

PRODUCT DATASHEET

L 36 W/62

Colored T8 | Tubular fluorescent lamps 26 mm, with G13 bases, colored



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



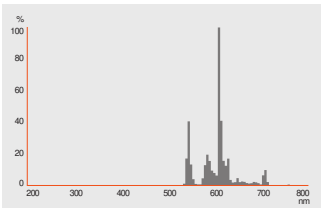
TECHNICAL DATA

Electrical data

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

Photometrical data

Luminous flux	2050 lm
Luminous efficacy	54 lm/W
Luminous flux at 25 °C	2300 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.)	64 lm/W



349640_FL_62_ChipControl

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	239.00 g

Temperatures & operating conditions

Rated ambient temp.w.max.luminous	25.0 °C
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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	0.90
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	2.3 mg

Capabilities

Suitable for indoor	Yes
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Certificates & Standards

Energy efficiency class	B
Energy consumption	42.95 kWh/1000h

Country-specific categorizations

Order reference	L 36W/62
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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
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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
- 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

Photometric and lighting design files	Document name
 Spectral power distribution	349640_FL_62_ChipControl

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321232724	Unpacked 1	1,215 mm x 25 mm x 28 mm	239.00 g	0.85 dm ³
4008321232731	Shipping box 12	1,266 mm x 202 mm x 71 mm	3147.00 g	18.16 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.

References / Links

- For more information on the system guarantee and the terms and conditions of the guarantee visit www.ledvance.com/system-guarantee

DISCLAIMER

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