

AIRPORT EQUIPMENT

WIND DIRECTION INDICATOR

3, 4, 6 OR 7.40 METERS



01. DESCRIPTION

The STNA WDI is our ICAO compliant mast. This tilting mast measures 7,40 Meters and is equipped with 3 braces to ensure its stability. The standard wind vanes are 60 or 100 cm diameter, but other diameters are also available. The wind vane support is equipped with two auto-lubricated Teflon rings to allow its rotation. This system is very resistant to wear phenomena, and doesn't require any maintenance, therefore offering an exceptional long life time.

In option, the WDI can be manufactured in stainless steel, aluminum or fiber glass. Frangible screws can be added at the bottom of the pole for frangibility, and different power supply versions are available (solar, 230V, 6.6A).

02. MODELS

One complete wind direction indicator is composed by:

ONE MAST + ONE WINDVANE + ONE UPPER LIGHTING POLE

(Windsock to be ordered separately)

MAST

REFERENCE	MATERIAL	COLOUR	HEIGHT	HINGE	BRACES
STNA7.4	Galvanized steel	Red & White	7m40	Middle	✓
STNA3		Red & White	3m	Base	-
STNA4		Red & White	4m	Base	-
STNA6		Red & White	6m	Middle	-
STNA7.4-INOX	Stainless steel	Red & White	7m40	Middle	✓
STNA3-INOX		Red & White	3m	Base	-
STNA4-INOX		Red & White	4m	Base	-
STNA6-INOX		Red & White	6m	Middle	✓

WINDVANE

REFERENCE	3M	4M	6M	7M40	COMPATIBILITY WITH MAST HEIGHT
GSTNA30	✓	✓	-	-	-
GSTNA50	-	✓	✓	✓	
GSTNA60	-	✓	✓	✓	
GSTNA90	-	-	✓	✓	
GSTNA100	-	-	✓	✓	

UPPER LIGHTING POLE

REFERENCE	POWER SUPPLY	TOPMAST BEACON	INTERNAL LIGHTING
WITHOUT LIGHTING			
SYSECL-VID	-	-	-
WITH INTERNAL LIGHTING			
SYSECL-INT-E2L-II	230VAC/48VDC	-	✓
SYSECL-INT-EB2L-II	230VAC/48VDC	✓	✓
SYSECL-INT-ESL-II	Solar 24V	-	✓
SYSECL-INT-EBSL-II	Solar 24V	✓	✓
SYSECL-INT-EB6L	6.6A	✓	✓

03. CHARACTERISTICS

MECHANICAL

Height	3 to 7.40 meters
Tiltable part	Yes
Protection	Galvanized steel + White epoxy paint
Paint	Red & White
Mounting	Anchorage Block (Included)
Wind vane	Helipads: Diameter 60cm or 90cm Airports: Diameter 100cm
Braces	3 x 120°
Anchorage Block	600 x 600 x 800 mm

ENVIRONMENTAL

Humidity	100%
Frost	-60°C
Wind speed	160 km/h

CERTIFICATIONS

CE	EN60947-1 CEI60364, NF C15-100 2014 / 35 / UE
ICAO	Annex 14, Volume I, Chapter 4

Quality	ISO 9001 : 2015
WARRANTY	

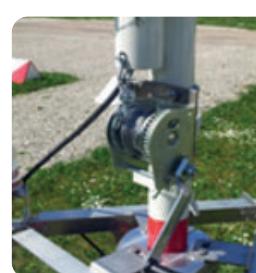
Warranty period	1 year
ELECTRICAL	

Power supply	6.6A / 230V / 24V (Solar)
Operating temperature	

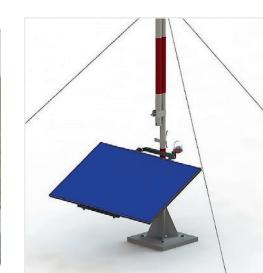
Operating temperature	-55°C to +55°C
Consumption	

Consumption	3 Watts (obstacle light) 30 Watts (internal lighting)
Protection Class	

Protection Class	IP66
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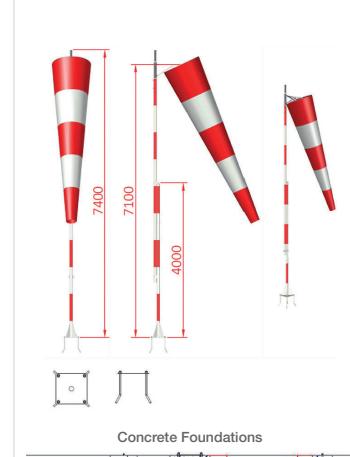


Hoist (in option)



Solar power supply

DIMENSIONS



STAINLESS STEEL WINDVANE

