

Application

- halogen obstruction lights with integrated isolating transformer low intensity for lighting of obstacles up to the height of 45 m above the ground level

Certificate basis

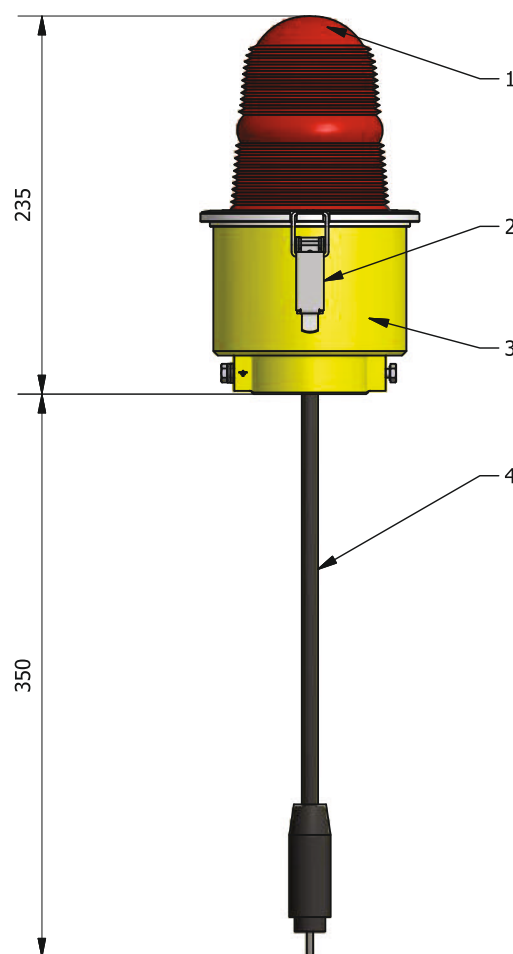
- ICAO ANNEX 14 VOLUME II HELIPORTS
- FAA AC 150/5390 2A
- FAA AC 150/5345 46B
- STANAG 3316
- MAK

Description/Properties

- light is composed of an optical system and integrated isolating transformer
- omnidirectional elevated lights low intensity
- optical system and integrated insulating transformer imbedded in aluminum case form one unit
- lights are made of castings and formed pieces of aluminium alloys, a glass formed piece and connecting stainless steel parts that are resistant to salty environment and UV radiation
- support is an aluminium casting to which the marker is fixed
- support serves for fixing light in the fixing elements
- the colour dioptrics are made of glass resistant to thermal shocks.
- glass dioptrics is embedded in an aluminium circular ring and this whole unit is tightened with two stainless steel strips to the aluminium casing

Construction

1. Dioptrics with sealed annular ring
2. Stainless steel strips
3. Transformer aluminium cover
4. Secondary outlet with connector FAA-L-823 style 1



chapter:

5.8.1 ML 121 HP-O



Connection / supplying

- powered from the 230 V AC $\pm 5\%$.
- the secondary inlet with connectors FAA-L-823 style 1 is led to the lamp cap prism Pk 30d

Mechanical parameters

- weight ~ 4,2 kg
- size
 - height 243 ± 1 mm
 - diameter 140 ± 1 mm
- adjustability
 - horizontal $0^\circ \div 360^\circ$
 - vertical 0°

Electrical parameters

- resistance of isolation 50 M Ω /1000 V DC
- total power $\pm 10\%$ 45 VA
- electric strength 2,5 kV/50 Hz/1 min./NN/VN

Operating conditions

- protection IP 65
- climatic conditions $\pm 55^\circ\text{C}$
- breaking moment of the coupling 580 \pm Nm
- resistance to wind and exhaust fumes up to 240 km/h
- lights are made of materials resistant to UV radiation
- source of light halogen airport bulb
- resists to vibrations with frequencies 20÷2000 Hz and acceleration 2 G

Source of light

- halogen airport lamps
45 W/6,6 A with cap Pk 30d
- lamp lifespan 1000 hours

Accessories

- breakable coupling with thread 2" NPSM
type 001 056
- base plate $\varnothing 12$ " with thread 2" NPSM for concrete
type 002 660
- complete needle type 002 1x3

SKU

- 913-069