

# PRODUCT DATASHEET

## L 58 W/6500

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
- Good economy thanks to high efficiency
- Available in many different light colors (2,700...8,000 K) for various applications

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### PRODUCT FEATURES

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering group: 1B ( $R_a$ : 80...89)
- Dimmable
- Top-quality three-band phosphor: LUMILUX



**TECHNICAL DATA**

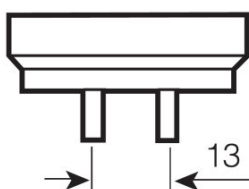
Electrical data

Nominal voltage	220 V
Nominal wattage	58.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	58.00 W

Photometrical data

Rated lamp efficacy (standard condition)	86 lm/W
Color rendering index Ra	≥77
Rated luminous flux	5000 lm
Luminous flux at 25 °C	5000 lm
Light color	6500
Rated color temperature	6500 K
Nominal luminous flux	5000 lm
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.92
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	0.90
Rated LLMF at 20,000 h	0.89
Color temperature	6500 K
Luminous flux	5000 lm
Color rendering index Ra	≥77

Dimensions & weight



G13  
IEC 7004-51  
DIN 49653 T1

Tube diameter	26 mm
Length	1500 mm

<b>Length with base excl. base pins/connection</b>	1500.00 mm
<b>Diameter</b>	26.0 mm
<b>Maximum diameter</b>	26.0 mm

#### Temperatures & operating conditions

<b>Rated ambient temp.w.max.luminous flux</b>	25.0 °C
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#### Lifespan

<b>Service life</b>	18000 h <sup>1)</sup>
<b>Lifespan</b>	20000 h <sup>1)</sup>
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.99
<b>Rated lamp survival factor at 8,000 h</b>	0.99
<b>Rated lamp survival factor at 12,000 h</b>	0.90
<b>Rated lamp survival factor at 16,000 h</b>	0.99
<b>Rated lamp survival factor at 20,000 h</b>	0.50
<b>Operation mode LLMF/LSF</b>	50 Hz
<b>Rated lamp life time</b>	20000 h
<b>Nominal lamp life time</b>	20000 h

<sup>1)</sup> With preheat ECG

#### Additional product data

<b>Base (standard designation)</b>	G13
<b>Mercury content</b>	4.5 mg
<b>Show WEEE picto</b>	Yes

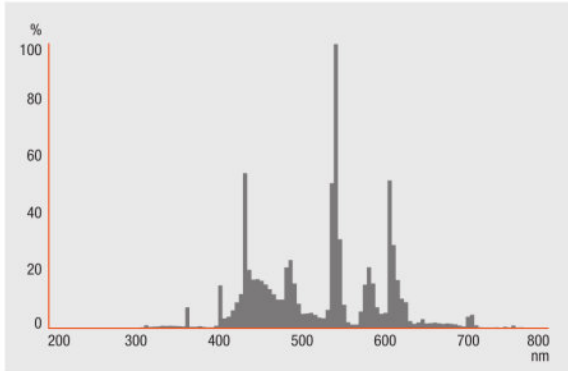
#### Capabilities

<b>Dimmable</b>	Yes
<b>Suitable for indoor</b>	Yes

#### Certificates & standards

<b>Energy efficiency class</b>	A
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<b>Energy consumption</b>	68 kWh/1000h

## Light Distribution



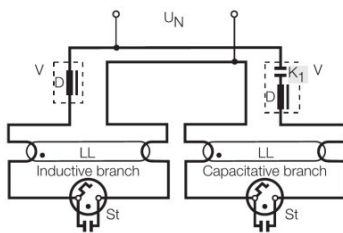
Spectral power distribution

## SYSTEM GUARANTEE

- OSRAM System+ Guarantee in combination with OSRAM ECGs

## SAFETY ADVICE

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



Circuit diagram

## LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321013842	L 58 W/6500	Shipping carton box 25	1553 mm x 151 mm x 153 mm	35.88 dm <sup>3</sup>	6277.00 g
4008321544377	L 58 W/6500	Shipping carton box 25	1553 mm x 151 mm x 153 mm	35.88 dm <sup>3</sup>	6402.00 g
4008321691101	L 58 W/6500	Shipping carton box 25	1553 mm x 151 mm x 153 mm	35.88 dm <sup>3</sup>	6602.00 g

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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#### 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)

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#### DISCLAIMER

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