



DATASHEET:

HA-120 RG SOLAR

AIRPORT AND HELIPORT WINDSOCK ASSEMBLY

The HA-120 RG Solar is a stand-alone, solar powered, rigid wind direction and wind speed indication. It is especially suitable for remote area's and area's without an electricity network or infrastructure. The reliable illumination system is fixed and therefore has no rotating electric parts or slip-rings. Due to its unique design maintenance cost and power consumption are low. The tiltable mast structure enables easy replacement of the windsock.

MAST DIAMETER	120mm
MAST LENGHT	Standard: 4800mm (or any other lenght on request, max. 5800mm)
MAST MATERIAL	T50 Aluminium (brute or powder coated)
WINDSOCK	Ø30cm up to and including Ø100cm, (see next page)
WINDSOCK MATERIAL	Polyester, PU coated, approx. 185 gr/m ²
WINDSOCK FRAME	Stainless steel AISI 316L
SWIVEL HEAD	2 heavy duty sealed stainless steel bearings
SUPPORT AND FOUNDATION	Galvanised steel
LIGHTING STYLES	Internally or externally lighted
POWER SUPPLY	12 Volt
WINDSOCK POWER	Internally lighted: 15 Watt Externally lighted: 43 Watt
SOLAR PANEL POWER	100 Watt
BATTERY TYPE	12V 105Ah SLA
CHARGING TIME	Approx. 13 hrs. (in full sun, depending on geographical latitude)
TIMER FUNCTION	Night/day detection
INGRESS PROTECTION	IP65
AMBIENT TEMPERATURE	-40°C to +60°C
COMPLIANCES	ICAO Annex 14 Vol. I and Vol. II FAA AC150/5345-27 UK CAA CAP 168 and CAP 437 EASA ADR EASA CS-HPT-DSN
HS CODE (CUSTOM TARIFF)	9015802000



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WINDSOCK SIZES

Ø300 x 1200mm

Ø300 x 1500mm

Ø300 x 1800mm

Ø400 x 2500mm

Ø450 x 2450mm

Ø500 x 1500mm

Ø500 x 1500mm with push button

Ø600 x 2400mm

Ø600 x 3000mm

Ø650 x 3000mm

Ø700 x 2000mm

Ø700 x 2000mm reinforced leather mouth

Ø900 x 3600mm

Ø900 x 3900mm

Ø900 x 4500mm

Ø1000 x 5000mm

Ø18" x 8ft (FAA size 1)

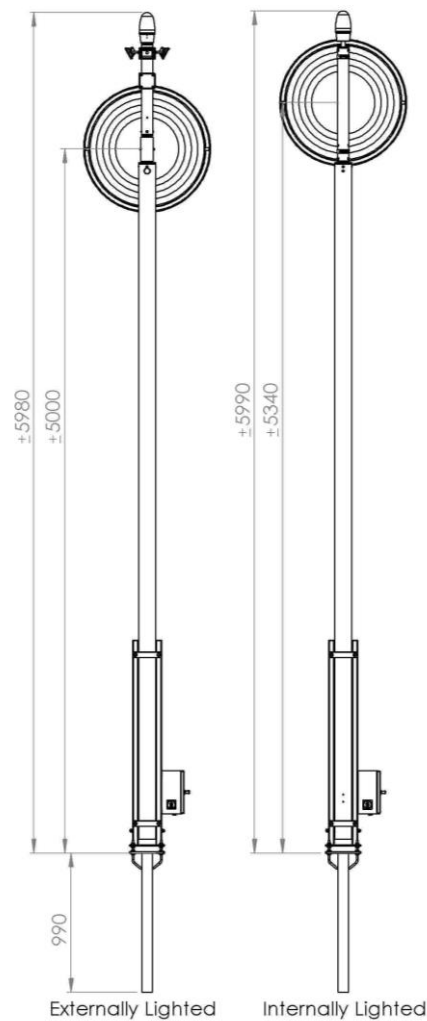
Ø36" x 12ft (FAA size 2)

Ø36" x 8ft

Or any other custom made size

Colour red/white (ICAO) or orange (FAA), double stitched with reinforced front hem and grommets. (or any custom made colour)

The HA windsock sleeves have been proven to withstand wind speeds in excess of 145 km/h (75 knots). The windsock fabrics have been tested for mechanical strength, UV resistance and colour fastness by an independent laboratory.



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