

## PRODUCT DATASHEET

### L 36 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

#### Product features

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



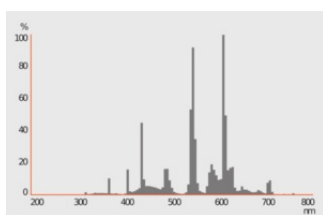
## TECHNICAL DATA

### Electrical data

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Nominal wattage                     | 36 W                                                      |
| Construction wattage                | 36.00 W                                                   |
| Nominal voltage                     | 103 V                                                     |
| Rated lamp efficacy (HF data 25 °C) | Under clarification by authority and standardization body |

### Photometrical data

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Luminous flux                       | 3350 lm                                                   |
| Luminous efficacy                   | 93 lm/W                                                   |
| Luminous flux at 25 °C              | 3350 lm                                                   |
| Light color (designation)           | LUMILUX White                                             |
| Color temperature                   | 3500 K                                                    |
| Color rendering index Ra            | ≥80                                                       |
| Light color                         | 835                                                       |
| 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.)  | 93 lm/W                                                   |



### Dimensions & Weight

|                |            |
|----------------|------------|
| Overall length | 1200.00 mm |
|----------------|------------|

|                                             |          |
|---------------------------------------------|----------|
| Length with base excl. base pins/connection | 1200 mm  |
| Diameter                                    | 26.00 mm |
| Tube diameter                               | 26 mm    |
| Maximum diameter                            | 26 mm    |
| Product weight                              | 149.00 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   | 0.90                  |
| 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      | 42.32 kWh/1000h |

### Country-specific categorizations

|                 |                         |
|-----------------|-------------------------|
| ILCOS           | FD-36/835-E-G13-26/1200 |
| Order reference | L 36W/835               |

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

|                                                     |            |
|-----------------------------------------------------|------------|
| Light source cap-type (or other electric interface) | G13        |
| Length                                              | 1200.00 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)

### DOWNLOAD DATA

| Photometric and lighting design files                                             |                             |
|-----------------------------------------------------------------------------------|-----------------------------|
|  | Spectral power distribution |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4050300447988 | Sleeve<br>1                  | 1,215 mm x 27 mm x 27 mm             | 202.00 g     | 0.89 dm <sup>3</sup>  |
| 4050300447995 | Shipping box<br>25           | 1,242 mm x 268 mm x 145 mm           | 5450.00 g    | 48.26 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.

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