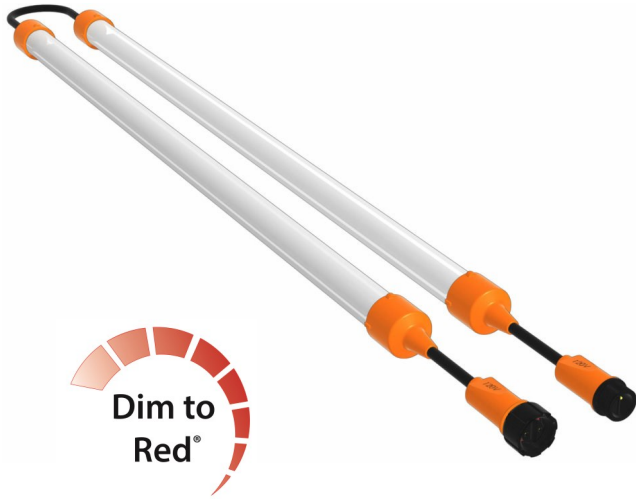


once[®] ANIMAL LIGHTING

AgriShift[®] TLL, 2 Tubes, OAL 194" Gen 3 In-System Tube Light for Layers



- *Noticeably calmer and less stressed birds*
- *Fully dimmable sunrise/sunset simulation improves animal welfare*
- *194" 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[®] TLL in-system tube light for layers. It features a species-specific spectrum with patented Dim-to-Red[®] technology that has been scientifically proven to encourage layer sexual maturation and daily egg production. When paired with a ONCE[®] AgriShift[®] 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[®] 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[®] 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.

Visit our website for more information: www.once.lighting

Specifications and Ordering

AgriShift® TLL, 2 Tubes, OAL 194" Gen 3

Nominal power	6 W
Luminous flux - human photopic	340 lm
Luminous flux - animal photopic	-
Luminous Flux melanopic	-
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	4934mm (194.3in)
Lens Shape	Tube
Mount / Adaptor	Clips
Connection	Starter/Extension cables Tubes connected in series
Control interface	Phase cut
Product weight per piece	0.73kg / 1.61lbs

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/194 WB Gen 3	1000000854

Contact us

or learn more at:

www.once.lighting

3955 Annapolis Ave N, Suite 100

Plymouth, MN 55447

United States of America

P +1 (763) 381-5621

info@onceteam.com

Am Südfeld 7

49377 Vechta

Germany

P +49 (0) 4441-8898-10

info.germany@onceteam.com

once
by  **signify**

© 2021 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify.

Revised 4/2021 Data subject to change