

## HO 54 W/940

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



### Areas of application

- Industry
- Shops
- Supermarkets and department stores

### Product benefits

- Excellent color rendering
- Natural colors
- Perfect color matching

### 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

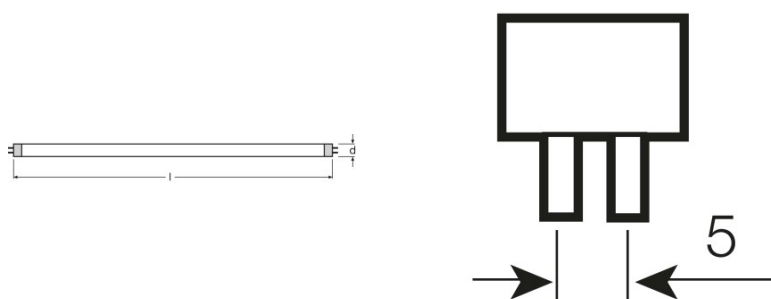
Electrical data

Nominal voltage	230 V
Nominal wattage	54.10 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	70 lm/W
Rated wattage	54.10 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	940
Color temperature	4000 K
Nominal luminous flux	3800 lm
Light color as per EN 12464-1	LUMILUX DE LUXE Cool White
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	0.90
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89

Dimensions & weight



Tube diameter	16 mm
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## Product datasheet

Length	1149.0 mm
Length with base excl. base pins/connection	1149.00 mm
Diameter	16.0 mm
Maximum diameter	16.0 mm

### Temperatures

Rated ambient temp.w.max.luminous flux	35.0 °C
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### Lifespan

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

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

### Additional product data

Base (standard designation)	G5
Lamp mercury content	1.5 mg
Appropriate disposal acc. to WEEE	Yes
Product remark	Suitable for ECG operation only/Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C

### Capabilities

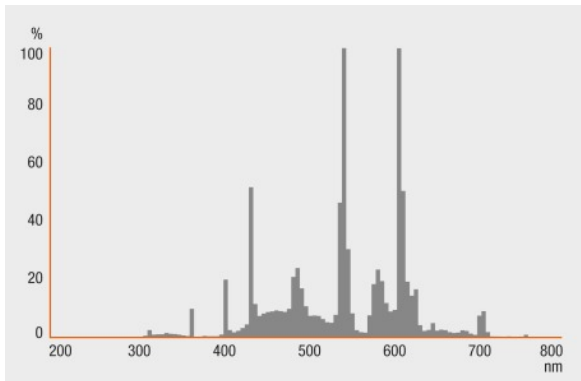
Suitable for indoor	Yes
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### Certificates & standards

Energy efficiency class	A
Energy consumption	60 kWh/1000h

## Light Distribution

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Spectral power distribution

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### System guarantee

OSRAM System+ Guarantee in combination with OSRAM ECGs



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Guarantee

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### Safety advice

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

# Product datasheet



Circuit diagram

Circuit diagram

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321233929	HO 54 W/940	Shipping carton box 10	1182 mm x 104 mm x 42 mm	5.16 dm <sup>3</sup>	1440.00 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.

## References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit

- ▶ [www.osram.com/system-guarantee](http://www.osram.com/system-guarantee)

For more information on QUICKTRONIC electronic control gear go to

- ▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

## Disclaimer

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