



Base Unit
Format**



Jelly Jar
Format



Junction Box Format*

- Improves animal welfare
- Advanced system specialized for Swine
- 10W LED equivalent to 75W incandescent
- Fully dimmable daylight and nighttime modes
- Durable, Built For Your Barn® design
- Low-profile, wide beam angle
- Dim-to-Calm™ technology
- 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 environment for years to come.

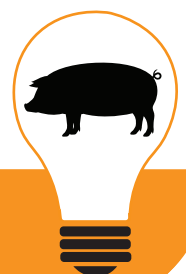
Animal-Centric Lighting Systems

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 / 60 Hz
Beam Angle	200°
Light Output Equivalence	Up to 75W incandescent
Spectral Output	Swine-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 (BU, JB, JJ), RoHS Compliant
Safety	Conforms to ANSI/UL STD 1598 (BU, JB, JJ), Certified to Can/CSA STD. C22.2 NO. 250.0 (BU, JB, JJ)
Rated Life	50,000 hours

Ordering Information

AgriShift® MLM-S 120V	SKU
Base Unit (BU)	MLM-SSWR-BU-180T-010-120
Junction Box Mount (JB)	MLM-SSWR-JB-180T-010-120
<i>Includes JB adapter/connector kit</i>	
Jelly Jar Mount (JJ)	MLM-SSWR-JJ-180T-010-120
<i>Includes JJ adapter/connector kit</i>	

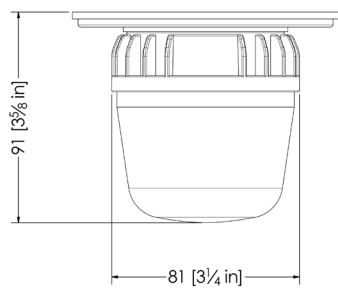
AgriShift® MLM-S Accessories	SKU
AgriShift® Master Controller 120V	30-014-00178-L123
AgriShift® Slave Dimmer 120V	30-014-00179-L123
AgriShift® Master Controller 240V	30-014-00180-L123
Junction Box	PRB57550GY
<i>4 of the 5 KO openings are sealed, openings are 3/4"</i>	
Junction Box Cover	PRB575GYKO

* For optimum dimming performance use AgriShift® Controllers

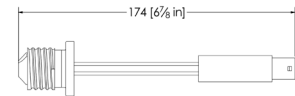
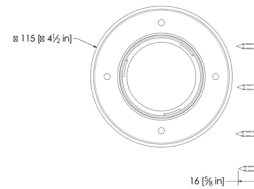
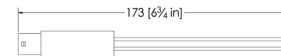
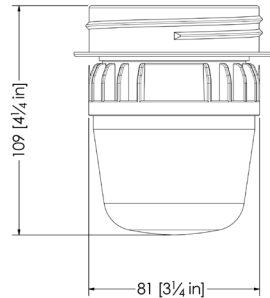
** Includes (4) stainless steel screws

AgriShift® MLM-S Mechanical Dimensions

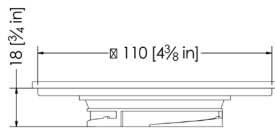
Junction Box (JB)



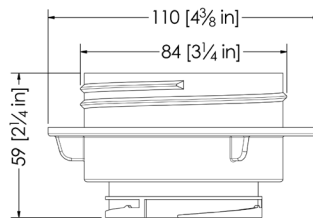
Jelly Jar (JJ)



JB Adapter Kit**

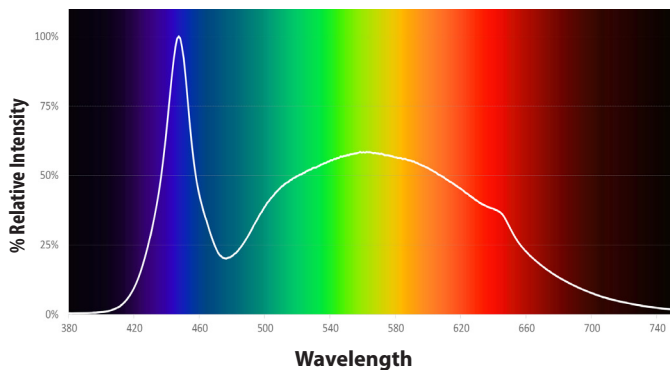


JJ Adapter Kit**



The spectral output graphs below show the AgriShift® MLM-S 120V at 100% (left), compared to it dimmed to 20% (right).

MLM-S Spectral Output at 100%



MLM-S Spectral Output Dimmed to 20%

