ONCE®

Jelly Jar Format

Junction Box Format

- *Improves the welfare of your animal*
- *Dim-to-Calm™ technology*
- *Advanced system specialized for Swine*
- *10 W LED equivalent to 75 W incandescent*
- *Energy provider rebates, DLC approved*
- *Fully dimmable daylight and nighttime modes*
- *Replaces CFL screw-base lamps*
- *Low-profile, wide beam angle*
- *Patented spectral output†*
- *Built For Your Barn® design*

AgriShift® lighting systems are agriculture specific and developed to meet the individual needs of your animals†. The lights "shift" spectrum and intensity.

Dim to Calm™

Dim-to-Calm™ technology simulates sunrise and sunset and can act as "service light" when fully dimmed.

BUILT FOR YOUR BARN®

ONCE® AgriShift® fixtures have a **Built For Your Barn®** design, using techniques and materials that withstand the harsh barn environment for years to come.

Animal-Centric Lighting Systems

The AgriShift® MLM-S is a highly efficient fixture designed to provide exceptional light for both the swine herd and humans caring for them, while supporting the biosecurity of modern swine facilities. It is suitable for use in sow barns, gestation buildings, nurseries, gilt development units and finishing facilities.

This modular designed LED allows for easy installation and can replace existing CFL fluorescent bulbs, eliminating constant replacement cycles.

The Science Behind the Technology

The AgriShift® MLM-S features swine specific Dim-to-Calm™ technology and a Built For Your Barn® design. It simulates sunrise and sunset which reduces stress on your animals caused by sudden changes in light. The dimming capability also allows the AgriShift® MLM-S to fully dim red, which swine perceive as darkness. This allows the red light to be used as "service light", allowing workers to access the facility without disturbing or interrupting the sleep cycles of the animal.
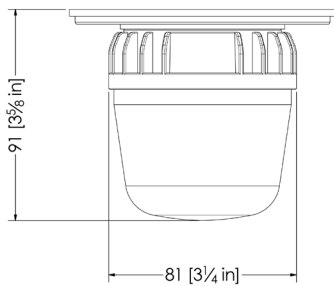
Sitler's LED SUPPLIES

Talk to one of our LED consultants today!
(800) 426-3938 • (319) 653 3198

info@sitlersupplies.com
www.sitlersledsupplies.com

Ext. 4

AgriShift® MLM-S Specifications

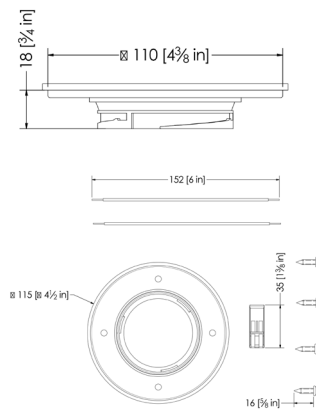|	
Nominal Power	10 W (at full intensity)
Luminous Flux (nominal)	1050 lm
Input Voltage	120 VAC / 60 Hz
Beam Angle	200º
Light Output Equivalence	Up to 75 W incandescent
Spectral Output	Swine specific full spectrum white
Operating Temperature	-20ºC to 40ºC / -4ºF to 104ºF
Dimmable Range	100% to 5%, dims to red-white moonlight
Dimmer Type	Phase Modulation or Amplitude Control***
Environmental Ratings	Suitable for wet locations (JB), ROHS Compliant, Suitable for damp locations
Safety	ETL Listed, Conforms to UL std. 1598 (JB) Certified to CAN/CSA C 22.2 No. 250.-08 (JJ) Conforms to UL Std. 1993 (JJ) Certified to CSA Std. C 22.2 No. 1993 (JJ)
Rated Life	50,000 hours
Limited Warranty	3 Years (24/7 operation)

Ordering Information

AgriShift® MLM-S 120V   **MLM-SSWR-BU-180T-010-120**
Jelly Jar Mount (JJ)   MLM-SSWR-JJ-180T-010-120
   Includes JJ adapter/connector kit
Junction Box Mount (JB)   MLM-SSWR-JB-180T-010-120
   Includes JB adapter/connector kit

AgriShift® MLM-S 230V   **SKU**
Jelly Jar Mount (JJ)   MLM-SSWR-JJ-180T-010-230
   Includes JJ adapter/connector kit
Junction Box Mount (JB)   MLM-SSWR-JB-180T-010-230
   Includes JB adapter/connector kit

AgriShift® Controllers   **SKU**
Master Controller 120V   LCL-0.2-120V / 30-014-00134
Slave Dimmer 120V   LCL-30-014-00156-L123
Master Controller 240V   LCL-0.2-240V / 30-014-00144
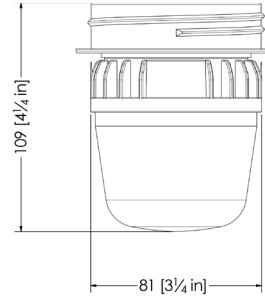
AgriShift® MLM-S Mechanical Dimensions
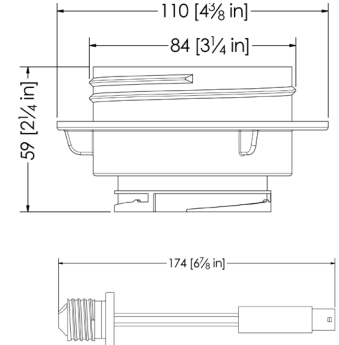
Junction Box (JB)   JB Adapter Kit*   Jelly Jar (JJ)   JJ Adapter Kit*

* Includes (4) stainless steel screws
** DLC approved product number. When submitting to your energy providers for rebates, use this product SKU.
*** For optimum dimming performance use AgriShift® Dimmer/Controller

AgriShift® Controllers
Master and Slave Units

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

Master Controller

Slave Dimmer

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.