



- Improves animal welfare
- Can act as a "Service Light"
- Advanced system specialized for Swine
- 10W LED equivalent to 75W incandescent
- Dim-to-Calm™ technology enhances performance
- Durable, Built For Your Barn® design
- Low-profile, wide beam angle
- Energy provider rebates

\*Product shown with recommended junction box.  
\*\*Compatible with AgriShift® STC/STA Stringer.



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



Dim-to-Calm™ technology provides daylight simulation and can act as a "service light" when fully dimmed.



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

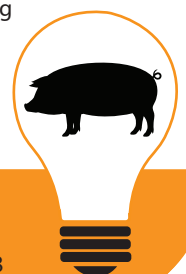
## Animal-Centric Lighting Systems

The AgriShift® MLM-S for swine is a highly efficient lighting fixture designed to evenly distribute light for both the swine herd and humans caring for them. The red spectrum used makes it easy to provide natural daylight simulation for improved productivity.

The AgriShift® MLM-S has a Built For Your Barn® design and is suitable for use in sow barns, gestation buildings, nurseries, gilt development units and finishing facilities. It has a modular build, allowing for easy installation with a retrofit solution that helps eliminate constant replacement cycles.

### The Science Behind the Technology

When completing your lighting system with an AgriShift® Controller and ONCE® recommended lighting schedule, you provide animals with a natural sunrise/sunset simulation, reducing stress caused by sudden changes in light. The Dim-to-Calm™ technology fully dims to red, which swine perceive as darkness and allows the light to be used as a "service light" so workers can access the facility without disturbing sleep cycles.



## AgriShift® MLM-S Specifications

Nominal Power	10W (at full intensity)
Luminous Flux	1040 lm human photopic (120V)
Input Voltage	120 VAC / 50/60 Hz
Beam Angle	200°
Light Output Equivalence	Up to 75W incandescent
Spectral Output	Species-specific full spectrum white
Operating Temperature	-20°C to 40°C / -4°F to 104°F
Dimmable Range	100% to 5%, dims-to-red - 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® MLM-B

Base Unit (BU)

Jelly Jar (JJ)

*Includes JJ adaptor/connector kit*

Junction Box (JB)

*Includes JB adaptor/connector kit*

### AgriShift® MLM-B Accessories

AgriShift® G Controller

AgriShift® Master Controller 120V

AgriShift® Slave Dimmer 120V

AgriShift® Master Controller 240V-50Hz

AgriShift® Master Controller 240V-60Hz

Junction Box

*Five ¾" threaded outlets*

Junction Box

*Five total ¾" KO hubs, four sealed*

### SKU

MLM-SSWR-BU-180T-010-120

MLM-SSWR-JJ-180T-010-120

MLM-SSWR-JB-180T-010-120

### SKU

ALC-G2S-UNAC-2-10

30-014-00188-L123

30-014-00189-L123

30-014-00180-L123

30-014-00180-L123-60Hz

PRB57550GY

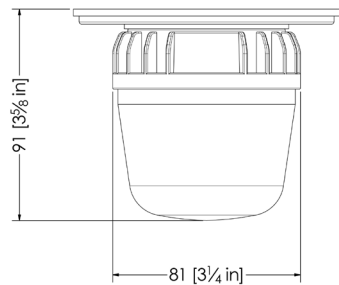
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*\*For optimum dimming performance use AgriShift® Controllers*

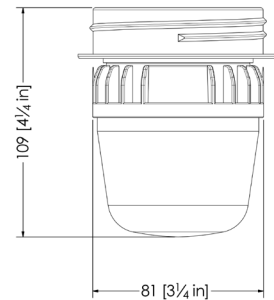
*\*\*Includes (4) stainless steel screws*

## AgriShift® MLM-S Mechanical Dimensions

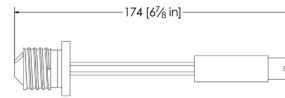
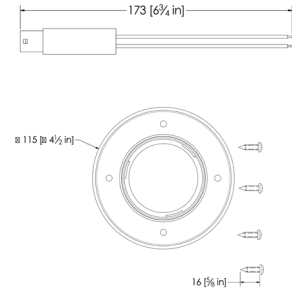
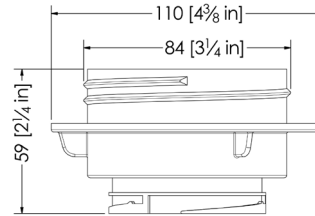
Junction Box (JB)



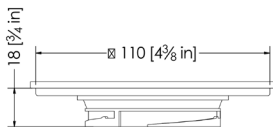
Jelly Jar (JJ)



JJ Adapter Kit\*\*



JB Adapter Kit\*\*



# 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.



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