



Jelly Jar
Format



Edison Base
Format



Hard Wire
Format



Junction Box Format

- Enhances productivity
- Improves animal welfare
- Reduces energy costs
- Replaces CFL screw-based lamps
- Energy provider rebates, DLC approved
- Advanced 10 W LED system specialized for poultry
- Low-profile, wide 200 degree beam angle
- 5 year (24/7) 50,000 hour warranty
- Junglite Green™ technology
- Built For Your Barn®



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



Junglite Green™ technology replicates the birds’ natural habitat with an enhanced, jungle-like blue/green spectrum, promoting growth and sexual development.



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

Productivity Enhancement

The AgriShift® MLM-B was created as an animal welfare friendly retrofit solution for modern broiler and turkey poultry housing systems. Designed with Junglite Green™ technology, it increases bird performance while reducing electrical, maintenance and labor costs. The AgriShift® MLM-B has an optimized color spectrum and dimming capability to meet the birds’ developmental needs, enhance welfare and provide uniform growth. This LED replaces standard CFL bulbs so it can fit directly into existing standard electrical junction boxes.

The Science Behind the Technology

The AgriShift® MLM-B has an enhanced blue and green spectrum with added red content for early bird development. Green light increases growth during early stage of development, while blue light is shown to be helpful in the growth of poultry at a later age by elevating plasma androgens. Other studies show that blue light keeps birds calm, reduce blood pressure and positively effect blood glucose and triglyceride levels.



AgriShift® MLM-B Specifications

Nominal Power	10 W (at full intensity)
Luminous Flux (nominal)	600 lm human photopic 900 lm adjusted to poultry spectral sensitivity
Input Voltage	120 VAC / 60 Hz
Beam Angle	200°
Light Output Equivalence	Up to 60 W incandescent
Spectral Output	Broiler specific red and blue/green enhanced white
Operating Temperature	-20°C to 40°C / -4°F to 104°F
Dimmable Range	100% to 5%, dims to blue-white moonlight
Dimmer Type	Phase Modulation or Amplitude Control**
Environmental Ratings	Suitable for wet locations (JB, JJ), ROHS Compliant Suitable for damp locations (EB)
Safety	ETL Listed, Conforms to UL Std. 1598 (JB, JJ) Certified to CAN/CSA C22.2 No. 250.-08 (JB, JJ) Conforms to UL Std. 1993 (EB) Certified to CSA Std. C22.2 No. 1993 (EB)
Rated Life	50,000 hours
Limited Warranty	3 Years (24/7 operation)

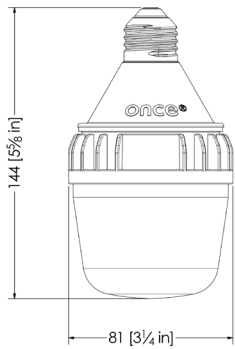
* Includes (4) stainless steel screws

** For optimum dimming performance use AgriShift® Dimmer/Controller

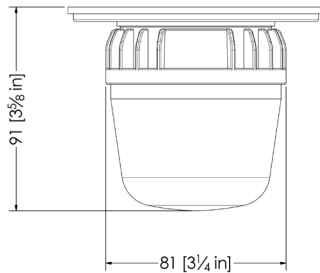
*** DLC approved product number. When submitting to your energy providers for rebates, use this product SKU.

AgriShift® MLM-B Mechanical Dimensions

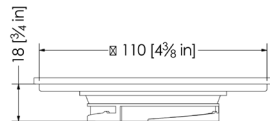
Edison Base (EB)



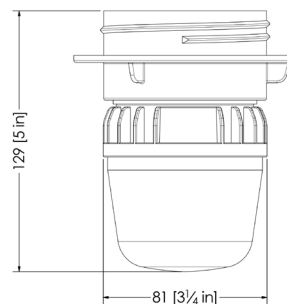
Junction Box (JB)



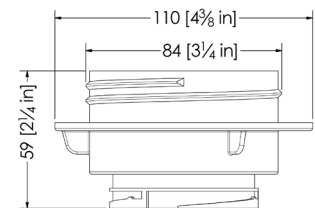
JB Adaptor Kit*



Jelly Jar (JJ)



JJ Adaptor Kit*



Ordering Information

AgriShift® MLM-B 120V***

Edison Base (EB)
Jelly Jar (JJ)

Includes JJ adapter/connector kit

Junction Box (JB)

Includes JB adapter/connector kit

Hard Wire (HW)

MLM-FSWB-BU-180T-010-120

MLM-FSWB-EB-180T-010-120

MLM-FSWB-JJ-180T-010-120

MLM-FSWB-JB-180T-010-120

MLM-FSWB-HW-180T-010-120

AgriShift® MLM-B 230V

Edison Base (EB)
Jelly Jar (JJ)

Includes JJ adapter/connector kit

Junction Box (JB)

Includes JB adapter/connector kit

Hard Wire (HW)

SKU

MLM-FSWB-EB-180T-010-230

MLM-FSWB-JJ-180T-010-230

MLM-FSWB-JB-180T-010-230

MLM-FSWB-HW-180T-010-230

AgriShift® MLM-B Accessories

Master Controller 120V

Slave Dimmer 120V

Master Controller 240V

AgriShift® STC, Stringer Connector

~ 24 1/2 m OAL, 2.43 m sections

AgriShift® STA, Stringer Connector

~ 30 1/2 m OAL, 3 m sections

AgriShift® STA, Stringer Adapter, 30 cm OAL

AgriShift® STA, Stringer Adapter, 1 cm OAL

AgriShift® STA, Stringer Adapter, 2 cm OAL

AgriShift® STA, Stringer Adapter, 1 cm OAL

AgriShift® STA, Stringer Adapter, 1 cm OAL

Male connector on one end

SKU

LCL-0.2-120V / 30-014-00134

LCL-30-014-00156-L123

LCL-0.2-240V / 30-014-00144

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/Adapter

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 installation, reducing installation costs.

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.

~ 2 1/2 or 3 m sections,
totaling 23 - 30 m in length!

