

The server returned a "500 Internal Server Error".

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# PRODUCT DATASHEET

## L 58 W/827

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



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### Areas of application

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

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### Product benefits

- Proven lamp technology

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### Product features

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

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TECHNICAL DATA

Electrical data

|                      |         |
|----------------------|---------|
| Nominal wattage      | 58 W    |
| Construction wattage | 61.80 W |
| Nominal voltage      | 110 V   |
| Nominal current      | 0.67 A  |

Photometrical data

|                           |                 |
|---------------------------|-----------------|
| Luminous flux             | 5200 lm         |
| Luminous efficacy         | 84 lm/W         |
| Light color (designation) | LUMILUX INTERNA |
| Color temperature         | 2700 K          |
| Color rendering index Ra  | ≥80             |
| Light color               | 827             |
| 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    | 0.96            |



Dimensions & Weight

|                                             |            |
|---------------------------------------------|------------|
| Overall length                              | 1514.20 mm |
| Length with base excl. base pins/connection | 1500 mm    |
| Diameter                                    | 25.50 mm   |
| Tube diameter                               | 26 mm      |

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Lifespan

|                                        |                       |
|----------------------------------------|-----------------------|
| Lifespan                               | 20000 h               |
| Service life                           | 18000 h <sup>1)</sup> |
| 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   | 0.99                  |
| 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             | 3.0 mg |

Capabilities

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Certificates & Standards

|                         |                 |
|-------------------------|-----------------|
| Energy efficiency class | G               |
| Energy consumption      | 62.00 kWh/1000h |

Country-specific categorizations

|                 |                         |
|-----------------|-------------------------|
| ILCOS           | FD-58/827-E-G13-26/1500 |
| Order reference | L 58W/827               |

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       |

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|                                    |                 |
|------------------------------------|-----------------|
| High luminance light source        | No              |
| Anti-glare shield                  | No              |
| Correlated colour temperature type | SINGLE_VALUE    |
| Claim of equivalent power          | No              |
| Length                             | 1514.20 mm      |
| Height                             | 25.50 mm        |
| Width                              | 25.50 mm        |
| Chromaticity coordinate x          | 0,463           |
| Chromaticity coordinate y          | 0,420           |
| Beam angle correspondence          | SPHERE_360      |
| EPREL ID                           | 546344,546351   |
| Model number                       | AC34138,AC34131 |

Safety advice

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

DOWNLOAD DATA

| Documents and certificates                                                          |                               |
|-------------------------------------------------------------------------------------|-------------------------------|
|  | Declarations Of Conformity CE |
|  | Certificates                  |
| 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    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4050300325712 | Sleeve<br>1                  | 28 mm x 36 mm x 1,565 mm             | 288.00 g     | 1.58 dm³  |
| 4050300325729 | Shipping box<br>10           | 1,585 mm x 175 mm x 67 mm            | 3658.00 g    | 18.58 dm³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products.

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### DISCLAIMER

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

choose one

Country

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