

Heliospectra Lamp Control (for Titan 2 Systems)

The new Argus Heliospectra lamp control interface program enables full lamp operation and spectral control of Heliospectra LED lamps from within the Argus system.



Heliospectra provides a range of LED lamps supporting dimming and independent spectral manipulation of multiple light wavelengths for research, teaching, and plant growth purposes. The Argus control interface enables direct management and manipulation of light output using Ethernet communications. Multiple lamps can be operated in unison or each lamp can be operated with unique settings.

Light intensity levels for each wavelength can be manually adjusted from within the Argus Operator program. Spectral output can also be automatically controlled using advanced Argus applications including daily and seasonal light simulations for any region on the planet, replicating the natural changes in sunlight intensity and spectral output that occur throughout the day.

Communication between the lamps and the Argus system is accomplished by standard Ethernet/LAN connections using TCP or HTTP. All lamps are managed and monitored by the Argus system for proper operation including monitoring and data logging of the built-in temperature sensors in each lamp.

For more information please contact Argus.

Currently there are 3 officially supported Heliospectra lamps - The LX602C, RX30 and the L4A. Other models can be used but have not been tested and may need further configuration.