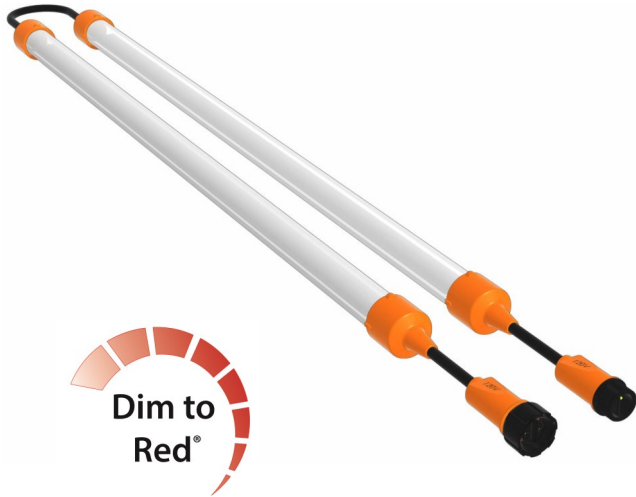


# once<sup>®</sup> ANIMAL LIGHTING

## AgriShift<sup>®</sup> TLL, 2 Tubes, OAL 97" Gen 3 In-System Tube Light for Layers



- Noticeably calmer and less stressed birds
- Fully dimmable sunrise/sunset simulation improves animal welfare
- 97" tube light provides a uniform and continuous light pattern free of dark spots
- Red spectrum promotes sexual maturity
- Easy installation decreases labor costs
- Helps maintain circadian rhythms

## Introduce your layer to animal-centric lighting

Experience healthier and more productive animals with the AgriShift<sup>®</sup> TLL in-system tube light for layers. It features a species-specific spectrum with patented Dim-to-Red<sup>®</sup> technology that has been scientifically proven to encourage layer sexual maturation and daily egg production. When paired with a ONCE<sup>®</sup> AgriShift<sup>®</sup> Controller and recommended lighting schedule, producers have the ability to simulate a natural sunrise and sunset, maintaining circadian rhythms and reducing overall animal stress.

The AgriShift<sup>®</sup> TLL in-system tube light offers a more uniform and continuous light pattern free of dark spots and shadows, so birds are calmer and less stressed.

The AgriShift<sup>®</sup> TLL has a deep red saturated light output with an added blue and green spectrum, which benefits your animal's vision. The enhanced red spectrum effectively stimulates a bird's hypothalamic and pineal oscillators. Stimulating these key areas of the brain (i) promotes maturation and egg production through the release of regulatory reproductive hormones, and (ii) maintains circadian rhythms.

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Visit our website for more information: [www.once.lighting](http://www.once.lighting)

# Specifications and Ordering

## AgriShift® TLL, 2 Tubes, OAL 97" Gen 3

Nominal power	6 W
Luminous flux - human photopic	340 lm
Luminous flux - animal photopic	-
Luminous Flux melonopic	-
Initial LED luminaire efficacy	57 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	Very Wide
Beam spread	-
Driver failure rate at 50K hrs	<5%
Warranty period	5 years
Recyclable	No
HS code	8539.52.0051
Country of origin	Peoples Republic of China

## Spectral Output and Dimming Specifications

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

## Operating and Mechanical Specifications

Operating temperature	-20°C to 40°C / -4°F to 104°F
Rated life	>50,000 hours
Lens material	PVC
Housing material	PVC
Diameter	26.6mm
Height	-
Length	2463mm (97in)
Lens Shape	Tube
Mount / Adaptor	Clips
Connection	Starter/Extension cables Tubes connected in series
Control interface	Phase cut
Product weight per piece	0.48kg / 1.06lbs

## Safety and Certifications

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

## Ordering Information

Description	SKU
TLL 331/WR40 120V 2T/97 WB Gen 3	1000000789

## Contact us

or learn more at:

[www.once.lighting](http://www.once.lighting)

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Revised 4/2021 Data subject to change