

Internally Illuminated Heliport Solar Wind Cone

AL-HP-WS



APPLICATION



An heliport 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

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...)
- Windsock color is: orange(Nylon), red/white(PVC)
- Windsock 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, big diameter: 900mm, small diameter: 450mm
- Wireless remote control(3-4KM) & photocell for day/night operation
- Fragile coupling on base

SPECIFICATIONS

AL-HP-WS Internally Illuminated Heliport Solar Wind Cone

Electrical Characteristics

Operating Voltage 12VDC

Solar&Battery

Solar Module Type Mono crystalline Silicon, 50W

Battery type Lead acid battery, 12V/200AH

Autonomy (hours) 120hours(Optional)

Environmental Factors

Ambient Temperature(°C) -55~70

Humidity 10~900%

Wind Speed 80m/s

Waterproof IP65

Optional

VHF pilot to ground remote control