

Internally Illuminated Wind cone Solar Powered

Overview -Lighted vane can indicate the wind direction in the ultimate approach and take off area and make a general indication on the wind speed. For the installation locate, it must not be intervened by the nearby object or airflow blew by the rotary wing and can be seen from the helicopter from the air.

Compliant:

- ICAO Annex 14, Volume II, 4th Edition, July, 2013
- FAA AC150/5345-27C

Advantages:

- Available in 304 stainless steel or 316 made.
- 1.5 meters to 7 meters pole in height available.
- Customized "short type" for customer connect with their own pole, save freight cost.
- Available in different sizes for sleeve.
- No obstruction for smooth rotation due to nice internal lit design.

Environmental:

- Operating at -40℃ to 60℃.
- Wind speed: max load design 260kph.

Ordering Codes:

Parameter	Indicator
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Description

External Illuminated	E
Internal Illuminated	

Made

304 stainless steel	304
316 stainless steel	316

Pole Height

2~7 meters	2, 3, 4, 5, 6, 7
Short type(customer prepare pole)	S

The pole will painted with UV protected Red/white stripes paint. And the paint is corrosion resistant .

Sleeve'

Size 1	
Size 2	III
Size 3	III I
Size 4	IV

Sleeve Colour

Red-White Strips	RW
Orange-White Strips	OW
White	W
Orange	O

Power Supply

AC220V	220V or others
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Sleeve	Throat diameter	Length
Size 1	0.3m /12inches	1.2meter / 4feet
Size 2	0.45m/18inches	2.4meter /8feet
Size 3	0.6m /24inches	2.5meter /8feet
Size 4	0.9m /36inches	3.75meter/12feet



Internal Illumination Type

Illumination:

Description	Lamp Consumption
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(20)Watts:1× red fixed LED L810
& 1× LED spotlight

Specifications

Light Source: LED
 Emitting Colour: White
 Operating Voltage 12VDC
 Service Life of LED: >100,000 hours
 Circuit Protection: Integrated
Solar Module Type Mono crystalline Silicone, 50W
Battery Type : 30AH lithium iron phosphate battery
 Autonomy (hours) 120 Hours (Optional)
 Ambient Temperature (°C): -55~70
 Humidity: 10~90%
 Wind Speed: 80 m/s