



- *Precise and consistent dimming*
- *Easily controlled by two separate 0-10V inputs*
- *Improves animal welfare*
- *Offers several advanced features, adding flexibility*
- *Eliminates lighting anomalies to increase production*
- *Universal input power*



AgriShift® lighting systems “shift” spectrum and intensity, meeting the individual needs of your animals¹.



A Built For Your Barn® design uses materials that withstand harsh barn environment for years to come.

Animal-Centric Lighting Systems

The AgriShift® G Controller is a slave dimmer that provides full potential to any ONCE® AC lighting fixture. It offers smooth dimming solutions that can easily be controlled by two separate 0-10 VDC control signals and several advanced features, giving added flexibility while addressing the complex needs of today’s modern agriculture facilities.

Dimming Enhances Flock Performance

Because animals are sensitive to different light intensities and colors of the light spectrum, performance and health can be improved simply by controlling it. Close attention to photoperiods and elimination of lighting anomalies have been shown to increase production outputs while reducing stress and negative affects on animals, enhancing overall flock performance.

Light in Commercial Agriculture Facilities

Artificial lighting programs must be applied with a thorough understanding of an animal's physiological response to light and an incorporation of various characteristics that are sensitive to the way they interact with such lighting programs. ONCE® proprietary **SIAM Technology®** applies three key aspects we believe best improves animal welfare and optimizes production through artificial lighting for commercial agricultural facilities:

1. Spectrum: The whole range of visible light with respect to its wavelength or frequency
2. Irradiance: The power of electromagnetic radiation per unit area (radiative flux) on a surface
3. Modulation: Transitioning from one level to another

When using the AgriShift® Controller to follow a ONCE® recommended lighting program, you're providing your animal with smooth dimming and an optimized light spectrum at designated light levels throughout the day/production cycle. Not only are you maximizing your overall return on investment, you'll also experience reduced mortality, improved feed conversion, faster weight gain, reduced stress and other beneficial welfare and productivity enhancements in your animal.

AgriShift® G Controller Specifications

	120V	230V
Output Current per Channel	5 amps	4.3 amps
Output Power per Channel	600W	1000W
Output Voltage	120V	230V
Frequency	50/60Hz	50/60Hz
Analog Input	0-10 VDC input resistance: 28 ohm	
Safety	Can/CSA C22.2 NO.14, 2013 Ed. 12 UL 508:1999	

Ordering Information

	SKU
AgriShift® G Controller	ALC-G2S-UNAC-2-10

AgriShift® G Controller Dimensions

Dimensions	281 mm X 61.5 mm X 143.4 mm 11.1" X 2.4" X 5.6"
Temperature	0° to 40°C / 32° to 104°F
Storage	-15° to 50°C / 5° to 122°F
Relative Humidity	5 to 90% without condensation

