

Spectrally Flat Class A Pyranometer

LPPYRA13

○ ACCORDING TO THE STANDARD

Follows recommendations of the WMO
fully compliant with ISO 9060:2018

○ GREAT FLEXIBILITY

Wide availability of standard output signals
for **easy integration** in any installation

○ EASY TO SET UP AND QUICK TO INSTALL

Rugged housing with low temperature response
Integrated **levelling device** for perfect positioning

○ ACCURATE AND RELIABLE SYSTEM

High reliability - 6 year warranty
Individual Calibration Reports for each instrument

○ HIGH IMMUNITY AGAINST INTERFERENCE

Protected against overpower and **fully electrically isolated** from any mounting surface

Delta OHM

Member of GHM GROUP



Main Applications

Environmental studies
Research
Meteorology
PV monitoring

Research grade high performance pyranometer

The **LPPYRA13** is built around the LPPYRA10, a Spectrally Flat Class A pyranometer. The LPPYRA13 is standard equipped with an adjustable shadow ring for **measuring diffuse radiation only**.

The pyranometers in this series are all based on the thermopile principle, **very precise**. This principle provides a μV signal without the need of an external power supply. To be able to transfer the signal over a longer distance and to prevent interference, mostly types are equipped with an integrated transmitter. When using a 4-20 mA, 0-10 VDC or RS485 Modbus-RTU output, an external active power supply is necessary. The output of these series is always related to W/m^2 .

All our pyranometers are made in a way that the electrical system is totally isolated from the housing, making it possible to mount the pyranometer on any surface, including metal ones, without the need of isolation.

Delta OHM is one of the main pyranometer producers worldwide. We produce a full range of pyranometers according to the **ISO 9060: 2018 - Spectrally Flat Class A, B and C**.

Each of our pyranometers is **calibrated separately** during production; all are supplied standard with a Report of Calibration in accordance with the ISO 9847:1992. Next to this, we are the only pyranometer producer that has invested in a full range of 6 accredited ISO 17025 Calibration Laboratories.

Pyranometers can be used **as stand-alone or in combination with our weather stations**. Delta OHM provides a full range of data loggers with integrated GSM/3G/4G modem to read and transfer measured data to any database or Cloud solution.

