



Junction Box Format\*

- Promotes animal welfare
- Low-profile, wide 200° beam angle
- Newest and most advanced lighting technology
- Junglite Green™ spectrum replicates natural habitat
- Advanced 10W LED system specialized for poultry
- Durable, Built For Your Barn® design
- Improves feed conversion
- Enhances productivity



Base Unit  
Format\*\*



Edison Base  
Format



Hard Wire  
Format



Jelly Jar  
Format

\*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†.



Junglite Green™ technology offers an enhanced jungle green spectrum, replicating a birds’ natural habitat and promoting growth.



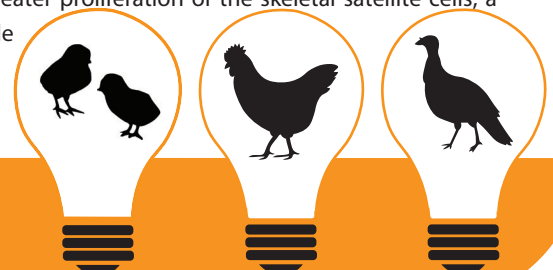
A Built For Your Barn® design uses techniques and materials that withstand harsh barn environments for years to come.

## Animal-Centric Lighting Systems

The AgriShift® MLM-G is designed with Junglite Green™ technology, the most advanced agricultural lighting solution on the market today. There are no other products available designed specifically to replicate a birds’ natural habitat with a jungle green light like this technology does. It provides an optimized color spectrum with full dimming capability, essential for healthy bird growth and sexual development.

### The Science Behind the Technology

The AgriShift® MLM-G stimulates a birds’ highest color sensitivity to meet developmental needs at all stages of growth. The added red content regulates circadian rhythms, improving animal welfare. Research has consistently concluded that broilers reared under monochromatic green light during the early growth stages experienced greater proliferation of the skeletal satellite cells, a primary muscle regenerator.



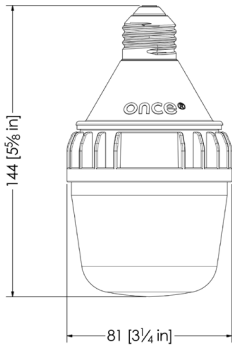
## AgriShift® MLM-G Specifications

Nominal Power	10W (at full intensity)
Luminous Flux	725 lm human photopic 1183 lm poultry photopic
Input Voltage	120 VAC / 50/60 Hz
Beam Angle	200°
Light Output Equivalence	Up to 60W incandescent
Spectral Output	Species-specific greenenhanced white, w/ added red
Operating Temperature	-20°C to 40°C / -4°F to 104°F
Dimmable Range	100% to 5%, dims -to-green - white moonlight
Dimmer Type	Phase Modulation or Amplitude Control*
Environmental Ratings	Suitable for indoor corrosive environments per UL50E Salt Spray Test (BU, JB, JJ, HW), Suitable for damp locations, RoHS Compliant
Safety	Conforms to ANSI/UL STD 1598 (BU, JB, JJ, HW), Certified to Can/CSA STD. C22.2 NO. 250.0 (BU, JB, JJ, HW), Certified to CAN/CSA STD C22.2 NO. 1993 (EB), Conforms to ANSI/UL STD. 1993 (EB)
Rated Life	50,000 hours

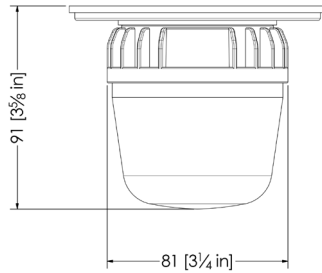
\*For optimum dimming performance use AgriShift® Controllers  
\*\*Includes (4) stainless steel screws

## AgriShift® MLM-G Mechanical Dimensions

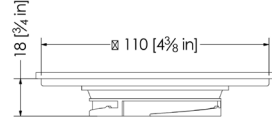
Edison Base (EB)



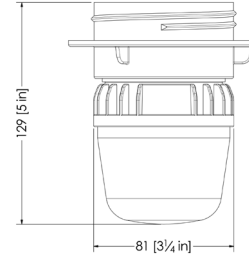
Junction Box (JB)



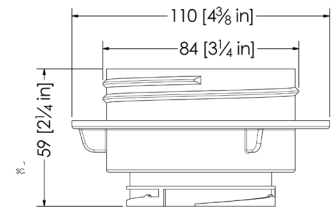
JB Adaptor Kit\*\*



Jelly Jar (JJ)



JJ Adaptor Kit\*\*



## Ordering Information

### AgriShift® MLM-G

Base Unit (BU)  
Edison Base (EB)  
Jelly Jar (JJ)  
*Includes JJ adaptor/connector kit*  
Junction Box (JB)  
*Includes JB adaptor/connector kit*  
Hard Wire (HW)

### SKU

MLM-FSWG-BU-180T-010-120  
MLM-FSWG-EB-180T-010-120  
MLM-FSWG-JJ-180T-010-120  
MLM-FSWG-JB-180T-010-120  
MLM-FSWG-HW-180T-010-120

### AgriShift® MLM-G 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*  
AgriShift® STC, Stringer Connector  
*~24 1/2 m OAL, 2.43 m sections*  
AgriShift® STC, Stringer Connector  
*~30 1/2 m OAL, 3 m sections*  
AgriShift® STA, Stringer Adaptor, 30 cm OAL  
AgriShift® STA, Stringer Adaptor, 1 m OAL  
AgriShift® STA, Stringer Adaptor, 2 m OAL  
AgriShift® STA, Stringer Adaptor, 3 m OAL  
Starter Cable, 4 ft OAL  
*Male connector on one end*

### SKU

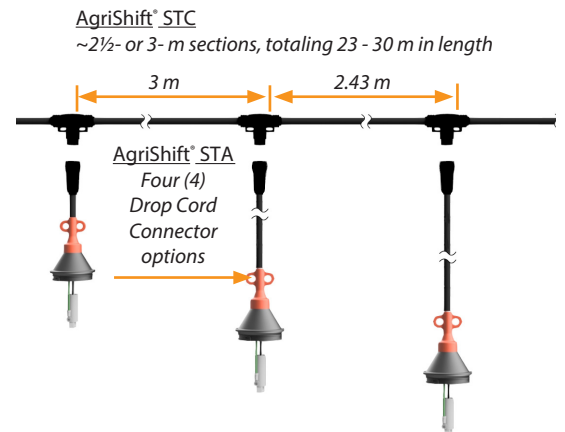
ALC-G25-UNAC-2-10  
30-014-00188-L123  
30-014-00189-L123  
30-014-00180-L123  
30-014-00180-L123-60Hz  
PRB57550GY  
PRB575GYKO  
STC-0183-10-080  
STC-0184-10-100  
STA-0197-3-012  
STA-0189-3-039  
STA-0190-3-079  
STA-0191-3-118  
STAR-0198-3-004

NEWLY  
RELEASED!

## AgriShift® STC/STA Stringer Connector/Adaptor

The AgriShift® STC/STA is a stringer designed with the flexibility to fit any ONCE® ML fixture or select in-system tube lighting option. The various drop cord lengths allow for easy and cost efficient installation.

Attaching to the ceiling of barns up to 152 meters long, the AgriShift® STC/STA comes in 25- or 30 1/2-meter lengths, with 2.43- or 3-meter sections.



[www.once.group](http://www.once.group)

Once Inc. • 15255 23rd Ave N, Plymouth, MN 55447 • info@once.group • T +1 (763) 381-5621 • F +1 (763) 381-5698

**once®**