



Junction Box Format*

- Increases productivity
- Improves flock uniformity
- Enhances animal welfare
- Advanced 10W LED system specialized for poultry
- Dim-to-Blue® technology helps bird development
- Fully dimmable with sunrise and sunset feature
- Low-profile, wide 200 degree beam angle
- Built For Your Barn® design



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†.



Dim-to-Blue® technology encourages uniform growth by offering healthy bird development during every growth stage.



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

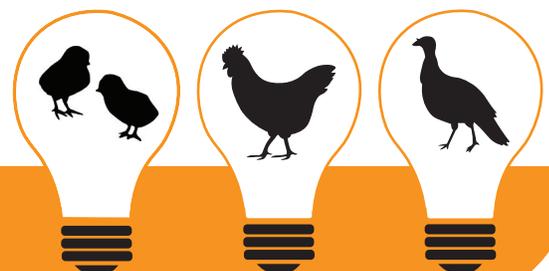
Animal-Centric Lighting Systems

The AgriShift® MLM-B is an animal welfare-friendly lighting solution made to meet a birds’ developmental needs at every stage of growth. Designed with Dim-to-Blue® technology, it optimizes performance by providing a species-specific spectrum shown to naturally calm chickens, minimizing aggressive behaviors.

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 stages 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, reduces corticosterone levels and heterophil:lymphocyte ratios—blood markers for short- and long-term stress and positively affects blood glucose and triglyceride levels.



AgriShift® MLM-B Specifications

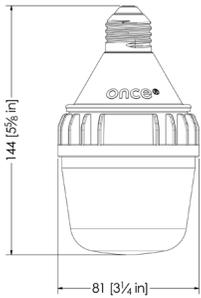
Nominal Power	10W (at full intensity)
Luminous Flux	794 lm human photopic (120V) 1382 lm poultry photopic (120V)
Input Voltage	120 VAC / 60 Hz
Beam Angle	200°
Light Output Equivalence	Up to 60W incandescent
Spectral Output	Poultry-specific blue enhanced white, w/ added red
Operating Temperature	-20°C 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 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

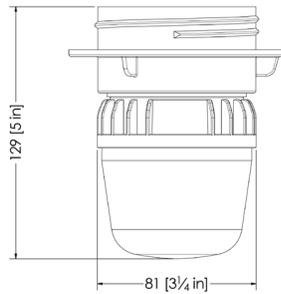
** Includes (4) stainless steel screws

AgriShift® MLM-B Mechanical Dimensions

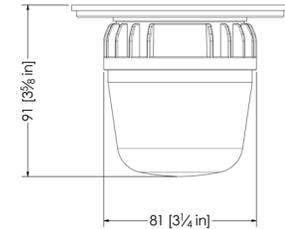
Edison Base (EB)



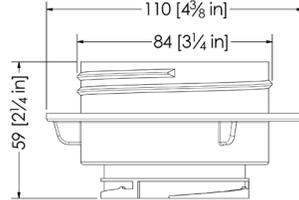
Jelly Jar (JJ)



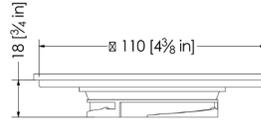
Junction Box (JB)



JJ Adapter Kit



JB Adapter Kit



Ordering Information

AgriShift® MLM-B 120V	SKU
Base Unit (BU)	MLM-FSWB-BU-180T-010-120
Edison Base (EB)	MLM-FSWB-EB-180T-010-120
Jelly Jar (JJ)	MLM-FSWB-JJ-180T-010-120
<i>Includes JJ adapter/connector kit</i>	
Junction Box (JB)	MLM-FSWB-JB-180T-010-120
<i>Includes JB adapter/connector kit</i>	
Hard Wire (HW)	MLM-FSWB-HW-180T-010-120
AgriShift® MLM-B 230V	SKU
Base Unit (BU)	MLM-FSWB-BU-180T-010-230
Edison Base (EB)	MLM-FSWB-EB-180T-010-230
Jelly Jar (JJ)	MLM-FSWB-JJ-180T-010-230
<i>Includes JJ adapter/connector kit</i>	
Junction Box (JB)	MLM-FSWB-JB-180T-010-230
<i>Includes JB adapter/connector kit</i>	
Hard Wire (HW)	MLM-FSWB-HW-180T-010-230

AgriShift® MLM-B Accessories

AgriShift® MLM-B Accessories	SKU
AgriShift® G Controller	ALC-G2S-UNAC-2-10
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
AgriShift® STC, Stringer Connector	STC-0183-10-080
<i>~ 24 1/2 m OAL, 2.43 m sections</i>	
AgriShift® STC, Stringer Connector	STC-0184-10-100
<i>~ 30 1/2 m OAL, 3 m sections</i>	
AgriShift® STA, Stringer Adapter, 30 cm OAL	STA-0197-3-012
AgriShift® STA, Stringer Adapter, 1 m OAL	STA-0189-3-039
AgriShift® STA, Stringer Adapter, 2 m OAL	STA-0190-3-079
AgriShift® STA, Stringer Adapter, 3 m OAL	STA-0191-3-118
Starter Cable, 4 ft OAL	STAR-0198-3-004
<i>Male connector on one end</i>	

NEWLY
RELEASED!

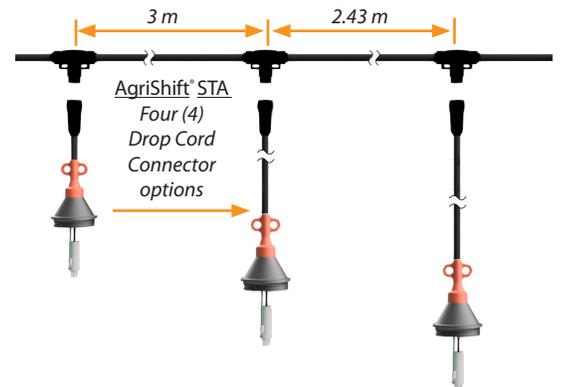
AgriShift® STC/STA Stringer Connector/Adapter

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 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.

AgriShift® STC

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



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®