

## PRODUCT DATASHEET

### L 18 W/965

BIOLUX® T8 | Tubular fluorescent lamps 26 mm, with G13 bases, emits light similar to daylight



#### Areas of application

- Applications where light similar to daylight is required

#### Product benefits

- Emits light similar to daylight

#### Product features

- Very good color rendering index



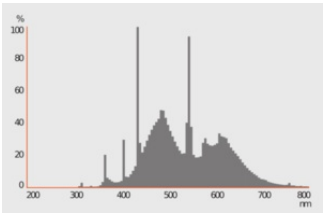
TECHNICAL DATA

Electrical data

Nominal wattage	18 W
Construction wattage	18.80 W
Nominal voltage	57 V
Nominal current	0.37 A

Photometrical data

Luminous flux	950 lm
Luminous efficacy	51 lm/W
Light color (designation)	BIOLUX
Color temperature	6500 K
Color rendering index Ra	≥95
Light color	965
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
Rated LLMF at 20,000 h	0.76



349645\_FL\_965\_Biolux

Dimensions & Weight

Overall length	604.00 mm
Length with base excl. base pins/connection	590,00 mm
Diameter	26.00 mm
Tube diameter	26 mm

Product weight	86.00 g
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### Lifespan

Service life	16000 h <sup>1)</sup>
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.99
Rated lamp survival factor at 16,000	0.90
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h

1) With preheat ECG

### Additional product data

Base (standard designation)	G13
Mercury content	5.3 mg

### Capabilities

Dimmable	Yes
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### Certificates & Standards

Energy efficiency class	G
Energy consumption	19.00 kWh/1000h

### Country-specific categorizations

ILCOS	FD-18/965-E-G13-26/600
Order reference	L 18W/965 BIOLU

### Energy labelling regulation data acc EU 2019/2015





Lighting technology used	OTHER_FL
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	G13
Connected light source (CLS)	No
Color-tuneable light source	No

Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	604.00 mm
Height	26.00 mm
Width	26.00 mm
Chromaticity coordinate x	0,313
Chromaticity coordinate y	0,327
Beam angle correspondence	SPHERE_360
EPREL ID	546383
Model number	AC34158

### Safety advice

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

### DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077899-EN-00 - T8 BIOLUX
	Certificates	EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Sertifikaciya FL
	Certificates	EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL
Photometric and lighting design files		Document name
	Spectral power distribution	349645_FL_965_Biolux

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300937939	Sleeve 1	29 mm x 36 mm x 650 mm	120.00 g	0.68 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300637013	Shipping box 10	663 mm x 169 mm x 75 mm	1381.40 g	8.40 dm <sup>3</sup>

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.

DISCLAIMER

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