

als



SYSTEMS UK LTD

Heliport Beacon Light

Airfield Lighting Systems LED Heliport beacon is used for the identification of heliports in difficult surroundings or alternatively for long-range guidance to the heliport.

Compliant to ICAO Annex 14 Volume II for Heliports. The IP66 heliport beacon emits repeated series of equal spaced short duration white flashes (letter H in Morse code).

The Intensity level can be varied to 100%, 30% or 5% from the ALS controller.



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Compliance



- ICAO Annex 14 Vol 1. Aerodrome Design and Operation
- ICAO Annex 14 Vol 2. Heliports
- ICAO DOC 9261 Heliport Manual
- ICAO DOC 9157 Aerodrome Design Manual Part 4 (Visual Aids)
- IEC TS 61827 Electrical installations for lighting

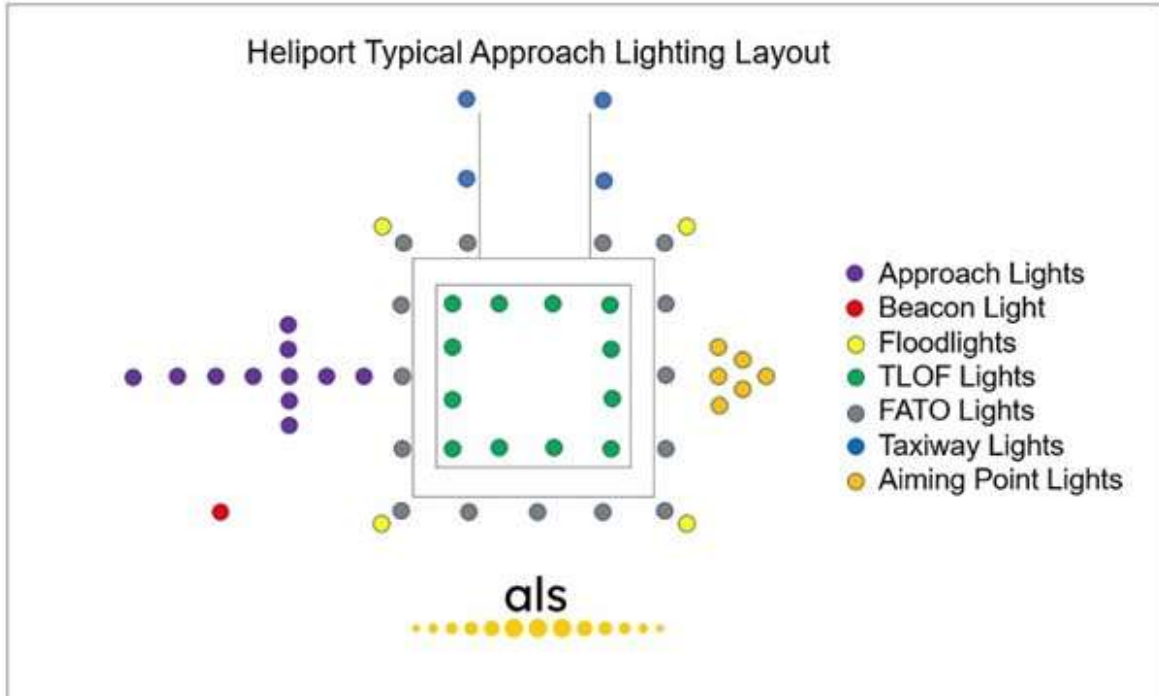
Features

- Protection Degree: IP66 certified
- Corrosion resistant anodized Aluminium-housing
- Designed and built with simplicity and ease of maintenance in mind
- High power LED technology. Expected Life of LEDs:> 100.000 h. Will not require any replacement for the whole life of the product
- Lightweight, low-energy and environment friendly
- Extensive use of aluminium alloys reduces fitting weight and ease handling in the field
- Power supply: 90-230V, 50/60Hz
- Light intensity and distribution in accordance with ICAO Annex 14 Vol.2 fig.5-11/1
- Power Consumption 140W including controller
- All metal parts can withstand corrosive environments
- Operating Temperature between -55C and +55C





Lighting Layout

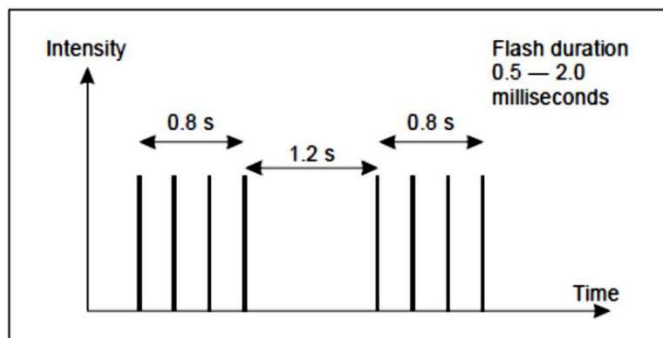


Application

- Identification of heliports in difficult surroundings
- Long range guidance to heliport

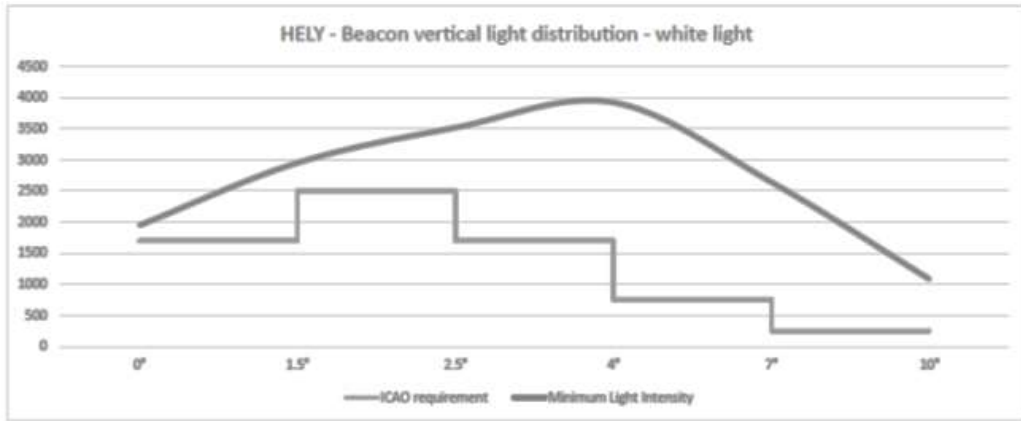
Light Characteristics

- The heliport beacon emits repeated series of equal spaced short duration white flashes to represent the letter “H” in Morse code to pilots.



- Intensity level: 100%, 30%, 10% is set from the controller.
- Horizontal output: 360 degrees
- Light colour: White light

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Beacon controller



Controller Features

- Power supply: 90-230v, 50/60Hz
- Output voltage: 48V
- Power consumption Peak 120W. Consumption 5.5Wh
- Operating and temperature between- 20C and +55C
- Protection Class: IP 65



Dimensions

BEACON:

Diameter: 220mm

Height: 178mm

CONTROLLER:

300 x 250 x 150mm

Ordering Codes

HELY Beacon: **AL-061-84-WH** 84 white LEDs

HELY Controller: **AL-079-AX**

