

# PRODUCT DATASHEET

## L 8 W/830

LUMILUX T5 Short | Tubular fluorescent lamps 16 mm, short, with G5 base



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### AREAS OF APPLICATION

- Shops
- Supermarkets and department stores
- Public buildings

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### PRODUCT BENEFITS

- Ideal for cost-effective creative illumination and decoration
- Very good luminous flux maintenance throughout the life of the lamp
- Slim and compact

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### PRODUCT FEATURES

- Good color rendering group: 1B ( $R_a$ : 80...89)
- Average lifetime: up to 10,000 h (with QUICKTRONIC ECG)



**TECHNICAL DATA**

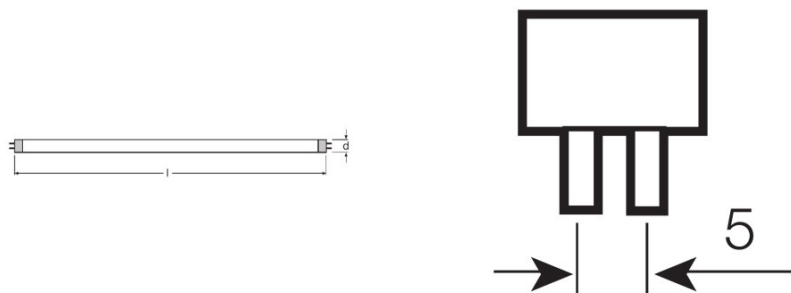
Electrical data

|                                     |   |
|-------------------------------------|---|
| Nominal wattage                     | 8.00 W  |
| Rated lamp efficacy (HF data 25 °C) | Under clarification by authority and standardization body |
| Rated wattage                       | 7.10 W  |

Photometrical data

|  |                    |
|--|--------------------|
| Rated lamp efficacy (standard condition) | 61 lm/W            |
| Color rendering index Ra                 | ≥80                |
| Rated luminous flux                      | 430 lm             |
| Luminous flux at 25 °C                   | 430 lm             |
| Light color                              | 830                |
| Rated color temperature                  | 3000 K             |
| Nominal luminous flux                    | 430 lm             |
| Light color (designation)                | LUMILUX Warm White |
| Rated LLMF at 2,000 h                    | 0.80               |
| Rated LLMF at 4,000 h                    | 0.74               |
| Rated LLMF at 6,000 h                    | 0.71               |
| Rated LLMF at 8,000 h                    | 0.69               |

Dimensions & weight



|   |           |
|---|-----------|
| Tube diameter                               | 16 mm     |
| Length                                      | 288.3 mm  |
| Length with base excl. base pins/connection | 288.00 mm |
| Diameter                                    | 16.0 mm   |
| Maximum diameter                            | 16.0 mm   |

Temperatures & operating conditions

|  |         |
|--|---------|
| Rated ambient temp.w.max.luminous flux | 35.0 °C |
|--|---------|

## Lifespan

|  |                       |
|--|-----------------------|
| <b>Lifespan</b>                              | 10000 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> | 0.95                  |
| <b>Rated lamp survival factor at 8,000 h</b> | 0.81                  |
| <b>Operation mode LLMF/LSF</b>               | HF                    |
| <b>Rated lamp life time</b>                  | 10000 h               |
| <b>Nominal lamp life time</b>                | 10000 h               |

<sup>1)</sup> With CCG/LLCG

## Additional product data

|                                    |        |
|------------------------------------|--------|
| <b>Base (standard designation)</b> | G5     |
| <b>Mercury content</b>             | 2.5 mg |
| <b>Show WEEE picto</b>             | Yes    |

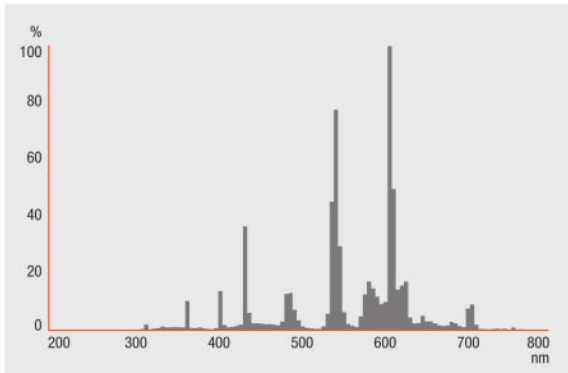
## Capabilities

|                            |     |
|----------------------------|-----|
| <b>Suitable for indoor</b> | Yes |
|----------------------------|-----|

## Certificates &amp; standards

|                                |             |
|--------------------------------|-------------|
| <b>Energy efficiency class</b> | A           |
| <b>Energy consumption</b>      | 8 kWh/1000h |

## Light Distribution



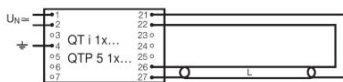
Spectral power distribution

## SYSTEM GUARANTEE

OSRAM System+ Guarantee in combination with OSRAM ECGs

## SAFETY ADVICE

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



Circuit diagram



Circuit diagram

## LOGISTICAL DATA

| Product code  | Product description | Packaging unit<br>(Pieces/Unit) | Dimensions (length x<br>width x height) | Volume               | Gross weight |
|---------------|---------------------|---------------------------------|---|----------------------|--------------|
| 4008321959881 | L 8 W/830           | Shipping carton box<br>25       | 316 mm x 120 mm x<br>109 mm             | 4.13 dm <sup>3</sup> | 926.00 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.

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#### DISCLAIMER

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