



- Enhances productivity
- Improves animal welfare
- Natural habitat, jungle green spectrum
- Patented spectral output for avian vision†
- Advanced LED in-system lighting solution
- Fully dimmable with sunrise/sunset function
- Provides uniform growth



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



Junglite Green™ technology offers an enhanced jungle green spectrum, replicating a birds’ natural habitat and promoting growth.



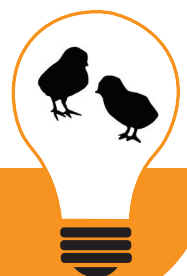
A Built For Your Barn® design uses techniques and materials that withstand harsh barn environment for years to come.

Animal-Centric Lighting Systems

The AgriShift® TLP is an in-system tube lighting option that meets the needs of poultry housed in today’s deeper and more spacious systems. It is designed with Junglite Green™ technology, the most advanced agricultural lighting solution on the market today. There are no other products available designed specifically to replicate a birds’ natural habitat with a jungle green light like this technology does. It provides an optimized color spectrum, with full dimming capability, essential for healthy bird growth and sexual development.

The Science Behind the Technology

The AgriShift® TLP simulates an enhanced green light spectrum with added blue, stimulating a birds’ highest color sensitivity to meet developmental needs. The added red content regulates circadian rhythms, improving animal welfare. Other studies show that pullets raised under monochromatic green light during the early stage experienced greater weight gain in less time when compared to regular LEDs.



AgriShift® TLP Specifications

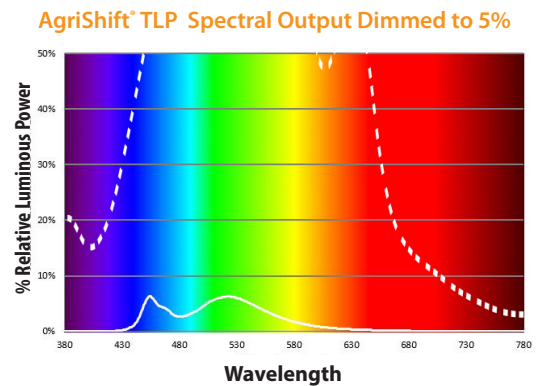
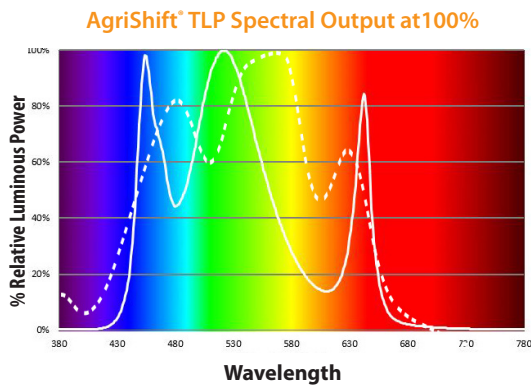
Nominal Power	2-Tube Assembly: 7W (at full intensity)
Luminous Flux	250 lm human photopic 450 lm poultry photopic
Light Output Equivalence	Up to 25 W incandescent
Input Voltage	120 VAC / 60 Hz*
Beam Angle	180°
Spectral Output	Pullet-specific blue/green enhanced white with red
Operating Temperature	-20°C to 40°C / -4°F to 104°F
Dimmable Range	100% to 5%, dims to jungle green hue
Dimmer Type	Phase Modulation or Amplitude Control**
Environmental Ratings	Suitable for Damp Locations*** ROHS Compliant
Safety	ETL Listed Conforms to ANSL/UL Std. 1598 Certifies to CAN/CSA Std. C22.2 No. 250.0-08
Rated Life	50,000 Hours

*Maximum number wired in series: 30 units of 10W (max 2.5A per string)

** For optimum dimming performance use AgriShift® Controllers

***May not meet electrical codes in all states

The spectral output graphs below show the AgriShift® TLP 120V at 100% (left), compared to it at 5% (right), while demonstrating how a chicken sees the light (dotted line).



Complete Your AgriShift® Lighting System: AgriShift® Master Controller and Slave Dimmer

- Precise, consistent, incremental dimming
- Daylight and night time modes
- Fully automatic control or manual options
- Program up to 500 days divided into 20 lighting periods

The integrated AgriShift® Master Controller and Slave Dimmer provide smooth, programmable dimming to enable the full potential of any ONCE® AgriShift® fixture. They offer several advanced features that address the complex needs of today's modern farming facilities and can both be easily programmed with the accessible display and program buttons on the front panel.



Master Controller



Slave Dimmer

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Ordering Information

AgriShift® TLP	SKU
TLP 2 Tube Assembly 195", Include mounting clips	TLP-0111-2-120
TLP 2 Tube Assembly 95", Include mounting clips	TLP-0127-2-120
Extension Cable, 15 ft. Female connector on one end	TL-EXT-1-180
TLP Male End Cap	TL-CAP-M - TL
AgriShift® Controllers	SKU
AgriShift® Master Controller 120V	30-014-00178-L123
AgriShift® Slave Dimmer 120V	30-014-00179-L123
AgriShift® Master Controller 240V	30-014-00180-L123