



ANIMAL-CENTRIC LIGHTING SYSTEMS

SILOX-PRO Tube Light, Dim-to-Red



- *Help maintain circadian rhythms*
- *Improve animal welfare with natural sunrise/sunset simulation*
- *Stimulate reproductive hormones essential for sexual maturation and daily egg production in poultry*
- *Full dimming and programming capabilities allow LED to be used as a safety light in swine facilities*

Introduce your animals to species-specific lighting

Designed to influence desirable physiological and biological processes in animals, the SILOX-PRO Dim-to-Red Tube Light provides a species-specific spectrum to benefit your animals' wellbeing.

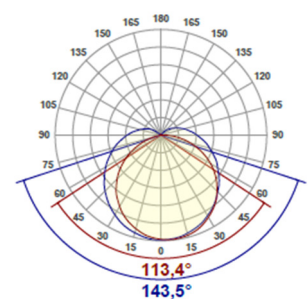
This fixture features total dimmability, high efficiency, energy savings, maximum durability, uniform light distribution and more. Pair with any of our ITF enclosures for a high protection grade (IP67), waterproof solution.



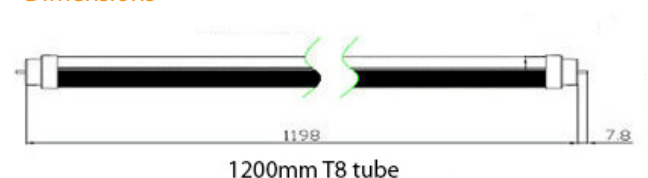
Poultry-specific Dim-to-Red technology improves animal welfare by helping maintain circadian rhythms and seasonality by offering natural daylight sunset simulation.

Swine-specific Dim-to-Red technology reduces interruptions during animal sleep cycles by dimming fully to red, which swine perceive as darkness.

Beam Spread



Dimensions



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

Once Inc., a Signify company

Specifications and Ordering

SILOX-PRO Tube Light, Dim-to-Red Specifications

Nominal power	22W
Luminous flux - human photopic	1860lm
Luminous flux - poultry photopic	-
Luminous Flux Melonopic	-
Initial LED luminaire efficacy	116 lm/W
Input voltage	230V
Input frequency	50/60 Hz
Driver included	No
Surge Protection	-
Inrush current	8A
Inrush time	300µs
Power consumption tolerance	+/- 5%
Power factor	0.86
Beam angle	114°
Beam spread	160°
Warranty period	3 Years
HS code	85395000
Country of origin	Federal Republic of Germany

Spectral Output and Dimming Specifications

Dimmable	Yes
Dimmable range	100% to 0%
Spectral Output	5000K, daylight, and red

Operating and Mechanical Specifications

Operating temperature	-10°C – 40°C / 14°F - 104°F
Rated Life	>50,000 hours
Lens material	PC/PMMA
Housing material	Aluminium + PC
Diameter	25mm / 1 in (T8)
Height	-
Length	1200mm / 4 ft
Width	-
Mount / Adaptor	G13 rotatable base
Connection	Based on enclosure
Control interface	EPU-1500 Controller

Safety and Certifications

CE Mark	Yes
RoHS Compliant	Yes
ANSI/UL	-
Can/CSA STD C22.2 NO 250.0	-
UL50E	-
ESÇ	-
ENEC	-
CB	-
SASO (Saudi Arabia)	-
NOM (Mexico)	-
CCC (China)	-
ANATEL (Brazil)	-
Flammability mark	-
IEC protection class	Class 2
IK impact rating	Based on enclosure
IP Code	Based on enclosure

Ordering Information

SILOX-PRO Tube Light Dim-to-Red | 929002100301

Dim-to-Red Spectrum



Contact us

or learn more at:

www.once.lighting

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