



Second Class Pyranometer 5600-0605



Economical and Reliable for Routine Global Radiation Measurements

The 5600-0605 is a second class pyranometer (as defined by the World Meteorological Organization, WMO); compliant with all ISO 9060 performance criteria.

Applications

- Global radiation
- Reflected solar radiation
- Albedometer

Features

- Ruggedized, weather-proof construction
- Sealed and potted low maintenance design
- Excellent long term stability of sensitivity
- Good cosine/directional response
- Built-in lifetime dessicant drying cartridge!!!
- Thermopile sensor (not silicon cell)
- Flat spectral sensitivity
- Temperature compensation
- Output is a millivolt signal.
- Each sensor has its own calibration certificate.

Specifications

Specifications subject to change without notice

Spectral Range	305 - 2800 nm (50% points)
Sensitivity	10 - 35 μ V/W/m ²
Impedance	79 - 200 Ohms
Response Time	95% in 18 seconds
Non-linearity	< \pm 2.5% (<1000 W/m ²)
Operating Temp	-40 to +80°C
Temperature Dependence	\pm 6% (-10 to +40°C)
Expected Accuracy	\pm 10% for daily sums
Tilt Error	< \pm 2.5% (<1000 W/m ²)
Weight	343 grams
Maximum Irradiance	2000 W/m ²
Directional Error	< \pm 25 W/m ² (Beam 1000 W/m ²)
Cable Length	5m

Ordering Information

Part Number	Description
5600-0605	Pyranometer Second Class, 5m cable
Accessories	
6661-1098-1	Mounting Kit, Pyranometer
8111-1073-1	Amplifier with voltage and frequency outputs (CAFI mounting bracket for Albedometer and CLFI leveling fixture also available)

