

AgriShift EL Light Fixture for Layers



- *Improves animal welfare*
- *3W equivalent to 25W incandescent*
- *Fully dimmable with sunrise and sunset feature*
- *Low-profile, small form factor lighting system*
- *Advanced system specialized for layers*
- *Dim-to-Red[®] technology calms flock*
- *Durable, Built For Your Barn[®] design*

Animal-Centric Lighting Systems

The AgriShift[®] EL is designed to be placed directly down the center of inspection aisles on standard, enriched or aviary systems. It uses a standard ½ inch PVC conduit body as housing and T-Tap electrical connectors, allowing for easy installation.

The Science Behind the Technology

The AgriShift[®] EL has a deep red saturated light output with an added blue and green spectrum, benefiting the vision of your animal. The enhanced red spectrum is the only spectrum which stimulates a hen's hypothalamic and pineal oscillators, helping maintain circadian rhythms and promoting sexual maturity.

Productivity Enhancement

Dim-to-Red[®] technology makes it easy to provide natural daylight simulation for enhanced productivity. The red spectrum used has been shown to decrease time to peak production by stimulating the release of two reproduction regulating hormones essential for sexual maturation and daily egg laying. Sunrise and sunset simulation eliminates the stress of switching lights on and off abruptly, lowering mortality, while improving immune response.

Specifications and Ordering

AgriShift EL

Nominal power	3.5 W
Luminous flux - human photopic	175 lm
Luminous flux - animal photopic	-
Luminous Flux melonopic	-
Initial LED luminaire efficacy	50 lm/W
Input voltage	120VAC
Input frequency	60 Hz
Driver included	Yes
Surge protection	MOV/FUSE
Power consumption tolerance	+/-10%
Power factor	0.98
Beam angle	180
Beam spread	-
Driver failure rate at 50K hrs	<5%
Warranty period	5 years
Recyclable	No
HS code	8536908530
Country of origin	Peoples Republic of China

Spectral Output and Dimming Specifications

Dimmable	Yes
Dimmable range	1%-100%
Spectral output	2200 K

Operating and Mechanical Specifications

Operating temperature	-20°C to 40°C / -4°F to 104°F
Rated life	-
Lens material	PC
Housing material	-
Diameter	-
Height	14.5mm
Length	103.9mm
Width	34mm
Lens Shape	-
Mount / Adaptor	Conduit Body
Connection	-
Control interface	-
Product weight per piece	-

Safety and Certifications

CE Mark	-
RoHS Compliant	-
ANSI/UL	Yes
Can/CSA STD C22.2 NO 250.0	Yes
CB	-
Flammability mark	-
ECO energy classification	-
IEC protection class	-
IK impact rating	-
IP code	-

Ordering Information

Description	SKU
EL 132/WR50 120V HW WB	1000000611

Contact us

or learn more at:

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Revised 4/2021 Data subject to change