



- Improves animal welfare
- Fully dimmable and programmable
- Advanced 8W LED system specialized for pullets
- Dim-to-Blue® technology enhances flock performance
- Promotes healthy bird development
- Durable, Built For Your Barn® design

Product shown with recommended junction box.



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



Dim-to-Blue® technology encourages uniform growth by offering healthy bird development during every growth stage.



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

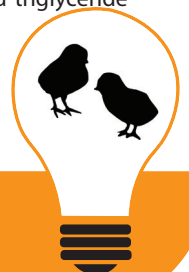
## Animal-Centric Lighting Systems

The AgriShift® JLP provides an optimized color spectrum with full dimming capability, essential for healthy bird development during early growth stages. Designed with Dim-to-Blue® technology, it enhances animal welfare and provides uniform coverage throughout any facility.

The AgriShift® JLP offers a retrofit solution for modern poultry houses and fits directly into existing electrical junction boxes, while the durable, Built For Your Barn®, design reduces electrical, maintenance and labor costs.

### The Science Behind the Technology

The AgriShift® JLP has an enhanced blue/green spectrum with added red content for early bird development. Green light increases growth during the early stage of development, while blue light is shown to be helpful in the growth of poultry at a later age by elevating plasma androgens. Other studies show that blue light can calm birds, reduce corticosterone levels and heterophil:lymphocyte ratios—blood markers for short- and long-term stress, and positively affect blood glucose and triglyceride levels.



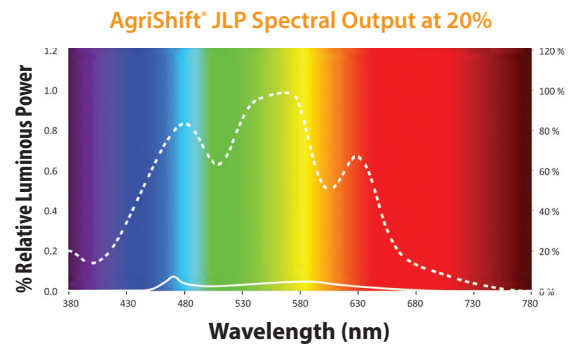
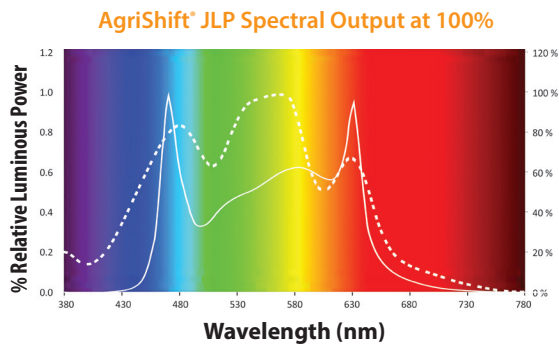
## AgriShift® JLP Specifications

Nominal Power	8W (at full intensity)
Luminous Flux	800 lm human photopic 1355 lm poultry photopic
Light Output Equivalence	Up to 40W incandescent
Input Voltage	120 VAC / 50/60 Hz
Beam Angle	200°
Spectral Output	Species-specific blue/green enhanced white, w/ added red
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 wet locations, RoHs Compliant
Safety	Conforms to UL Std. 1598 Certified to CAN/CSA C22.2 No. 250
Rated Life	50,000 hours

\* For optimum dimming performance use AgriShift® Controllers

† All units are packaged individually with attached integral gasket and 2 screws. Junction Box not included. See installation sheet for proper installation.

The spectral output charts below show the AgriShift® JLP 120V at 100% (left) compared to it dimmed to 20% (right), while demonstrating how a chicken sees the light (dotted line).



## Ordering Information

	SKU
AgriShift® JLP Junction Box Mount (JB)†	JLP-FSWB-JB-180T-008-120
AgriShift® JLL (Short) Junction Box Mount (JB)†	JLL-FSWR-JB-180S-008-120

## AgriShift® JLP Accessories

	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
Junction Box Five 3/4" threaded outlets	PRB57550GY
Junction Box Five total 3/4" KO hubs, four sealed	PRB575GYKO

## 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.

