

once[®] ANIMAL LIGHTING

AgriShift MLS Gen 3—Short lens



- *Brighter and more durable design*
- *Low-profile, wide beam angle*
- *Durable, robustness to withstand pressure washing and dirt*
- *Built For Your Barn, design*
- *Advanced system specialized for swine*
- *Dim-to-Red technology reduces stress in animals, improving welfare.*
- *Easy of installation*

Product shown with junction box (JB) not included.

Introduce your swine to animal-centric lighting

The next generation AgriShift MLS features a brighter and more durable design and offers even light distribute light for both the swine herd and the humans caring for them.. This modular fixture features swine-specific, Dim-to-Red technology, a Built For Your Barn[®] design and is available in two sizes – a short and a tall lens. The AgriShift MLS is easy to install and wet location rated, guaranteeing it will hold up to regular wash downs. This lighting system supports the bio-security measures of modern swine facilities and is suitable for use in sow barns, gestation buildings, nurseries, gilt development units and finishing facilities.

Spectrum

Swine-specific **Dim-to-Red technology** reduces interruptions during animal sleep cycles by dimming fully to red, which swine perceive as darkness.



Visit our website for more information: www.once.lighting

Specifications and Ordering

AgriShift MLS Gen 3—Short Specifications

Nominal power	14W
Luminous flux - human photopic	1500 lm
Luminous flux - animal photopic	-
Luminous Flux melanopic	-
Initial LED luminaire efficacy	107 lm/W
Input voltage	120VAC
Input frequency	60 Hz
Driver included	Yes
Surge protection	MOV/FUSE
Power consumption tolerance	+/-10%
Power factor	0.98
Beam angle	Very Wide
Beam spread	Dual asymmetric
Driver failure rate at 50K hrs	<5%
Warranty period	5 years
Recyclable	No
HS code	8539520010
Country of origin	Peoples Republic of China

Spectral Output and Dimming Specifications

Dimmable	Yes
Dimmable range	100% to 1%
Spectral output	5000K

Operating and Mechanical Specifications

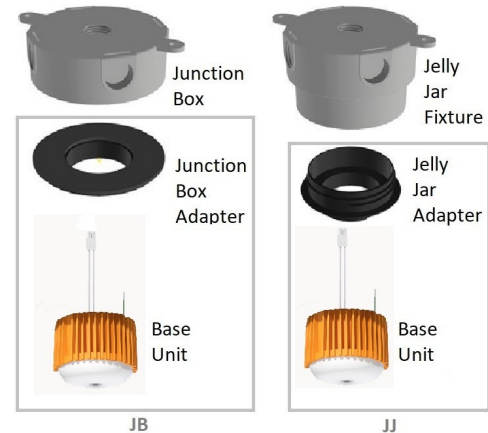
Operating temperature	-20°C to 40°C / -4°F to 104°F
Rated life	>50,000 hours
Lens material	PC
Housing material	PC/AL
Diameter	87.5mm
Height	64.7mm
Length	-
Width	-
Mount / Adaptor	JB or EB Adaptor
Connection	Junction box - 3 pole terminals Stringer - pre-configured cables
Control interface	Phase cut
Product weight per piece	0.262kg/0.578Lbs

Safety and Certifications

CE Mark	-
RoHS Compliant	Yes
ANSI/UL	Yes
Can/CSA STD C22.2 NO 250.0	Yes
NEMA 4X	Yes
Flammability mark	-
ECO energy classification	-
IEC protection class	Class I
IK impact rating	IK07
IP code	IP66

Ordering Information

Description	SKU
MLS 1500/SWR20 120V BU/S VWB Gen 3	1000000588
MLS 1500/SWR20 120V JB/S VWB GEN 3	1000000910
MLS 1500/SWR20 120V JJ/S VWB GEN 3	1000000911



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