

LED Visual Approach Slope Indicator

AH-HP-VASI



The LED Visual Approach Slope Indicator (VASI) is used to guide aircraft to approach the runway at an appropriate altitude. It is specially designed to accommodate the helicopter's steep angles of descent and deliberate speeds.

There are three Colors which show three wide horizontal beams in different colored light. And it is projected in fan shaped array into the incoming flight pattern. The top beam is yellow which indicates a too high altitude of approach; The center beam is green which is the correct altitude; The lower beam is red which indicates a too low altitude.

By staying within the green light beam that is correct altitude.



Compliance

- ICAO Annex 14 Volume II – Figure 5-11
- FAA AC 150/5390-2B Heliport Design Guide

Features

Electrical

- LED as light source saving power consumption and maintenance, 95% less power than equivalent incandescent light
- Power supply available in AC(110V, 240VAC), DC48V

Physical

- Unique designed polycarbonate lens for converging light and also provides corrosion resistance and UV protection.
- UV protection Powder coated bright yellow color base make better visibility
- Base material is stainless steel which has strong corrosion resistance, Shock and Vibrations protection
- Fragile coupling reduce the secondary damage to helicopters effectively

Optional

- Infrared LED for pilot using NVG(Night Vision Goggles)
- Controller for power supplying and turn ON/OFF light
- VHF pilot to ground remote control
- Solar powered system (24V/100AH, 150W solar panel)

APPLICATION



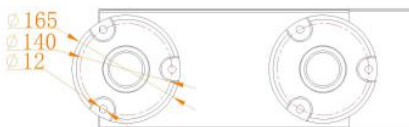
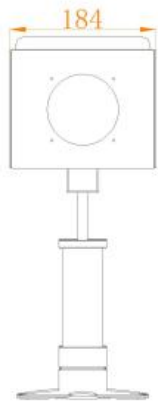
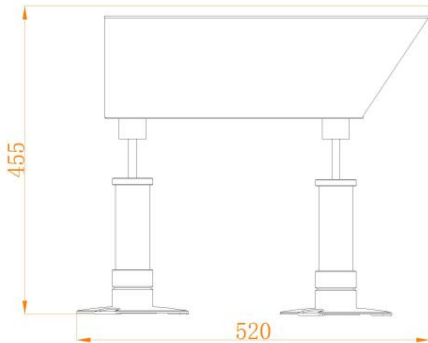
Application

- Permanent, Temporary, Emergency Helipad/Heliport/Helideck
- OFFSHORE/ ONSHORE USAGE
- Military & NVG operations

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Installation



SPECIFICATIONS

AH-HP-VASI LED Visual Approach Slope Indicator

Light Characteristics

Light Source
Available Colors
Working mode
Operation Mode
LED Life Experience(hours)

LED
Yellow/Green/Red
Steady burning
24hours operation
>100,000

Electrical Characteristics

Operating Voltage
Power(W)
Circuit Protection

AC220V
50
Integrated

Physical Characteristics

Body Material
Mounting
Dimension(mm)
Weight(kg)

Powder-coated Die-casting aluminum
140x M10
455x520x184
10

Environmental Factors

Ambient Temperature(°C)
Humidity
Wind Speed
Waterproof

-35~80
10~90%
80m/s
IP65

Compliance

ICAO
FAA

ICAO Annex 14 Volume II - Figure 5-11
FAA AC 150/5390-2B Heliport Design Guide

Options Available

Power coated color
VHF Pilot to Ground Remote Control