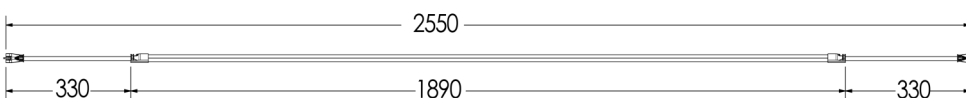# ONCe® ANIMAL LIGHTING

TULEX-180-PRO-W3000+Red

- *Low voltage power system*

- *Innovative tube light with wide beam angle*

- *Reduce feather pecking with added red spectrum*

- *Improve animal welfare with full dimming and programming capabilities*

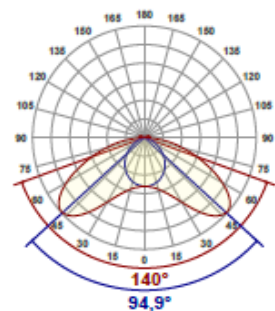- *Durable and sustainable lighting solution*

Invest in the quality of your lighting system

There several factors when shopping for the best lighting systems that ensure success when raising animals commercially, including animal well-being and performance, uniform light distribution, total dimmability, energy savings, maximum durability and lifespan of the products. The TULEX-180-PRO-W3000+Red is an adaptable and easy-to-use lighting fixture that offers these features and more.

Dimensions

2550
330   1890   330

Beam Spread

140°
94,9°

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

Specifications and Ordering

TULEX-180-PRO-W3000+Red Specifications

Nominal power	4W / 2.6W
Luminous flux - human photopic	520 lm (ww), 156 lm (red)
Luminous flux - poultry photopic	-
Initial LED luminaire efficacy	130 lm/W (ww), 60 lm/W (red)
Input voltage	48VDC
Input frequency	DC
Driver included	No
Surge protection	-
Inrush current	-
Inrush time	-
Power consumption tolerance	+/- 10%
Power factor	-
Beam angle	145°
Beam spread	-
Warranty period	3 years
HS code	85395000
Country of origin	People´s Republic of China

Spectral Output and Dimming Specifications

Dimmable	Yes
Dimmable range	100% to 1%
Colour temperature (K)	3000K
CRI	>80
Flicker index [Pst]	<1
Stroboscopic effect [SVM]	Exempt
Colour consistency [SDCM]	6

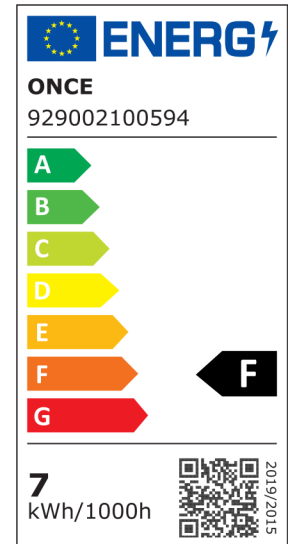## Operating and Mechanical Specifications

Operating temperature	-10°C to 40°C / 14°F to 104°F
Lumen maintenance L70B50 [h]	>50,000 hours
Lens material	PC/PMMA
Housing material	PC/PMMA
Diameter	16mm
Height	-
Length	1890mm (2530mm with cable)
Width	-
Mount / Adaptor	Steel wire using fixing clamps
Connection	Cables with snap-in connectors
Control interface	PWM
Product weight per piece	0.54 kg / 1.19 Lbs pc.

Safety and Certifications

CE Mark	Yes
RoHS compliant	Yes
ANSI/UL	No
CB	Yes
Flammability mark	HB
EU energy classification rating	F
IEC protection class	Class III
IK impact rating	IK03
IP Code	IP69

Ordering Information

Description	SKU	Order code
TULEX-180-PRO-W3000+Red	1000000155	
TULEX-180-PRO-W3000+Red (10 pcs)		929002100594

ONCE
929002100594

A
B
C
D
E
F
G

F

7 kWh/1000h

2019/2015

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www.once.lighting

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by signify

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