

## PRODUCT DATASHEET

### L 18 W/76

OSRAM NATURA® T8 | Tubular fluorescent lamps 26 mm, with G13 bases, for food presentation



#### Areas of application

- Presentation of food in the display counter
- Especially suitable for the food sector (DIN 10504)

#### Product benefits

- Specially tailored spectral distribution for food presentation only



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## TECHNICAL DATA

### Electrical data

|                 |        |
|-----------------|--------|
| Nominal wattage | 18 W   |
| Nominal voltage | 57 V   |
| Nominal current | 0.37 A |

### Photometrical data

|                        |         |
|------------------------|---------|
| Luminous flux          | 750 lm  |
| Luminous efficacy      | 41 lm/W |
| Light color            | 76      |
| Rated LLMF at 2,000 h  | 0.88    |
| Rated LLMF at 4,000 h  | 0.83    |
| Rated LLMF at 6,000 h  | 0.80    |
| Rated LLMF at 8,000 h  | 0.77    |
| Rated LLMF at 12,000 h | 0.74    |
| Rated LLMF at 16,000 h | 0.72    |
| Rated LLMF at 20,000 h | 0.70    |

### Dimensions & Weight

|   |           |
|---|-----------|
| Overall length                              | 604.00 mm |
| Length                                      | 604.00 mm |
| Length with base excl. base pins/connection | 590,00 mm |
| Diameter                                    | 26.00 mm  |
| Tube diameter                               | 26 mm     |
| Product weight                              | 86.00 g   |

### 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                  |
| Lifespan B50                           | 20000 h               |

1) With preheat ECG

### Additional product data

|                             |                                    |
|-----------------------------|------------------------------------|
| Base (standard designation) | G13                                |
| Mercury content             | 5.3 mg                             |
| Design / version            | OSRAM NATURA® T8 tubular, G13 base |
| Product remark              | Not for general lighting           |

### Certificates & Standards

|                    |                 |
|--------------------|-----------------|
| Energy consumption | 19.00 kWh/1000h |
|--------------------|-----------------|





### Country-specific categorizations

|                 |          |
|-----------------|----------|
| Order reference | L 18W/76 |
|-----------------|----------|

### Safety advice

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

### DOWNLOAD DATA

| Documents and certificates   |                             | Document name  |
|--|-----------------------------|--|
|  | Declarations of conformity  | EC Declaration of Conformity - 2021 9C1-4082708-EN-00 - T8 SPECIAL     |
|  | Certificates                | EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Sertifikaciya FL |
|  | Certificates                | EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL |
| Photometric and lighting design files  |                             | Document name  |
|  | Spectral power distribution | 349633_FL_76_Natura  |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300010519 | Sleeve<br>1                  | 605 mm x 27 mm x 27 mm               | 97.50 g      | 0.44 dm <sup>3</sup> |
| 4008321205094 | Shipping box<br>10           | 646 mm x 151 mm x 74 mm              | 1140.00 g    | 7.22 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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## DISCLAIMER

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