

- Promotes animal welfare
- Uses ultraviolet A (UVA) light radiation
- Designed provides customizable installation
- Improves animal recognition and feeding cues
- Advanced system specialized for poultry
- Made with a natural light spectrum
- Durable, Built For Your Barn® design



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



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

Animal-Centric Lighting Systems

Improve Animal Welfare

The AgriShift® HL-UVA is a 3W LED designed to focus on the ecological importance that UV perception plays in the signaling and communication of avian species. Unlike humans, poultry can detect ultraviolet (UVA) spectrum wavelengths and even show a preference for artificial lighting environments with supplemental UVA.

The Science Behind the Technology

Using UVA and AgriShift® technology, the AgriShift® HL-UVA fixture targets the specific visual and non visual opsins in poultry, which enables refined clarity and recognition of each other and their feed. The improved ability to pick up on social cues around them helps to enhance production, lower mortality and have an overall greater immune response



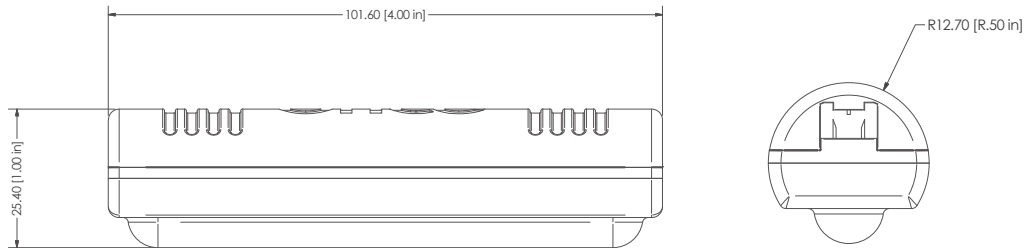
AgriShift® HL-UVA Specifications

Nominal Power	3.2W (at 50VDC)
Luminous Flux	0.64 lm human photopic
Input Voltage	48 VDC / 60 VDC
Beam Angle	120°
Spectral Output	Species-specific UVA wavelength (383 nm peak)
Operating Temperature	-20°C to 40°C / -4°F to 104°F
Dimmable Range	100% to 2%
Dimmer Type	Pulse Width Modulations (PWM)
Environmental Ratings	Submersion tested

Ordering Information

	SKU
AgriShift® HL-UVA	HL-UVA-12-162-048
Mounting Cable	02-0258
350 feet	

AgriShift® HL-UVA Mechanical Dimensions



Complete Your AgriShift® Lighting System:

AgriShift® TLL for Layers and Breeders

The AgriShift® TLL in-system tube light provides producers with lighting that meets the needs of today's modern poultry houses. Made with Dim-to-Red® technology, it provides a more uniform and continuous light pattern, leaving birds noticeably less stressed and calmer. Available in 24" 1 or 2 tube assemblies, with various cord lengths.

AgriShift® TLL



AgriShift® MLM-G for Broilers, Pullets and Turkeys

The AgriShift® MLM-G is designed with Junglite Green™ technology, the most advanced agricultural lighting solution available on the market today. It provides an optimized jungle green color spectrum, with full dimming capability, essential for healthy bird growth and sexual development. Various mounting options available.

AgriShift® MLM-G

Junction Box Format



AgriShift® G Controller

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, adding flexibility while addressing the complex modern agriculture facilities.

AgriShift® G Controller



AgriShift® Master Controller and Slave Dimmer

The AgriShift® Master Controller and Slave Dimmer provide full potential to any ONCE® lighting fixture. They offer smooth dimming solutions that can easily be controlled manually with the front panel controls or remotely with a 0-10VDC control signal.

AgriShift® Master Controller

