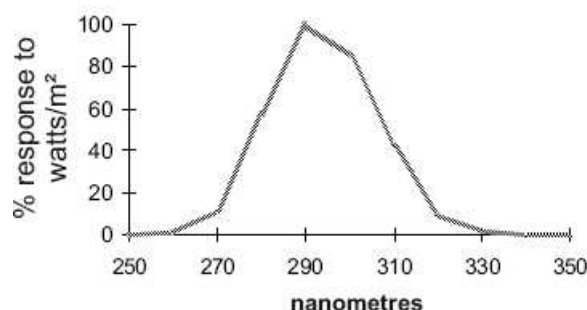


# Manufacturer Certificate

We certificate with this document, that our product

## ULTRAVIOLETE SENSOR (UVA-B) (Art. IM5010P)

Fulfills all of the following technical specifications. Additionally the product fulfils all standards which are applicable within the EC area (CE Conformity) and WMO standards. The IM5010P is fully compliant with all ISO performance specification criteria. The sensor measure light levels in the Ultraviolet A and Ultraviolet B wavebands. The wavelengths used in these sensors are according to DIN 5031 part 7.



PARAMETERS	
Sensor	VTB9894
Accuracy	+/- 1 %
Sensitivity	Typically <0.001 MET/Hr
Stability	1% change over a 1 year period
Response Time	10µs
Temp. Dependence	0.1% per C
Cosine correction	Cosine corrected up to 80 degree of incidence
Azimuth	1% error over 360 degree at 45 degree elevation
Tilt	No error included from orientation
Operating temperature	-40° to 65° C
Relative Humidity	0 to 100%
Detector	High stability silicon photovoltaic detector (blue enhanced)
Sensor housing	Weatherproof PVC case with acrylic diffuser stainless steel hardware
Measuring Range	280-320 nm
Weight	195 g
Evaluation	ANALOGIC