

## PRODUCT DATASHEET

### L 18 W/6500 K

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

#### Product features

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering index
- Dimmable



## TECHNICAL DATA

### Electrical data

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Nominal wattage                     | 18 W                                                      |
| Construction wattage                | 18.00 W                                                   |
| Nominal voltage                     | 57 V                                                      |
| Rated lamp efficacy (HF data 25 °C) | Under clarification by authority and standardization body |

### Photometrical data

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Luminous flux                       | 1300 lm                                                   |
| Luminous efficacy                   | 72 lm/W                                                   |
| Luminous flux at 25 °C              | 1300 lm                                                   |
| Color temperature                   | 6500 K                                                    |
| Color rendering index Ra            | ≥77                                                       |
| Light color                         | 765                                                       |
| Rated LLMF at 2,000 h               | 0.96                                                      |
| Rated LLMF at 4,000 h               | 0.94                                                      |
| Rated LLMF at 6,000 h               | 0.93                                                      |
| Rated LLMF at 8,000 h               | 0.91                                                      |
| Rated LLMF at 12,000 h              | 0.91                                                      |
| Rated LLMF at 16,000 h              | 0.90                                                      |
| Rated LLMF at 20,000 h              | 0.89                                                      |
| Rated lamp efficacy (HF data 25 °C) | Under clarification by authority and standardization body |
| Rated lamp efficacy (standard co.)  | 72 lm/W                                                   |

### Dimensions & Weight

|                                             |           |
|---------------------------------------------|-----------|
| Overall length                              | 590.00 mm |
| Length with base excl. base pins/connection | 590,00 mm |
| Diameter                                    | 26.00 mm  |
| Tube diameter                               | 26 mm     |
| Maximum diameter                            | 26 mm     |
| Product weight                              | 85.00 g   |

### Temperatures & operating conditions

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

### Lifespan

|                                        |                       |
|----------------------------------------|-----------------------|
| Service life                           | 18000 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   | 0.99                  |
| Rated lamp survival factor at 20,000 h | 0.50                  |
| Operation mode LLMF/LSF                | HF                    |

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

### Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | G13    |
| Mercury content             | 2.5 mg |

### Capabilities

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

### Certificates & Standards

|                         |                 |
|-------------------------|-----------------|
| Energy efficiency class | A               |
| Energy consumption      | 22.03 kWh/1000h |

### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | L 18W/865LUMILU |
|-----------------|-----------------|

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

|                                                     |           |
|-----------------------------------------------------|-----------|
| Light source cap-type (or other electric interface) | G13       |
| Length                                              | 590.00 mm |
| Height                                              | 26.00 mm  |
| Width                                               | 26.00 mm  |

### Safety advice

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

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4008321544131 | Sleeve<br>1                  | 605 mm x 27 mm x 27 mm               | 96.00 g      | 0.44 dm <sup>3</sup>  |
| 4008321544148 | Shipping box<br>25           | 646 mm x 151 mm x 153 mm             | 2447.00 g    | 14.92 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.