING

BEACON FRONT VIEW

1st level
2nd level white

BEACON SIDE VIEW

220
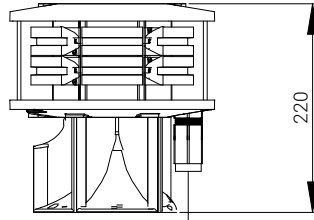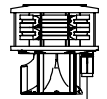
Incoming power supply cable
C/W connector (cable O.D. 7/14mm, Max size 2.5sqmm)

BEACON TOP

Ø 215

LAND-1 Power supply cable
5G2.5sqmm (by others)

FIXING DETAILS

67.5
Ø 6.5
78
156

Cable 3x1sqmm (by others)

CONTROLLER

Incoming power supply cable (by others)
Outgoing power supply cable (by others)