

ANIMAL LIGHTING

AgriShift MLB 120V Gen 3



- *Promotes early weight gain*
- *Low-profile, wide beam angle*
- *Advanced system specialized for poultry*
- *14W LED equivalent to 100W incandescent*
- *Enhances animal welfare*

Introduce your poultry to animal-centric lighting

The third generation AgriShift MLB fixture for broiler and turkey operations features a brighter, longer lasting and more rugged design that is less sensitive to power fluctuations. It is fully sealed against moisture and is made with species-specific, Dim-to-Blue technology. It offers an optimized color spectrum and full dimming capability, allowing producers to enhance production by controlling

photoperiod and light intensity throughout the entire life cycle of the bird.

With an AgriShift Control or Dim, and a ONCE recommended lighting program, producers can improve bird weight, flock uniformity and feed conversion rates.

Specifications and Ordering

AgriShift MLB 120V GEN 3 Specifications

Nominal power	14W
Luminous flux - human photopic	1400 lm
Luminous flux - animal photopic	-
Luminous Flux Melonopic	-
Initial LED luminaire efficacy	103lm/W
Input voltage	120VAC
Input frequency	60 Hz
Driver included	No
Protection	Overheat
Power consumption tolerance	+/-5%
Power factor	0.98
Beam angle	Very Wide
Beam spread	Dual asymmetric
Driver failure rate at 50k hrs	-
Warranty period	5 years
Recyclable	Yes
HS code	8539520010
Country of origin	Peoples Republic of China

Spectral Output and Dimming Specifications

Dimmable	Yes
Dimmable range	100% to 1%
Colour temperature (K)	6.5k white + blue

Operating and Mechanical Specifications

Operating temperature	-20°C to 40°C / -4°F to 104°F
Lumen maintenance L70B50 [h]	>50,000 hours
Lens material	PC
Housing material	PC/AL
Diameter	87.5mm
Height	106.5mm
Length	-
Width	-
Mount / Adaptor	MLM Adapters
Connection	Junction box - 3 pole terminals Stringer - pre-configured cables
Control interface	PWM
Product weight per piece	0.312kg/0.686Lbs

Safety and Certifications

CE mark	-
RoHS compliant	Yes
ANSI/UL	Yes
Can/CSA STD C22.2 NO 250.0	-
CB	-
Flammability mark	-
IEC protection class	Class I
IK impact rating	IK03
IP code	IP66

Ordering Information

Description	SKU
MLB 1400/WB20 120V BU/T VWB Gen 3	1000000580
MLB 1400/WB20 120V EB/T VWB Gen 3	1000000490
MLB 1400/WB20 120V JB/T VWB Gen 3	1000000885
MLB 1400/WB20 120V JJ/T VWB Gen 3	1000000886
MLB 1400/WB20 120V HW/T VWB Gen 3	1000000887

