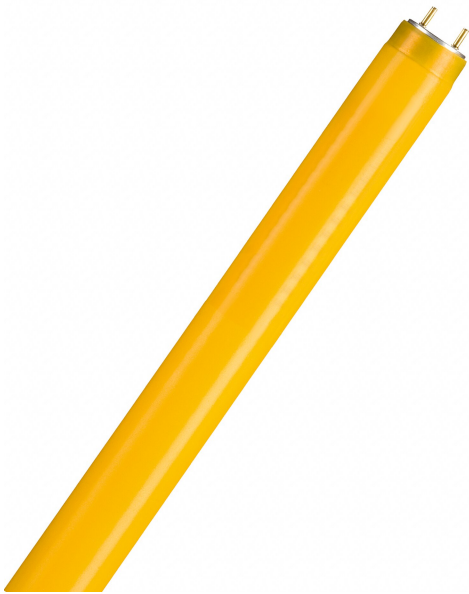


## PRODUCT DATASHEET

### L 38 W/

LUMILUX® CHIP control® T8 | Tubular fluorescent lamps 26 mm, with G13 bases, for UV-sensitive applications



#### Areas of application

- Microchip fabrication plants
- Where UV and blue components have to be reduced to the absolute minimum
- Industry

#### Product benefits

- Excellent UV filter

#### Product features

- Excellent filter at 500 nm
- Long sleeve life (corresponds to the average life of the lamp)
- Average lifetime: 20,000 h with preheat ECG



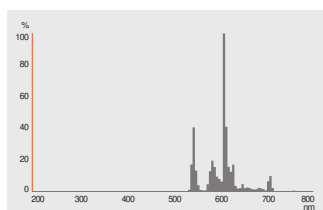
**TECHNICAL DATA**

**Electrical data**

Nominal wattage	38 W
Construction wattage	38.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

**Photometrical data**

Luminous flux	2020 lm
Luminous efficacy	52 lm/W
Luminous flux at 25 °C	2270 lm
Light color (designation)	Yellow
Light color	62
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.93
Rated LLMF at 6,000 h	0.91
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.89
Rated LLMF at 16,000 h	0.88
Rated LLMF at 20,000 h	0.86
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated lamp efficacy (standard co.)	60 lm/W



**Dimensions & Weight**

Overall length	1047.00 mm
Length with base excl. base pins/connection	1047 mm
Diameter	26.00 mm
Tube diameter	26 mm

Maximum diameter	26 mm
Product weight	209.00 g

### Temperatures & operating conditions

Rated ambient temp.w.max.luminous	25.0 °C
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### Lifespan

Lifespan	20000 h
Service life	16000 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	0.90
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	2.3 mg

### Capabilities

Suitable for indoor	Yes
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### Certificates & Standards

Energy consumption	45.37 kWh/1000h
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### Country-specific categorizations

ILCOS	FD-38/Y-G13-26/1047
Order reference	L 38W/62

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

Light source cap-type (or other electric interface)	G13
Length	1047.00 mm
Height	26.00 mm

Width	26.00 mm
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## EQUIPMENT / ACCESSORIES

- Suitable for use in open and enclosed luminaires

## Safety advice

- Lamps with plastic sleeves, ambient temperature range: -10...+80 °C
- Lamps with plastic sleeves, maximum shelf life: 5 years at 0...30 °C
- Lamps with plastic sleeves must be replaced after average lifetime (B50) has been reached
- In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)
- Under standard conditions acc. IEC (free burning, 25 - 40°C ambient temperature) a typical increase of the emitted radiation power in the wavelength range < 500 nm up to 3 mW/klm per 10,000 hours of operation was determined. This corresponds to approx. 0.1% of the total emitted radiation power. This increase depends on the operation conditions. For example for a T5 HO lamp at 80°C ambient temperature an increase of the emitted radiation power in the wavelength range < 500 nm of up to 50 mW/klm per 10,000 hours of operation can be observed. This corresponds to approx. 2% of the total emitted radiation power. For applications in photo sensitive areas, routine maintenance is necessary. This must include verification of the amount of short wavelength light emitted, and, if required, lamp replacement.

## DOWNLOAD DATA

### DOWNLOAD DATA



Advertisements

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321232984	Unpacked 1		212.00 g	
4008321232991	Shipping box 12	1,113 mm x 202 mm x 71 mm	2884.00 g	15.96 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.

## References / Links

- For more information on the system guarantee and the terms and conditions of the guarantee visit [www.ledvance.com/system-guarantee](http://www.ledvance.com/system-guarantee)

## DISCLAIMER

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

