

# PRODUCT DATASHEET

## L 36 W/965

BIOLUX T8 | Tubular fluorescent lamps 26 mm, with G13 bases, for animal rearing



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### AREAS OF APPLICATION

- Excellent for raising small animals

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### PRODUCT BENEFITS

- Emit a daylight white light that gives your animals a sense of natural sunlight

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### PRODUCT FEATURES

- Very good color rendering group: 1A ( $R_a: \geq 90$ )



**TECHNICAL DATA**

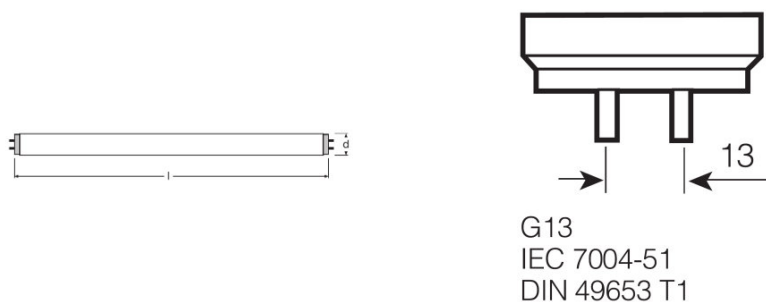
Electrical data

Nominal wattage	36.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	36.00 W

Photometrical data

Rated lamp efficacy (standard condition)	64 lm/W
Color rendering index Ra	≥95
Rated luminous flux	2300 lm
Luminous flux at 25 °C	2300 lm
Light color	6500
Rated color temperature	6500 K
Nominal luminous flux	2300 lm
Light color (designation)	BIOLUX
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.84
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.78
Color temperature	6500 K
Luminous flux	2300 lm
Color rendering index Ra	≥95

Dimensions & weight



Tube diameter	26 mm
Length	1200 mm
Length with base excl. base pins/connection	1200.00 mm

<b>Diameter</b>	26.0 mm
<b>Maximum diameter</b>	26.0 mm

Temperatures & operating conditions

<b>Rated ambient temp.w.max.luminous flux</b>	25.0 °C
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Lifespan

<b>Service life</b>	16000 h <sup>1)</sup>
<b>Lifespan</b>	20000 h <sup>1)</sup>
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.99
<b>Rated lamp survival factor at 8,000 h</b>	0.99
<b>Rated lamp survival factor at 12,000 h</b>	0.99
<b>Rated lamp survival factor at 16,000 h</b>	0.90
<b>Rated lamp survival factor at 20,000 h</b>	0.50
<b>Operation mode LLMF/LSF</b>	HF
<b>Rated lamp life time</b>	20000 h
<b>Nominal lamp life time</b>	20000 h

<sup>1)</sup> With preheat ECG

Additional product data

<b>Base (standard designation)</b>	G13
<b>Mercury content</b>	4.5 mg
<b>Show WEEE picto</b>	Yes

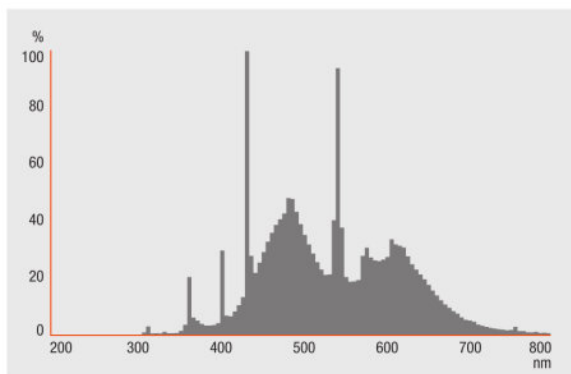
Capabilities

<b>Suitable for indoor</b>	Yes
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Certificates & standards

<b>Energy efficiency class</b>	B
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<b>Energy consumption</b>	43 kWh/1000h

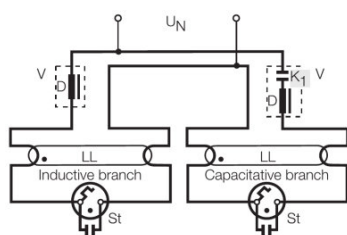
## Light Distribution



Spectral power distribution

## SAFETY ADVICE

- In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)



Circuit diagram

## LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300270821	L 36 W/965	Shipping carton box 10	1244 mm x 76 mm x 150 mm	14.18 dm <sup>3</sup>	2075.80 g

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4050300937977	L 36 W/965	Shipping carton box 10	1287 mm x 60 mm x 177 mm	13.67 dm <sup>3</sup>	2857.00 g
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The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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#### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.