# PRODUCT DATASHEET
# L 70 W/835

## LUMILUX T8 | Tubular fluorescent lamps 26 mm, with G13 bases



### AREAS OF APPLICATION

- Public buildings
- Office lighting
- Industry
- Shops
- Supermarkets and department stores
- Street lighting
- Outdoor applications only in suitable luminaires

### PRODUCT BENEFITS

- Proven lamp technology
- Good economy thanks to high efficiency
- Available in many different light colors (2,700...8,000 K) for various applications

### PRODUCT FEATURES

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering group: 1B ($R_a$: 80...89)
- Dimmable
- Top-quality three-band phosphor: LUMILUX


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## TECHNICAL DATA

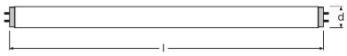
### Electrical data

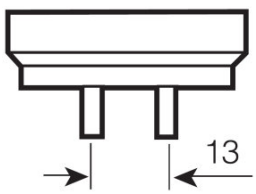
| | |
|---|---|
| **Nominal voltage** | 129 V |
| **Nominal wattage** | 70.00 W |
| **Rated lamp efficacy (HF data 25 °C)** | Under clarification by authority and standardization body |
| **Rated wattage** | 69.50 W |
| **Lamp current** | 0.47 A |

### Photometrical data

| | |
|---|---|
| **Color rendering index Ra** | ≥80 |
| **Rated luminous flux** | 6000 lm |
| **Luminous flux at 25 °C** | 6200 lm |
| **Light color** | 3500 |
| **Rated color temperature** | 3500 K |
| **Nominal luminous flux** | 6000 lm |
| **Light color (designation)** | LUMILUX White |
| **Rated LLMF at  2,000 h** | 0.96 |
| **Rated LLMF at 4,000 h** | 0.95 |
| **Rated LLMF at 6,000 h** | 0.94 |
| **Rated LLMF at 8,000 h** | 0.92 |
| **Rated LLMF at 12,000 h** | 0.91 |
| **Rated LLMF at 16,000 h** | 0.90 |
| **Rated LLMF at 20,000 h** | 0.89 |
| **Color temperature** | 3500 K |
| **Luminous flux** | 6000 lm |
| **Color rendering index Ra** | ≥80 |

### Dimensions & weight






G13
IEC 7004-51
DIN 49653 T1

| | |
|---|---|
| **Tube diameter** | 26 mm |


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| | |
|---|---|
| **Length** | 1778 mm |
| **Length with base excl. base pins/connection** | 1764.00 mm |
| **Diameter** | 26.0 mm |

## Temperatures & operating conditions

| | |
|---|---|
| **Rated ambient temp.w.max.luminous flux** | 25.0 °C |

## Lifespan

| | |
|---|---|
| **Service life** | 18000 h [1)] |
| **Lifespan** | 20000 h [1)] |
| **Rated lamp survival factor at 2,000 h** | 1.00 |
| **Rated lamp survival factor at 4,000 h** | 1.00 |
| **Rated lamp survival factor at 6,000 h** | 1.00 |
| **Rated lamp survival factor at 8,000 h** | 1.00 |
| **Rated lamp survival factor at 12,000 h** | 0.99 |
| **Rated lamp survival factor at 16,000 h** | 0.90 |
| **Rated lamp survival factor at 20,000 h** | 0.50 |
| **Operation mode LLMF/LSF** | 50 Hz |
| **Rated lamp life time** | 15000 h |
| **Nominal lamp life time** | 15000 h |

[1)] With preheat ECG

## Additional product data

| | |
|---|---|
| **Base (standard designation)** | G13 |
| **Mercury content** | 3.1 mg |
| **Show WEEE picto** | Yes |

## Capabilities

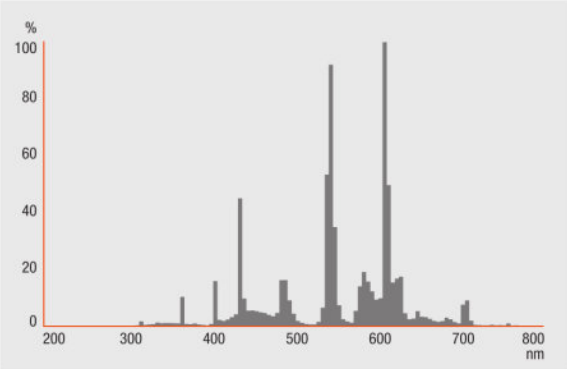
| | |
|---|---|
| **Dimmable** | Yes |
| **Suitable for indoor** | Yes |

## Certificates & standards

| | |
|---|---|
| **Energy efficiency class** | A |
| **Energy efficiency class** | A |
| **Energy consumption** | 81 kWh/1000h |


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## Light Distribution



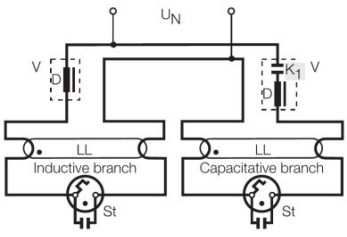

Spectral power distribution

## SYSTEM GUARANTEE

— OSRAM System+ Guarantee in combination with OSRAM ECGs

## SAFETY ADVICE

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




Circuit diagram

## LOGISTICAL DATA


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| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4008321003911 | L 70 W/835 | Shipping carton box 25 | 1252 mm x 461 mm x 153 mm | 88.31 $dm^3$ | 7304.33 g |

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.

## REFERENCES / LINKS

For more information on the system guarantee and the terms and conditions of the guarantee visit

- www.ledvance.com/system-guarantee

## DISCLAIMER

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


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# LUMILUX T8 | Tubular fluorescent lamps 26 mm, with G13 bases

| Product name | Product name ECG | EAN | Nominal current | Nominal wattage + Power loss | Luminous flux at 35 °C | Number of lighting outlets |
|---|---|---|---|---|---|---|
| L 70 W/835 | QT-FIT8 1x58-70 | 4008321294227 | 0.28 A | 62.00 W | 5900 lm | 1 |
| | QT-FIT8 2x58-70 | 4052899151932 | 0.55 A | 124.00 W | 5900 lm | 2 |
| | QTi 1x21/39 DIM | 4050300870564 | 0.29 A | 65.50 W | 6200 lm | 1 |
| | QTi 2x21/39 DIM | 4050300870694 | 0.56 A | 128.00 W | 6200 lm | 2 |
| | QTi DALI 1x21/39 DIM | 4050300870366 | 0.29 A | 70.00 W | 6200 lm | 1 |
| | QTi DALI 2x21/39 DIM | 4050300870489 | 0.56 A | 128.00 W | 6200 lm | 2 |


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