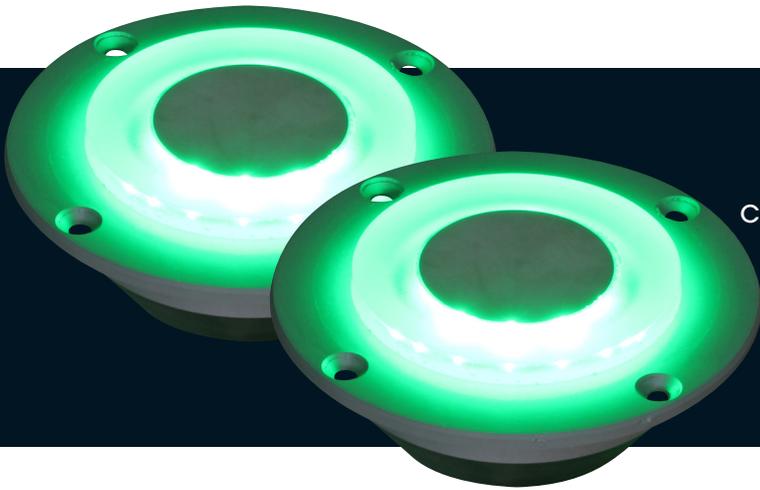


Inset Helipad Light

AV-HLI



- Ultra bright LEDs
- Corrosion resistant anodized aluminum housing
- Compact design
- Low profile, <10mm (0.4")
- AC, DC & solar powered models available

Features

- Optimized light output
- Compact and low profile, <10mm (0.4")
- Optimized for integration in elevated helipads
- Fully sealed optics and electronics maximum resistance against liquid and dust intrusion and mechanical shocks
- Safe Extra Low Voltage compliant
- Compatible with existing infrastructure
- Low power consumption
- Built in surge protection
- Optional IR model for pilots using NVG

Applications

- Touch Down and Lift Off Areas (TLOF)
- Final Approach and Take Off Areas (FATO)
- Flight Path Alignment Lights
- Flight Path Alignment Guidance Lights
- Aim Point Light

Compliance

- Designed to meet ICAO Annex 14 - Aerodromes, Volume II, Heliports
- Designed to meet FAA Engineering Brief 87

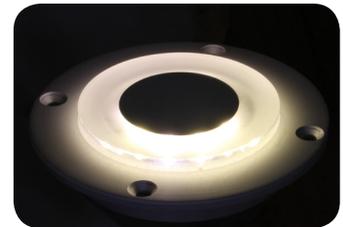
Avlite's omnidirectional LED inset helipad light can be used as visual aid for helipads. They have been designed to meet the standards of ICAO Annex 14 Volume 2 and FAA Engineering Brief 87 Heliport Perimeter Light for Visual Meteorological Conditions.

As an alternative to elevated lights, Avlite's inset helipad lights are an excellent choice for locations where elevated lights are not suitable or can cause interference to passing aircraft and maintenance vehicles.

The lights can be dimmed from 100%-0 to reduce glare and are available with optional infrared (IR) visibility for pilots using night vision.

Robust Construction

Able to withstand the harshest environments, the unit is made from robust, corrosion-resistant anodised aluminium with a UV-stabilised lens with excellent impact resistance, thermal stability and transparency. The electronics are fully encapsulated for further protection. High efficiency LEDs with over 100,000 hour life expectancy are used ensuring the lights are long lasting and low maintenance.



Inset FATO Light

Plug & Play Design

The inset helipad lights are compatible with existing infrastructure and come with a simple plug and play connection making them simple to install.

Optional LCMS Helipad Control System

An optional LCMS (Lighting Control & Monitoring System) can be supplied and integrated with the inset helipad lights to provide central control and/or remote operation functionality for a variety of helipad operations.



SPECIFICATIONS * AV-HLI

Light Characteristics

Available colors
 Peak Intensity - Visible (cd)
 Peak Intensity - IR (mW/str)
 Intensity/dimming
 LED Life Expectancy (hours)

Green: TLOF (ICAO & FAA), FATO (FAA), Flight Path Alignment (FAA)
 White: FATO (ICAO), Aim Point (ICAO),
 Flight Path Alignment Guidance (ICAO)
 Other colors: Blue, Yellow

Complies to:
 ICAO Annex 14 Vol 2.
 FAA EB 87
 CAP 437

240

0 to 100% dimmable for Visible
 IR Option: IR continuous on
 With LCMS: IR switchable

>100,000

Electrical Characteristics

Operating Voltage (VDC) 18 - 30V
 Power (W) TLOF/Approach Direction Indicator: max 6.5W
 FATO/Aim Point: max 12.5W
 IR model: add 0.3W
 Blue: 8W (2cd), 40W (20cd)
 Yellow: 6.5W

Temperature Range (operating) Operating: -40 to 55°C
 Storage: -40 to 85°C

Physical Characteristics

Body Material Corrosion resistant anodised aluminium
 Lens Diameter (mm/inches) 80 / 3 1/4
 Lens Design LED optic
 Mounting 4x M5 Screws
 Height (mm/inches) 52.5 / 2
 Diameter (mm/inches) 120 / 4 3/4
 Mass (kg/lbs) 0.9 / 2

Certifications

CE EN61000-6-3:2007, EN61000-6-1:2007
 Quality Assurance ISO9001:2008
 Waterproof IP68

Intellectual Property

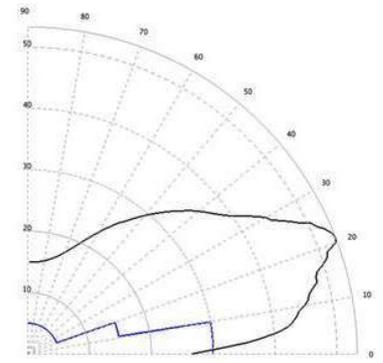
Trademarks AVLITE® is a registered trademark of Avlite Systems
 2 year warranty

Warranty *

Options Available

- AC/DC converter for AC/DC
- Variety of solar/battery configuration
- IR LEDs
- Adaptor Plate for mounting in 8" Shallow Bases according to IECTS 61827 / FAA AC 5439/150-46D
- 8" Shallow Base
- 5" Shallow Base
- LCMS Helipad Control System

LIGHT DISTRIBUTION



TLOF (green) & ADI (white)

HOW TO ORDER

AV-HLI

AV-HLI-[?]-[24]-[Colour]

Product No.: _____

Certification: ICAO
 FAA

Model: 24 = 24V DC

Colour:
 G = Green
 W = White
 IR = Infrared
 B = Blue
 Y = Yellow



- Specifications subject to change or variation without notice
- * Subject to standard terms and conditions
- † Intensity setting subject to solar availability



8" base can installation with adapter ring

