

# Helipad Elevated Light

**VAS-HP-E1**

## Technical Specification

- Helipad Elevated light should not exceed a height of 25cm. There is a fragile coupling in the base connection, so if aircraft hit the light by accident, the base will break immediately to avoid more damage.

## Compliance with Standards

- ICAO Annex 14 Volume II Heliports 5.3
- FAA AC 150/5390-2B Heliport Design Guide
- CAP 437

## Applications

- Helipad/Heliport TLOF edge areas
- Heliport FATO edge
- Helipad Runway edge
- Helipad taxiway edge



## Features

### Electrical

- LED as light source saving power consumption and maintenance, 95% less power than equivalent incandescent light
- Power supply available in AC(110-240VAC) and DC48V, DC12V and other voltage is optional
- LED power supply board includes short circuit and open circuit protection
- Line surge protection by metal oxide varistor

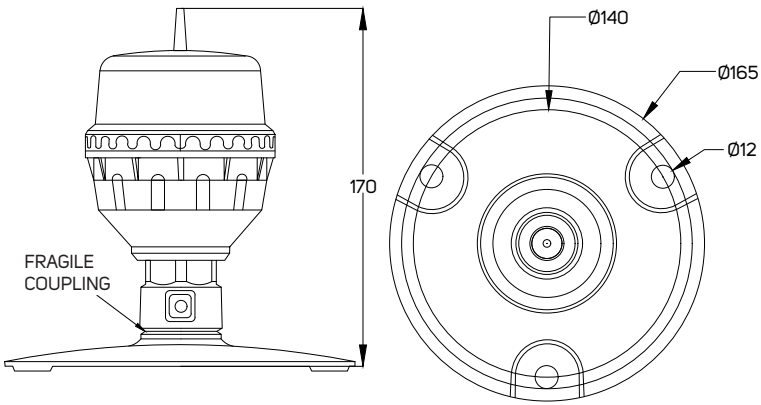
### Physical

- 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 die casting aluminum which has strong corrosion resistance, Shock and Vibrations protection
- Fragile coupling base reduce the secondary damage to helicopters effectively

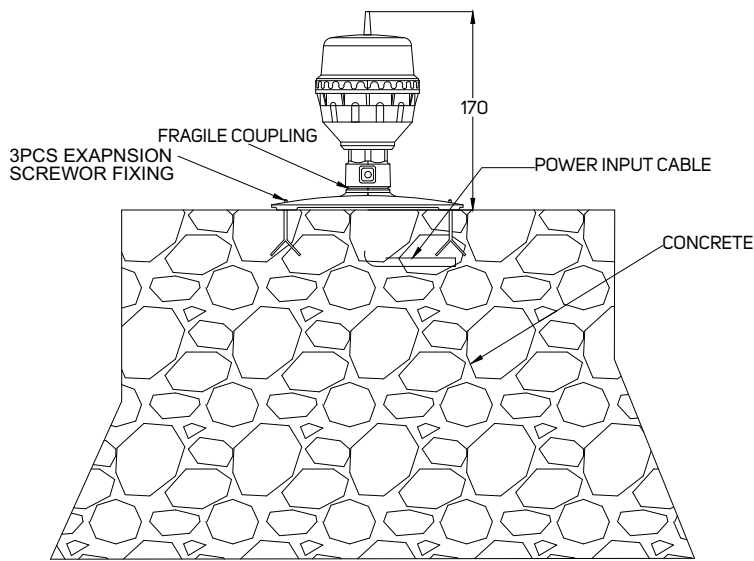
### Optional

- Infrared LED for pilot using NVG(Night Vision Goggles)
- Controller for power supplying and turn ON/OFF light
- VHF pilot to ground remote control

## Dimension(Unit:mm)



## Installation Diagram



## Heliport On Desert



## SPECIFICATIONS

SPECIFICATIONS	VAS-HP-E1 LED Heliport Elevated Light
<b>Light Characteristics</b>	
Light Source	Ultra high intensity LED
Available Colors	Green, Yellow, White, Red, Blue
Intensity(cd)	≥50cd
Horizontal Output	360°
Vertical Divergence	≥10°
Flash Characteristics	Steady burning
Operation Mode	24hours operation
LED Life Experience	>100,000 hours
<b>Electrical Characteristics</b>	
Operating Voltage	DC48V and AC(110-240VAC), DC12V
Power(W)	5
Circuit Protection	Integrated
<b>Physical Characteristics</b>	
Body Material	UV protected Polycarbonate
Base Material	Powder-coated Die-casting aluminum
Mounting	140×140×12
Dimension(mm)	165×165×170
Weight(kg)	0.7
Base	Frangible coupling
Product Life Expectancy	Average 5 years
<b>Environmental Factors</b>	
Ambient Temperature(°C)	-55~70
Humidity	10~90%
Wind Speed	80m/s
Waterproof	Ip66

