



## APPLICATION



# Internally Illuminated Airdrome Solar Wind Cone AH-HP-WS

An heliport/airport shall be equipped with at least one wind cone as wind direction indicator.  
One obstruction light on top for aircraft warning. Solar panel, battery, ON/OFF switch is supplied with the windcone.

### Compliance

- ICAO Annex 14 Volume II Heliports 5.1.1
- FAA AC 150/5390-2B Heliport Design Guide
- ICAO Annex 14 Volume I

### Features

- Power supply available in 12VDC
- Pole is made of corrosion resistance and wind resistance stainless steel 304(SS316 is optional)
- One obstruction light on top, one flood light for illumination
- Pole height is customized(1meter, 2meter, 2.5m, 3m, 4m, 5m...)
- Windssock color: orange, red/white, red, white
- Windssock material: PVC, Nylon
- Windssock dimension:
  - Pole height: <4m, Length: 1.2m, big diameter: 300mm, small diameter: 150mm
  - Pole height: 4m-6m, Length: 2.4m, big diameter: 600mm, small diameter: 300mm
  - Pole height: >6m, Length: 3.6m, big diameter: 900mm, small diameter: 450mm
- Photocell for day/night operation
- Optional: Fragile coupling on base, Wireless remote control

### SPECIFICATIONS

### AH-HP-WS Internally Illuminated Airdrome Solar Wind Cone

#### Electrical Characteristics

Operating Voltage 12VDC

#### Solar&Battery

Solar Module Type Mono crystalline Silicon, 50W  
Battery type Lead acid battery, 12V/100AH  
Autonomy (hours) ≥80hours(Others are Optional)

#### Environmental Factors

Ambient Temperature(°C) -55~70  
Humidity 10~95%  
Wind Speed 80m/s  
Waterproof IP65

#### Optional

Fragile coupling on base  
Wireless remote control