

# PRODUCT DATASHEET

## HO 54 W/965

LUMILUX DE LUXE T5 HO | Tubular fluorescent lamps 16 mm, high output, with G5 base



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### AREAS OF APPLICATION

- Industry
- Shops
- Supermarkets and department stores
- Ideal where color rendering is an important factor

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### PRODUCT BENEFITS

- Excellent color rendering
- Natural colors
- Perfect color matching

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### PRODUCT FEATURES

- Very good color rendering group: 1A ( $R_a \geq 90$ )
- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Long average lifetime: up to 24,000 h (with QUICKTRONIC ECG)
- Dimmable



**TECHNICAL DATA**

Electrical data

Nominal voltage	120 V
Rated lamp efficacy (HF data 25 °C)	57 lm/W
Rated wattage	54.10 W
Nominal wattage	54.00 W

Photometrical data

Color rendering index Ra	≥90
Rated luminous flux	3800 lm
Luminous flux at 25 °C	3800 lm
Luminous flux at 35 °C	4250 lm
Light color	965
Rated color temperature	6500 K
Nominal luminous flux	3800 lm
Light color (designation)	LUMILUX DE LUXE Cool Daylight
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.93
Rated LLMF at 6,000 h	0.92
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.90
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89
Color temperature	6500 K
Luminous flux	3800 lm
Color rendering index Ra	≥90

Dimensions & weight



Tube diameter	16 mm
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<b>Length</b>	1149 mm
<b>Length with base excl. base pins/connection</b>	1149.00 mm
<b>Diameter</b>	16.0 mm

### Temperatures & operating conditions

<b>Rated ambient temp.w.max.luminous flux</b>	35.0 °C
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### Lifespan

<b>Service life</b>	19000 h <sup>1)</sup>
<b>Lifespan</b>	24000 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>	0.99
<b>Rated lamp survival factor at 16,000 h</b>	0.97
<b>Rated lamp survival factor at 20,000 h</b>	0.85
<b>Operation mode LLMF/LSF</b>	HF
<b>Rated lamp life time</b>	24000 h
<b>Nominal lamp life time</b>	24000 h

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

### Additional product data

<b>Base (standard designation)</b>	G5
<b>Mercury content</b>	1.7 mg
<b>Show WEEE picto</b>	Yes
<b>Product remark</b>	Suitable for ECG operation only/Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C

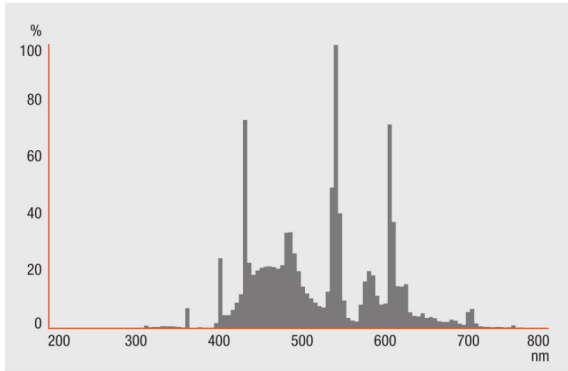
### Capabilities

<b>Suitable for indoor</b>	Yes
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### Certificates & standards

<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	60 kWh/1000h

Light Distribution



Spectral power distribution

Wiring Diagram



Wiring diagram



Wiring diagram

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**SYSTEM GUARANTEE**

OSRAM System+ Guarantee in combination with OSRAM ECGs

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**SAFETY ADVICE**

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

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321233943	Sleeves 1	1170 mm x 20 mm x 20 mm	111.00 g	0.47 dm <sup>3</sup>
4008321233950	Shipping carton box 10	1182 mm x 59 mm x 104 mm	1370.50 g	7.25 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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**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**

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