

- Can act as a "Service Light"
- Improves the welfare of your animal
- 13.8W LED equivalent to 125W incandescent
- Dim-to-Calm™ technology enhances performance
- Advanced system specialized for Swine
- Durable, Built For Your Barn® design
- Low-profile, wide beam angle

*Product shown with recommended junction box.



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® MLS is designed to evenly distribute light for both the swine herd and humans caring for them, while supporting bio-security measures of modern swine facilities. It is suitable for use in sow barns, gestation buildings, nurseries, gilt development units and finishing facilities.

The modular fixture features swine-specific Dim-to-Calm™ technology and a Built For Your Barn® design. It is easy to install and wet location rated, guaranteeing it will hold up to regular wash downs.

The Science Behind the Technology

When completing your lighting system with an AgriShift® Controller or Slave Dimmer 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.



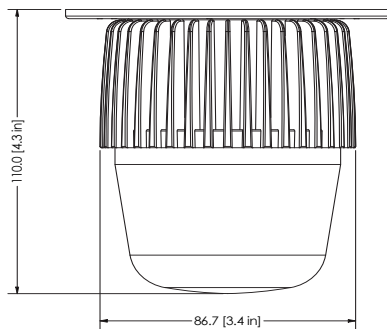
AgriShift® MLS Specifications

Nominal Power	13.8W (at full intensity)
Luminous Flux	1380 lm human photopic (120V) 1000 lm human photopic (230V)
Input Voltage	120 VAC / 50/60 Hz, 230 VAC / 50/60 Hz
Beam Angle	180°
Light Output Equivalence	Up to 125W 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 hue
Dimmer Type	Phase Modulation or Amplitude Control*
Environmental Ratings	Suitable for damp locations, RoHS Compliant
Safety	Conforms to ANSI/UL STD 1598, Certified to Can/CSA STD. C22.2 NO. 250.0
Rated Life	50,000 hours

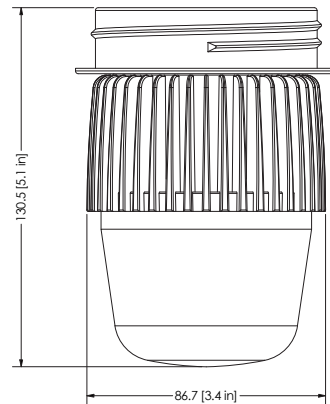
*For optimum dimming performance use an AgriShift® Controller.

AgriShift® MLS Mechanical Dimensions

Junction Box (JB)



Jelly Jar (JJ)



Ordering Information

AgriShift® MLS 120V

Base Unit (BU)

Junction Box (JB)

Includes JB adapter/connector kit

Jelly Jar (JJ)

Includes JJ adapter/connector kit

SKU

MLS-FSWR-BU-180-014-120

MLS-FSWR-JB-180-014-120

MLS-FSWR-JJ-180-014-120

AgriShift® MLS 230V

Base Unit (BU)

Junction Box (JB)

Includes JB adapter/connector kit

Jelly Jar (JJ)

Includes JJ adapter/connector kit

SKU

MLS-FSWR-BU-180-014-230

MLS-FSWR-JB-180-014-230

MLS-FSWR-JJ-180-014-230

AgriShift® MLS 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 3/4" threaded outlets

Junction Box

Five total 3/4" KO hubs, four sealed

SKU

ALC-G2S-UNAC-2-10

30-014-00188-L123

30-014-00189-L123

30-014-00180-L123

30-014-00180-L123-60Hz

PRB57550GY

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.



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