

# LED Heliport Surface Flood Light

**VARDHMAN**  
Airport Solutions

VAS-LED-HP-F1

## LED Heliport Surface Flood Light

- LED Surface Heliport Flood Light is used for illuminate the whole heliport area at night. It is specially designed for helipads/Helideck, providing glare-free, uniform surface lighting for landing and loading activities. LED Surface Floodlights improve pilot depth perception by reflecting the surface of the helipad/helideck, allowing pilots to better estimate their altitude during landing.

## Compliance with Standards

- ICAO Annex 14 Volume II Heliports 5.3.9
- FAA AC 150/5390-2B Heliport Design Guide

## Application

- Helipad/Heliport /Helideck



## Features

### Electrical

- High intensity, energy efficient LED, glare-free floodlight
- Period of LED Life  $\geq 100,000$  hours
- Power supply available in AC(110-240VAC), DC48V, DC12V, etc
- Ultra-efficient LED reduce power consumption

### Physical

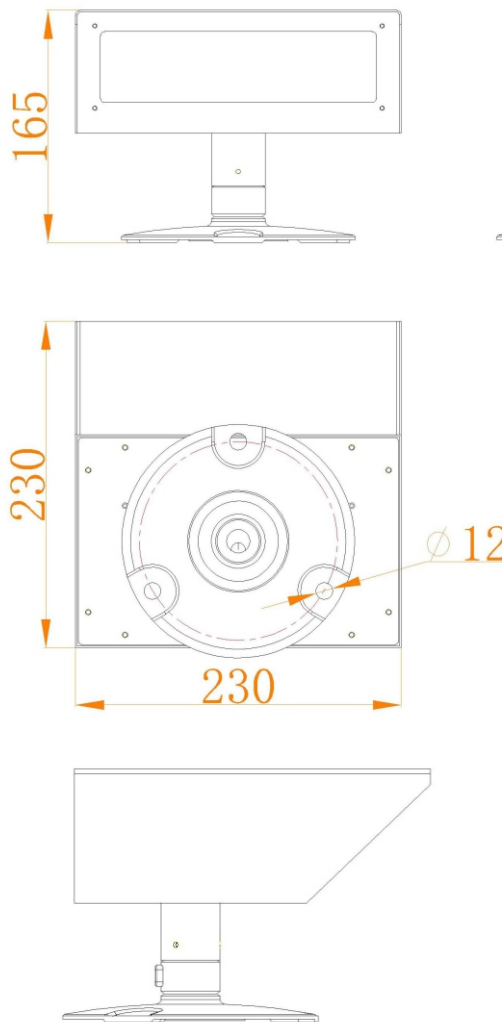
- The enclosure is made out of stainless steel powder coated in electrostatic field, ensure it have good weather resistance
- The assembly has a low profile of less than 25cm and mounts to frangible point
- Specially custom lens optic designed specifically for helipad operation
- The angle of tilt of the luminaire is easily adjusted to maximise heliport illumination

### 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
- Marine treated



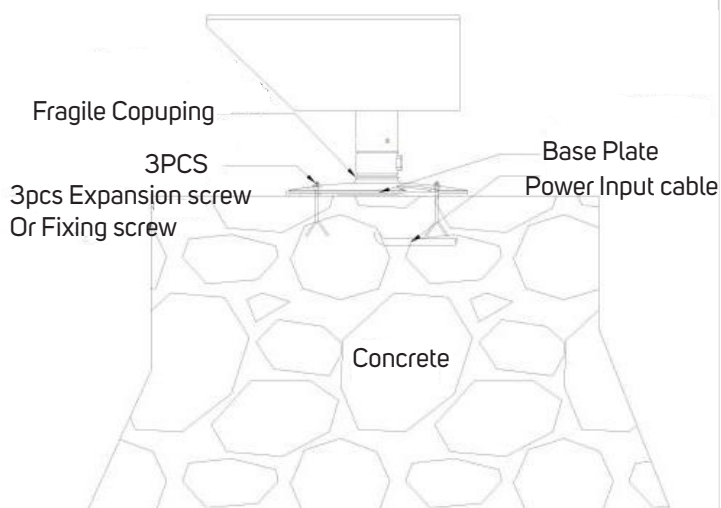
## Dimension(mm)



## Technical Specification

SPECIFICATIONS	VAS-LED-HP-F1
<b>Light Characteristics</b>	
Light Source	CREE Ultra high intensity LED
Emitting Colors	White
Luminous efficiency	120lm/W
Flash Characteristics	Steady burning
Operation Mode	24hours operation
LED Life Experience(hours)	>100,000
<b>Electrical Characteristics</b>	
Operating Voltage	110-240VAC, 48VDC, 24VDC or others
Power(W)	30
<b>Physical Characteristics</b>	
Enclosure Material	Powder Coated Stainless Steel
Overall size(mm)	230×230×165
Installation size(mm)	140×140×12
Weight(kg)	2.4
Product Life Expectancy	Average 5 years
<b>Environmental Factors</b>	
Ambient Temperature(°C)	-55~70
Humidity	0~100%
Wind Speed	80m/s
Waterproof	Ip66

## Installation Diagram



## Wiring

