

CHS Controls

Windssocks - Wind Cones





Windssocks - wind cones are used to display wind direction and to a certain degree the wind speed. Wind cones are installed at airports, heliports and on locations such as along roads with high and varying wind forces and on bridges.

Authorities like fire departments may require that wind cones are installed on industries where there is a risk of release of hazardous substances.

We offer wind cones for industrial use, bridges and roads in two different sizes and with different mast heights.

Our wind cones for airports and heliports are available with lighted windsack and with obstruction light. The wind cones are in compliance with international standards.

Windssocks - Wind Cones for Industrial Use, Bridges and Roads

Catalogue Number

		IAWI-S30-B-M150-ND
Type	IAWI	Windsack - wind cone for industrial use, bridges and roads
Windsack size	S30	300 mm diameter, length 1800 mm
	S40	400 mm diameter, length 2500 mm
Wind sock colour	B	Red/white
	O	Orange
Pole height	M150	Pole height 1500 mm to the bottom edge of the windsack
	M200	Pole height 2000 mm to the bottom edge of the windsack
	M390	Pole height 3900 mm to the bottom edge of the windsack
Mounting	ND	Fixed ground base
	LD	Ground base with lowering device
	WM	Wall mount fixture

Technical Data

Material

Pole	Galvanised 42 mm steel tube, wall thickness 2 mm
Windsack revolving basket	Galvanised steel basket, pivoting
Windsack	Nylon, UV resistant

Environment

Max wind speed	≤ 33 m/s, design value
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Windssocks - Wind Cones for Airports and Heliports

Catalogue Number

ALPAP-900-D-B-1L-LD

Type

ALPAP Airport, height 5400 mm to the centre of the windsock
ALPHP Heliport, height 3340 mm to the centre of the windsock

Windsock, size

900 900 mm diameter, length 3750 mm, only for ALPAP - airport
600 600 mm diameter, length 2400 mm, only for ALPHP - heliport

Illuminated windsock

D No lights
K Top outer lighting, 4 pcs LED fixtures, 230 VAC
L Top outer lighting, 4 pcs 80 W floodlight fixtures, 230 VAC
M Inner lighting assembly, 2 x 6 W LED, 230 VAC
N Inner lighting assembly, 2 x 80 W halogen, 230 VAC

Windsock, colour

B Red/white
O Orange

Obstruction light

1L Single obstruction light, LED with IR, 10,6 VA, 230 VAC
NO No obstruction light

Mounting

LD Ground base with lowering device
ND Fixed ground base

Technical Data

Material

Pole Powder coated aluminium pole, yellow RAL 1003
Windsock revolving basket Stainless steel basket, pivoting on nylon bearings, yellow RAL 1003
Windsock Nylon, UV resistant

Electrical Data

Supply voltage 230 VAC, 1 phase
Light source, illumination
Top outer lighting, LED 4 x 30 W, service life 30000 hours
Top outer lighting, floodlight 4 x 80 W, service life 2000 hours
Inner lighting, LED 2 x 6 W, service life 30000 hours
Inner lighting, halogen 2 x 80 W, service life 2000 hours
Light source, obstruction light LED with IR 10,6 VA, service life, >100000 hours

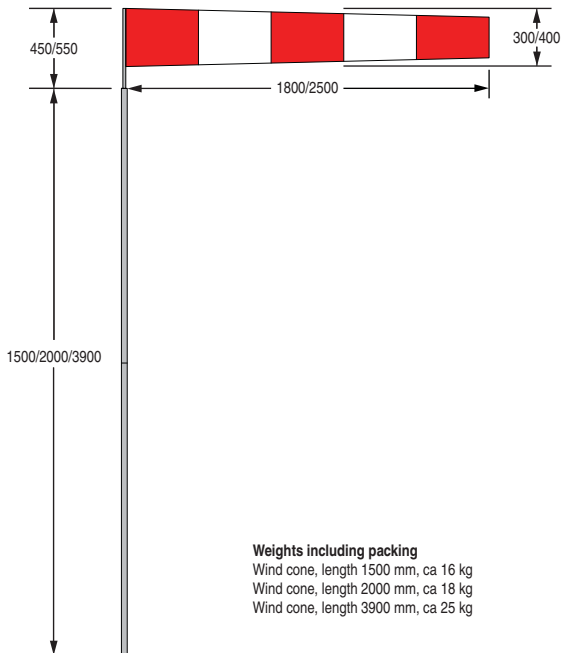
Environment

Ambient temperature -40 - + 55°C
Relative humidity at 25°C 99%
Max wind speed ALPAP - airport ≤ 61 m/s + 40% spare capacity, design value
ALPHP - heliport ≤ 82 m/s, design value
Ingress protection, terminal box, IEC 60529 IP 54

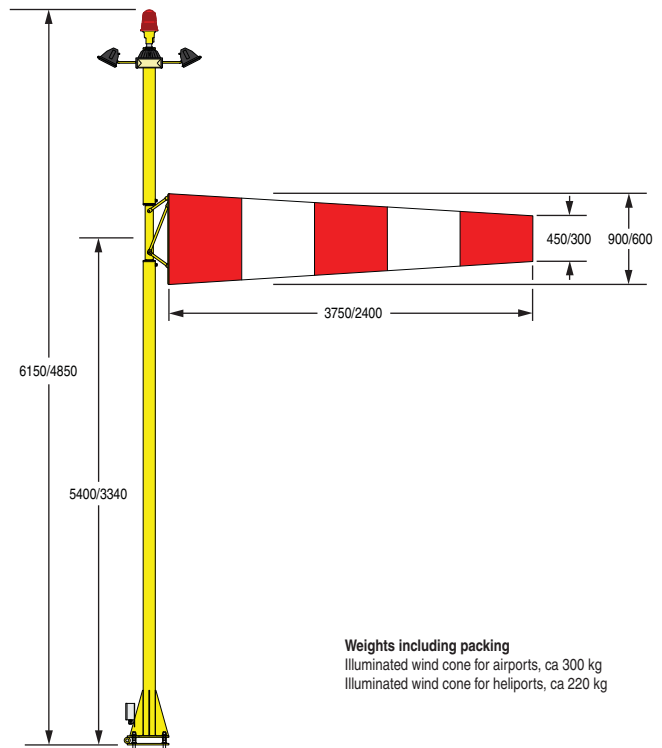
Standard, certificate

Standard ICAO Annex 14 Vol II, EASA
Certificate CE

Dimensions, mm



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Windsocks - wind cones for airports and heliports

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