

AIRPORT EQUIPMENT

FAA WIND DIRECTION INDICATOR

3 OR 6 METERS



01. DESCRIPTION

Our FAA WDI is compliant to the FAA rules. It is manufactured in galvanized steel with an orange paint and is available in 3 or 6 meters. The 3m WDI is tiltable at the base of the mast and the 6m WDI is tiltable in the middle of the mast.

3 diameters of preformed wind vane are proposed together with the suitable windsheets. 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 life time.

Various options are available such as the windsock lighting (internal or external) and the topmast Obstacle Light. These options can operate under different power supplies: 24-48V, 230V, Solar but also in 6,6 A.

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
FAA3	Galvanized steel	Orange	3m	Base	-
FAA4		Orange	4m	Base	-
FAA6		Orange	6m	Middle	-
FAA3-INOX	Stainless steel	Orange	3m	Base	-
FAA4-INOX		Orange	4m	Base	-
FAA6-INOX		Orange	6m	Middle	✓

WINDVANE COMPATIBILITY

REFERENCE	3M	4M	6M	7M40
COMPATIBILITY WITH MAST HEIGHT				
GFAA30	✓	✓	-	-
GFAA45	✓	✓	✓	✓
GFAA50	✓	✓	✓	✓
GFAA60	✓	✓	✓	✓
GFAA90	-	-	✓	✓

UPPER LIGHTING POLE

REFERENCE	POWER SUPPLY	TOPMAST BEACON	INTERNAL LIGHTING
WITH EXTERNAL LIGHTING			
SYSECL-EXT-E2L-II	230VAC	-	✓
SYSECL-EXT-EB2L-II	230VAC	✓	✓
SYSECL-EXT-ESL-II	Solar 24V	-	✓
SYSECL-EXT-EBSL-II	Solar 24V	✓	✓
SYSECL-EXT-EB6L	6.6A	✓	✓

03. CHARACTERISTICS

MECHANICAL

Height	3 to 6 meters
Tiltable part location	Base (3 meters WDI) or Middle (6 meters WDI)
Protection	Galvanized steel
Paint	Orange
Mounting	Anchorage Block (Included)
Anchorage Block	600 x 600 x 800 mm
Preformed wind vane	30 / 60 / 90 cm
Braces	No

ENVIRONMENTAL

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

CERTIFICATIONS

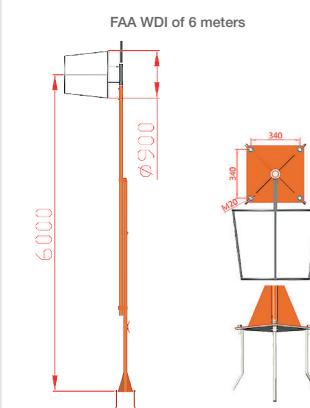
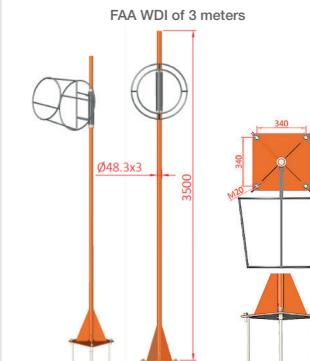
FAA	Compliant
Quality	ISO 9001 ; 2008
Warranty	1 year

ELECTRICAL

Power supply	6.6A / 230V / 24V (Solar)
Operating temperature	-55°C to +55°C
Consumption	3 Watts (obstacle light)
	40 Watts (external light)

Protection Class: IP66

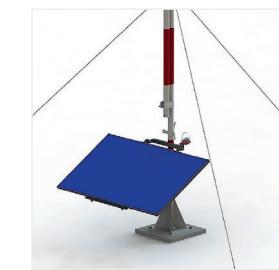
DIMENSIONS



Hoist (in option)



External Lighting + Obstacle Light*



Solar power supply

SCOPE OF APPLICATIONS



Airport



Heliport