

WC-I

LED Wind Cone (Internal Illuminated)



## Compliance with Standards

CAAC: AC-137-CA-2015-05  
 CAAC: MH 5001 & MH 5013  
 ICAO: Annex 14, Volume I & II  
 FAA: AC 150/5345-27

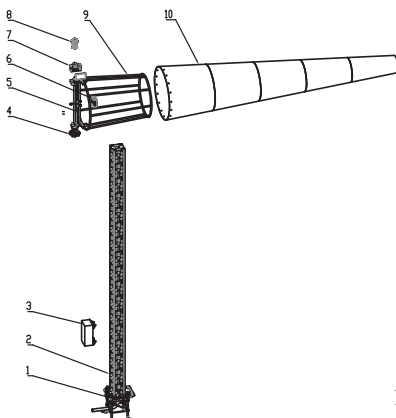
## Application/Use

Civil airport and heliport wind direction indicator

## Features

- The wind cone is simple in structure, reliable in operation and easy to maintain
- Professional lighting system design with uniform luminescent performance, strict LED color management to ensure premium color consistency
- Interior LED lighting is featured by long working life, energy conservation, maintenance-free, which brings enormous economic benefits to customers
- Special metallic conductive structures, in which wires do not twirl as windsock rotates
- Frangible Pole, 4.8m in length, which are made of aluminum alloy material, rust-proof and corrosion-resistant
- Frangible support, 4.8m in length, which could avoid damaging aircrafts when accidents happen in the utmost
- Rigid supportive pole with inclinable structural design, simple structure, convenient for maintenance
- Wind sock rotation made of deep groove ball bearing seat to ensure the rotation flexibility and show the real direction of the wind
- Optional windsock dimensions, color and number of stripes on the fabric
- Windsock framework made of aluminum alloy, low-mass, durable design
- Fabric for the windsock made of lightweight, high-strength waterproof cloth, which is lightsome and flexible
- Detachable windsock and framework, easy to ship and store
- Power-driven integrated circuits assures stable operation and easy maintenance
- 220V AC or 6.6A Constant Current Power Supply

## Construction



1. Embedded parts
2. Frangible pole
3. Electrical box
4. Principal axis
5. Bearing connectors
6. LED Spotlight
7. Adaptor box of slip ring
8. Obstacle light
9. Frame
10. Wind sleeve

## Ordering Information

WC-I-XX-XXX-XXX-X

Type \_\_\_\_\_  
 WC-I=Wind cone (internal illuminated)

Height \_\_\_\_\_  
 18=Lightweight metal support at height 1.8m  
 48=Frangible pole support at height 4.8m

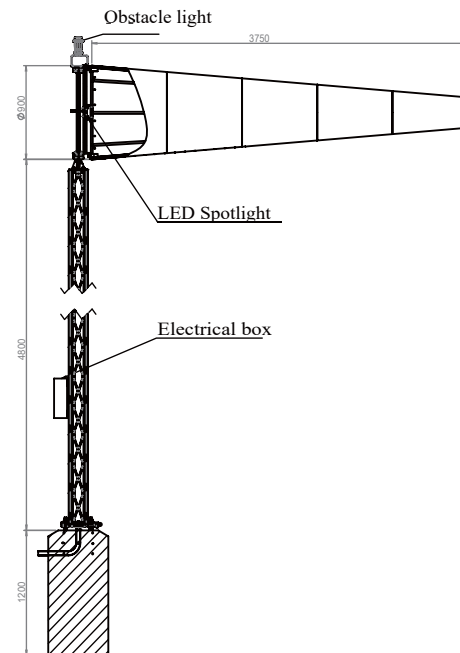
Diameter of big head \_\_\_\_\_  
 900 = Diameter 900mm (Length 3.75m)  
 450 = Diameter 450mm (Length 2.50m)  
 600=Diameter 600mm (Length 2.40m)

Color of windsock \_\_\_\_\_  
 RWR5 = 3 reds & 2 whites in 5 alternate segments  
 YWY5 = 3 yellows & 2 whites in 5 alternate segments  
 OWO5 = 3 oranges & two whites in 5 alternate segments  
 RRR/YYY/OOO = In a single color red,  
 or in a single yellow,  
 or in single orange

Power Supply \_\_\_\_\_  
 M = Parallel, 220V  
 S = Series, 6.6A  
 O = No power

\* Please provide detailed installation info while ordering, parts and accessories should be ordered separately specific with order no.

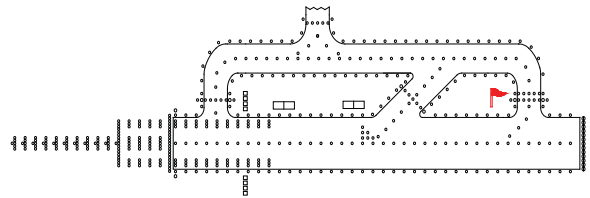
## Installation



\* Installation on frangible pole

■ WC-I

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## Technical characteristics

Light Source: LED obstacle light 1\*3.5 W  
 LED spotlight 1\*28W (Internal illumination)  
 Power Supply: Constant voltage 90V-290V, 50~60Hz  
 Constant current 2.8A-6.6A  
 Operation Temperature: -55°C~+55°C

## Size

Windsock caliber 0.9m × length 3.75m in civil airport  
 Windsock caliber 0.45m × length 2.5m in FAA heliport  
 Windsock caliber 0.60m × length 2.4m in ICAO heliport

## Accessories

Stuc.No	Description	Order number	Remark
3	Wind Sleeve	63479	Diameter 900mm
		63493	Diameter 600mm
		63494	Diameter 450mm
5	Obstacle light	EOL-OB-L	Low intensity obstacle light LED
7	LED Spotlight	963521	LED Spotlight 2x14W