

# PRODUCT DATASHEET

## HO 24 W/940

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**

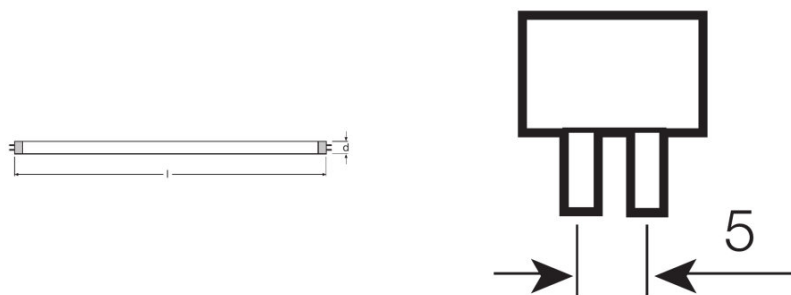
Electrical data

Rated lamp efficacy (HF data 25 °C)	62 lm/W
Rated wattage	22.50 W
Nominal wattage	24.00 W

Photometrical data

Color rendering index Ra	≥90
Rated luminous flux	1400 lm
Luminous flux at 25 °C	1400 lm
Luminous flux at 35 °C	1570 lm
Light color	940
Rated color temperature	4000 K
Nominal luminous flux	1400 lm
Light color (designation)	LUMILUX DE LUXE Cool White
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	4000 K
Luminous flux	1400 lm
Color rendering index Ra	≥90

Dimensions & weight



Tube diameter	16 mm
Length	549.0 mm

<b>Length with base excl. base pins/connection</b>	549.00 mm
<b>Diameter</b>	16.0 mm
<b>Maximum 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>	1.5 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

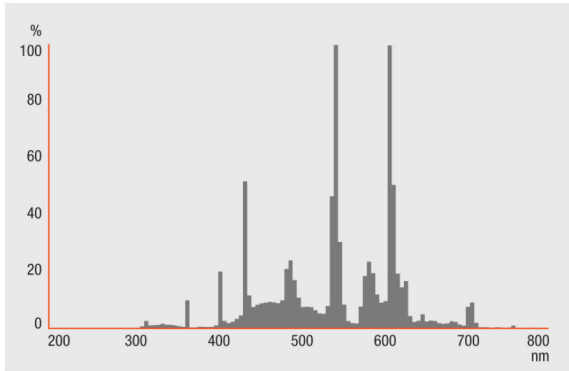
### Capabilities

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

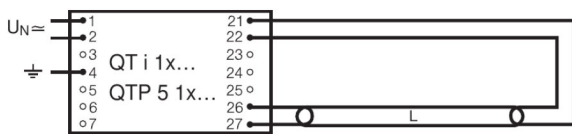
<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	25 kWh/1000h

### 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
4008321233028	Sleeves 1	570 mm x 19 mm x 23 mm	63.50 g	0.25 dm <sup>3</sup>
4008321233035	Shipping carton box 10	589 mm x 48 mm x 104 mm	706.00 g	2.94 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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