



aranet
by SAF Tehnika

apogee®
INSTRUMENTS



Apogee Light Sensors and IR Radiometers now integrated with Aranet

Built for indoor and outdoor environments, Apogee sensors provide reliable, research-grade measurements for horticulture, research and industrial environments, helping you quantify light conditions, track solar radiation, and monitor canopy temperature. Connect the sensor to the Aranet Apogee transmitter to enable flexible wireless placement across greenhouse zones and support faster, data driven growing decisions.



PAR sensor

Measure PPFD (PAR) for sunlight, greenhouse, and LED installations to validate light levels and optimize lighting strategy. Designed for accurate PAR measurements across different light sources.

Spectral range:

400 to 700 nm

IP Class: IP68



ePAR sensor

Measure extended PAR (ePAR) up to 750 nm to capture additional wavelengths used in modern horticulture lighting strategies.

Spectral range:

400 to 750 nm

IP Class: IP68



Pyranometer

Measure global solar radiation for greenhouse monitoring and outdoor agriculture and weather applications.

Spectral range:

360 to 1120 nm

IP Class: IP68



PAR-FAR sensor

A two-channel sensor that measures both **PAR (400–700 nm)** and **far-red (700–750 nm)**, supporting evaluation of fixtures that include far-red output. Designed for continuous measurement in indoor or outdoor environments.

IP Class: IP68



Infrared Radiometers

These non-contact IR radiometers measure surface (canopy) temperature—useful for crop monitoring and water-status insights. Choose the field of view that matches your mounting distance and target area.

Ultra Narrow 14° half-angle

Narrow 18° half-angle

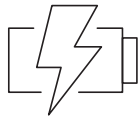
Standard 22° half-angle

Horizontal 13° x 32° half-angles

Aranet Apogee Transmitter:



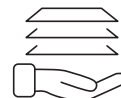
Wireless
setup



Battery runs
for years



Indoor and
outdoor



Connect any of 8
Apogee sensors



Designed and manufactured by SAF Tehnika.
For more detailed information about Aranet products, please visit aranet.com, contact your Aranet representative, or write to info@aranet.com. Product specifications are subject to change without prior notice. © SAF Tehnika, JSC. All rights reserved.

