

PRODUCT DATASHEET

L 36 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



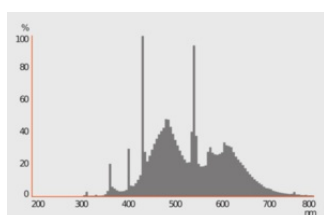
TECHNICAL DATA

Electrical data

| | |
|----------------------|---------|
| Nominal wattage | 36 W |
| Construction wattage | 37.40 W |
| Nominal voltage | 103 V |
| Nominal current | 0.43 A |

Photometrical data

| | |
|---------------------------|---------|
| Luminous flux | 2300 lm |
| Luminous efficacy | 61 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 |



Dimensions & Weight

| | |
|---|------------|
| Overall length | 1213.60 mm |
| Length with base excl. base pins/connection | 1200 mm |
| Diameter | 26.00 mm |
| Tube diameter | 26 mm |

| | |
|----------------|----------|
| Product weight | 165.00 g |
|----------------|----------|

Lifespan

| | |
|--|-----------------------|
| Nominal lamp life time | 20000 h |
| Service life | 16000 h ¹⁾ |
| Rated lamp survival factor at 2,000 h | 0.99 |
| Rated lamp survival factor at 4,000 | 0.99 |
| Rated lamp survival factor at 6,000 | 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 |
|----------|-----|

Certificates & Standards

| | |
|-------------------------|-----------------|
| Energy efficiency class | G |
| Energy consumption | 38.00 kWh/1000h |

Country-specific categorizations

| | |
|-----------------|-------------------------|
| ILCOS | FD-36/965-E-G13-26/1200 |
| Order reference | L 36W/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 | 1213.60 mm |
| Height | 26.00 mm |
| Width | 26.00 mm |
| Chromaticity coordinate x | 0,313 |
| Chromaticity coordinate y | 0,327 |
| Beam angle | SPHERE_360 |
| EPREL ID | 546384 |
| Model number | AC34159 |

Safety advice

– In case of lamp breakage: www.ledvance.com/brokenlamp

DOWNLOAD DATA

| DOWNLOAD DATA | |
|--|---|
|  | Certificates EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL |
|  | Certificates EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Sertifikaciya FL |
|  | Declarations of conformity EC Declaration of Conformity - 2021 9C1-4077899-EN-00 - T8 BIOLUX |
|  | Advertisements 335262_Light color and lumen overview / Lichtfarben- und Lumenübersicht |
|  | Advertisements 333856_BIOLUX In this light even lizards will enjoy lounging |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300270821 | Sleeve 1 | 1,215 mm x 29 mm x 29 mm | 203.00 g | 1.02 dm ³ |

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4008321918420 | Shipping box 10 | 1,244 mm x 76 mm x 150 mm | 2075.80 g | 14.18 dm ³ |

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.