

## HO 49 W/830

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



- Industry
- Public buildings
- Offices
- Tunnels, underpasses
- Car parks

### Product benefits

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- Excellent luminous flux
- Up to 20 % more economical than LUMILUX T8
- Up to 50 % smaller volume than comparable T8 lamps
- Natural colors

### Product features

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- Very good lumen maintenance: >90 % throughout the life of the lamp
- Long average life time: up to 24,000 h (with QUICKTRONIC ECG)
- Good color rendering group: 1B ( $R_a$ : 80...89)
- Dimmable



## Technical data

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### Electrical data

Nominal wattage	49 W
Rated lamp efficacy (HF data)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	88 lm/W
Rated wattage	49.2 W

### Light technical data

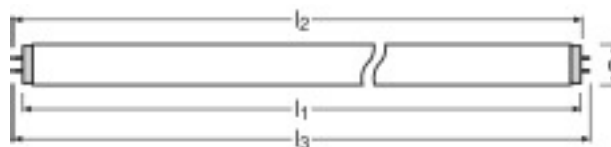
Color rendering index Ra	>=80
Rated luminous flux	4310 lm
Luminous flux at 25 °C	4310 lm
Luminous flux at 35 °C	4900 lm
Light color	830
Color temperature	3000 K
Nominal luminous flux	4310 lm
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.92
Rated LLMF at 6,000 h	0.91
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.90
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89

### Dimensions & weight

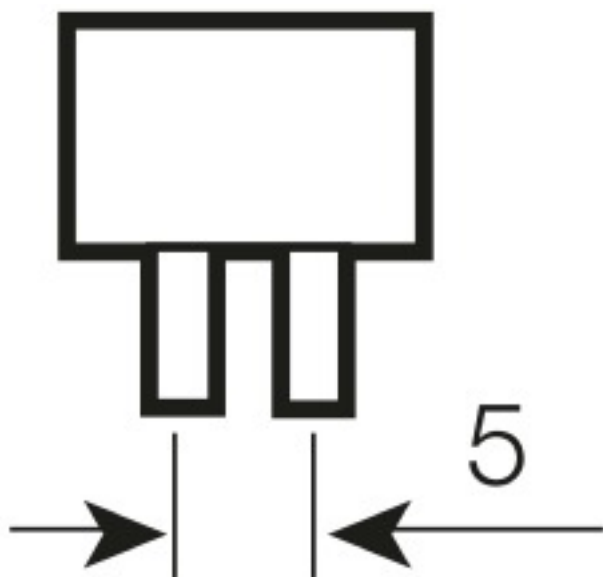
Tube diameter	16 mm
Length	1449.0 mm
Length with base excl. base pins/connection	1449.00 mm
Diameter	16.0 mm



Product line drawing with letters



Product line drawing - technical



Base

### Colors & materials

Lamp mercury content	1.5 mg
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### Temperatures

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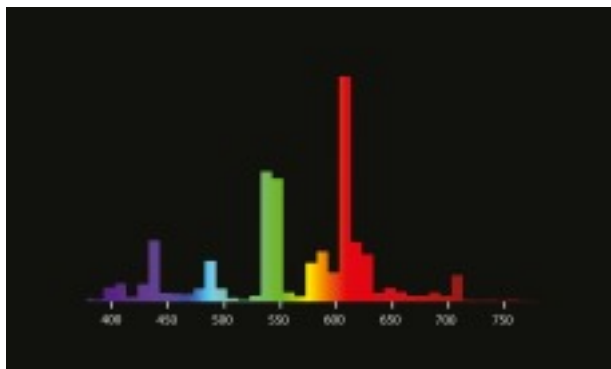
### Lifespan

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

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

### Additional product data

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



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*Spectral power distribution*

### Capabilities

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Suitable for indoor	Yes
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### Certificates & standards

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EEI – Energy Label	A
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## System guarantee

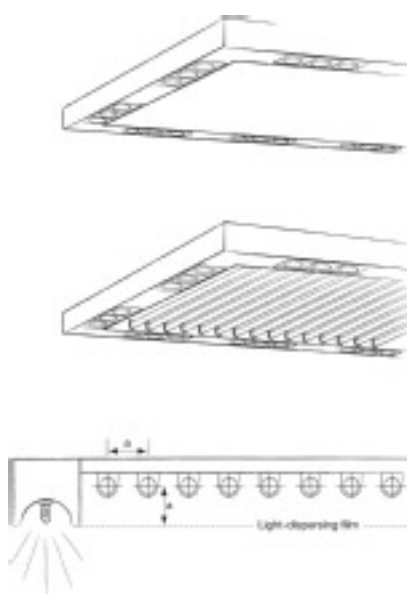
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OSRAM System+ Guarantee in combination with OSRAM ECGs

## Safety advice

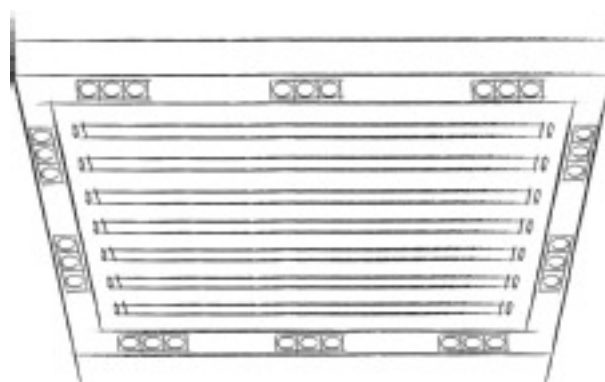
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In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.com/brokenlamp)



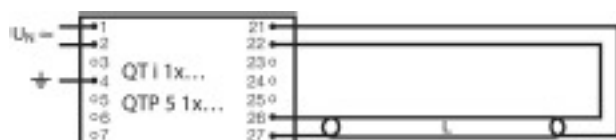
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*Others graphics*



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*Others graphics*



Circuit diagram



Circuit diagram

**Logistical Data**

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300657158	Unpacked 1	17 mm x 15 mm x 1462 mm	131.50 g	0.37 dm <sup>3</sup>
4050300657165	Shipping carton box 40	194 mm x 97 mm x 1500 mm	6090.00 g	28.23 dm <sup>3</sup>
4050300796758	Sleeves 1	23 mm x 20 mm x 1470 mm	162.00 g	0.68 dm <sup>3</sup>
4008321110671	Shipping carton box 20	104 mm x 94 mm x 1482 mm	3510.00 g	14.49 dm <sup>3</sup>



## References / Links

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For more information on QUICKTRONIC electronic control gear go to

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

## Disclaimer

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