

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 ¹⁾
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

¹⁾ 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

LOGISTICAL DATA

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

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.