



- Noticeably calmer birds
- Brightens underneath cages
- Patent spectral output for avian vision
- Provides a uniform light pattern
- Significantly reduces floor eggs
- Reduces stress blood markers

Product shown with stringer—not included.



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

The AgriShift® TLUS under-system tube light provides layer producers with a lighting solution that brightens underneath cages to significantly reduce floor eggs. This 5 foot in-system lighting option provides a uniform and continuous light pattern free of dark spots and shadows so birds are less likely to lay eggs under the caging systems, while being noticeably calmer.

Improves Animal Welfare

The AgriShift® TLUS is fully dimmable, minimizing extreme changes in lighting. Abrupt changes are shown to excite flight responses, increasing cortisol levels and inhibiting melatonin secretion—both of which have a negative effect on the well-being of the bird. With uniform coverage and a consistent light pattern with slow ramping, corticosterone levels and other stress markers are minimized, improving animal welfare.



AgriShift® TLUS Specifications

Nominal Power	1-Tube Assembly: 8W (at full intensity)
Luminous Flux	470 lm human photopic
Input Voltage	120 VAC / 50/60 Hz
Beam Angle	200°
Light Output Equivalence	Up to 40W incandescent
Spectral Output	Species-specific blue/green enhanced white
Operating Temperature	-20°C to 40°C / -4°F to 104°F
Dimmable Range	100% to 5%, dims to blue-white moonlight
Dimmer Type	Phase Modulation or Amplitude Control*
Environmental Ratings	Suitable for damp locations**, Suitable for Indoor corrosive environments per UL50E Salt Spray Test, RoHS Compliant
Safety	Conforms to ANSI/UL STD 1598, Certified to Can/CSA STD. C22.2 NO. 250.0
Rated Life	50,000 hours

Ordering Information

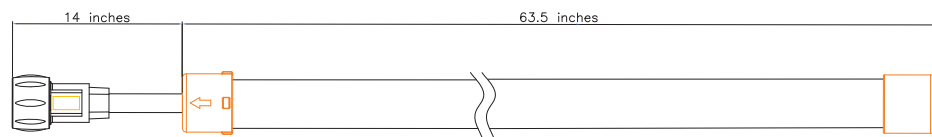
AgriShift® TLUS	SKU
1-Tube Assembly, 60" OAL <i>Includes mounting clips, female connector one end</i>	TLUS-0164-1-120 (24-0164)
1-Tube Assembly, 60" OAL <i>With Dim-to-Blue® technology Includes mounting clips, female connector one end</i>	TLUS-0165-1-120 (24-0165)

AgriShift® TLUS Accessories	SKU
AgriShift® TLUS Stringer, 88 ft <i>Includes 10 connectors</i>	TLUS-24-0167
AgriShift® TLUS Lead Wire Kit, 4 ft <i>Includes starter cord and end cap</i>	TLUS-24-0168

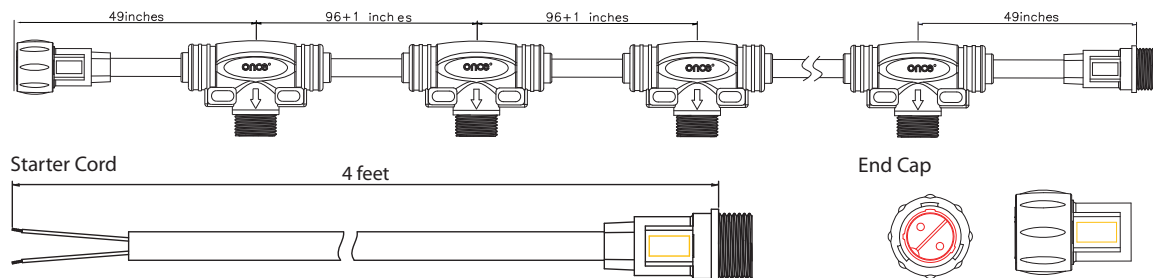
AgriShift® Controllers	SKU
AgriShift® G Controller	ALC-G2S-UNAC-2-10
AgriShift® Master Controller 120V	30-014-00188-L123
AgriShift® Slave Dimmer 120V	30-014-00189-L123
AgriShift® Master Controller 240V-50Hz	30-014-00180-L123
AgriShift® Master Controller 240V-60Hz	30-014-00180-L123-60Hz

*For optimum dimming performance use AgriShift® Controllers
**May not meet electrical codes in all states

AgriShift® TLUS Mechanical Dimensions



AgriShift® TLUS Stringer Mechanical Dimensions



Complete Your AgriShift® Lighting System: AgriShift® G Controller

- Improves animal welfare
- Offers several advanced features, adding flexibility
- Eliminates lighting anomalies to increase production
- Universal input power

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.

