



Junction Box Format



Edison Base Format



Jelly Jar Format



Hard Wire Format

Products shown in standard junction boxes (not included).

- Modular LED lighting system adapts to most existing fixtures
- 12 W LED light output equivalent to 100 W incandescent
- Designed specifically for poultry vision
- Full Spectrum with Enhanced Red
 - gets the birds up and moving
 - promotes early weight gain
 - increases long term ADGs
- Dim-to-Blue® During Grow Out
 - calms the birds
 - improves feed conversion
 - reduces condemnation
- Built for Your Barn®
 - watertight to withstand washing
 - wet location rated
 - conforms to NEC547 for Ag Buildings
- Patented spectral output for avian vision†
- 5 Year (24/7) warranty



Eliminates Brood Lights, Promotes Calmness and Improves Welfare

Enhances Productivity

The AgriShift® MLB is the first line of broiler lights to take advantage of the visual response of domestic fowl. The full spectrum light output contains enhanced red and Dim-to-Blue® technology allowing complete control of lighting levels and color spectrum throughout the life cycle of the bird. With a proper production dimmer and a well-thought-out lighting program, producers can improve bird weight, flock uniformity and feed conversion while lowering stress levels and improving animal welfare.

Built for Your Barn®

ONCE LED lighting systems have a robust design, made specifically for the harsh conditions of modern agricultural facilities. The AgriShift® MLB is designed to be wet location compatible, National Electrical Code compliant for Agricultural Facilities (Article 547), and ETL listed. In addition, the AgriShift® MLB is built to withstand corrosive vapors and excessive dust accumulation. This prolongs life and eliminates maintenance calls. The modular design allows for easy installation in a wide range of applications. The 50,000 hour lifetime is backed by a 5 year (24/7) replacement warranty.

Specifications

Light Output Equivalence	Up to 100 W Incandescent
Luminous Flux (nominal)	650 lm human photopic 950 lm adjusted to poultry spectral sensitivity
Input Voltage	120 VAC or 230 VAC options (not dual voltage)
Frequency	50/60 Hz
Nominal Power	12 W (at full intensity)
Spectral Output	Broiler and Pullet specific red and blue enhanced white
Power Factor	> 0.98 nominal
Total Harmonic Distortion	< 20% nominal
Beam Angle	180°
Operating Temperature	-20°C to 40°C
Dimmability Range	100% to 5%, dims to blue-white moonlight
Dimmer Type	Phase Modulation or Amplitude Control**
Environmental Ratings	Suitable for Wet Locations (JB, JJ, HW) Suitable for Damp Locations (EB) Suitable for Indoor Corrosive Environments Tested to CAN / CSA C22.2 NO. 94.2-07, CLAUSE 8.7 ROHS Compliant
Safety	ETL Listed Conforms to UL Std. 1598 (HW, JB) Certified to CAN / CSA C22.2 NO. 250.0-08 (HW, JB) Conforms to UL Std. 1993 (EB, JJ) Certified to CSA Std. C22.2 NO 1993 (EB, JJ)
Electrical Code Compliant	NEC Article 547 Agricultural Buildings***
Rated Life	50,000 hours
Limited Warranty	5 Years (24/7 operation)

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

***Except EB format

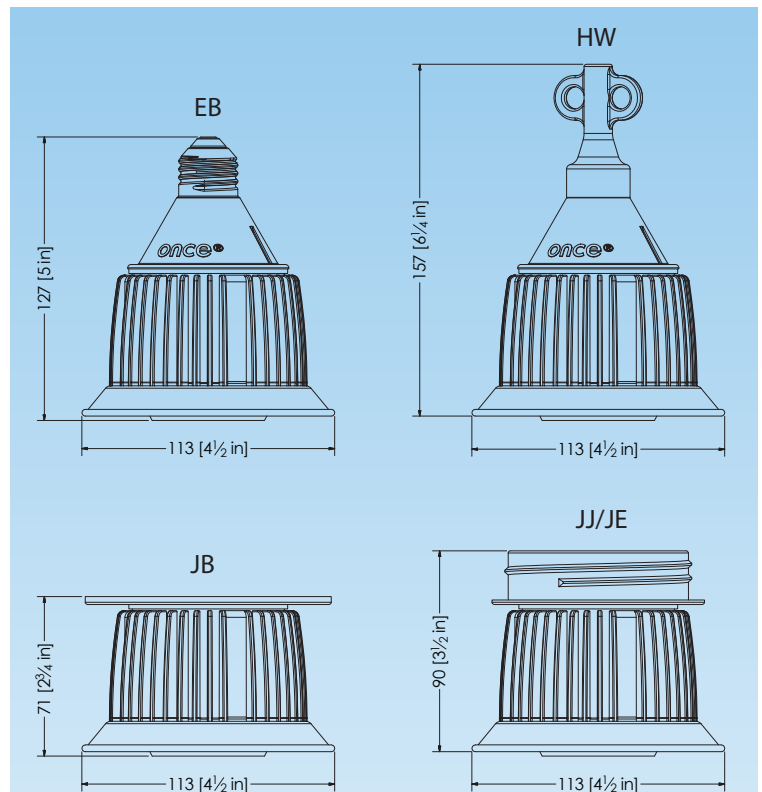
Ordering Information

Description	120V	230V
Edison Base (EB) Consists of a Base Unit plus an EB Adaptor/Connector Kit	MLB-FSWB-EB-180-012-120	MLB-FSWB-EB-180-012-230
Junction Box Mount (JB) Consists of a Base Unit plus a JB Adaptor/Connector Kit	MLB-FSWB-JB-180-012-120	MLB-FSWB-JB-180-012-230
Jelly Jar Mount (JJ) Consists of a Base Unit plus a JJ Adaptor/Connector Kit	MLB-FSWB-JJ-180-012-120	MLB-FSWB-JJ-180-012-230
Jelly Jar Mount - Euro (JE) Consists of a Base Unit plus a JE Adaptor/Connector Kit	MLB-FSWB-JE-180-012-120	MLB-FSWB-JE-180-012-230
Hard-Wired (HW) Consists of a Base Unit plus a HW Adaptor/Connector Kit	MLB-FSWB-HW-180-012-120	MLB-FSWB-HW-180-012-230

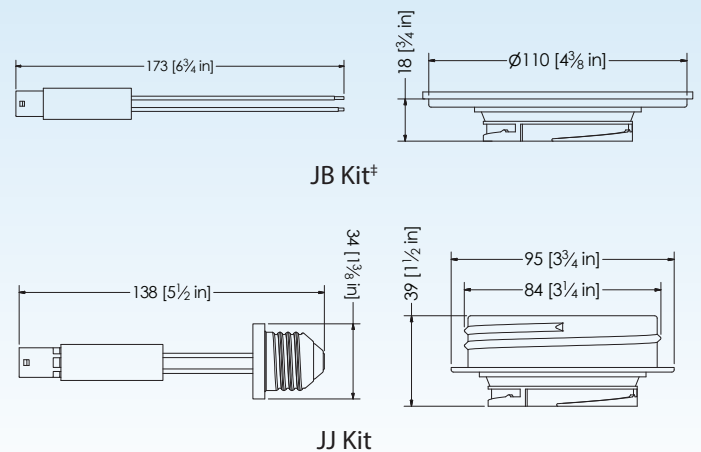
Notes

All units are fused for both internal and external protection; however, it is highly recommended that Class II surge suppression be installed on your electric circuit. This is in addition to a whole house lightning arrestor that is mounted before your electrical panel. Read the Installation Manual for specific requirements.

Mechanical Dimensions (mm)



Adaptor/Connector Kits



*Includes (4) stainless steel screws



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