

## HE 14 W/865

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LUMILUX T5 HE | Tubular fluorescent lamps 16 mm, high efficiency



- Public buildings
- Offices
- Shops
- Supermarkets and department stores
- Industry

### Product benefits

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- Good economy and efficiency
- 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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- Luminous efficacy: up to 104 lm/W
- 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

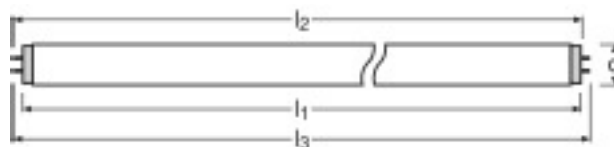
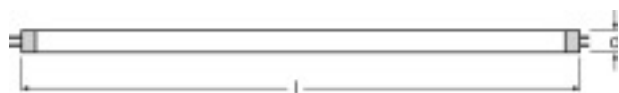
Nominal voltage	220 V
Nominal wattage	14 W
Rated lamp efficacy (HF data)	Under clarification by authority and standardization body
Rated wattage	14 W

### Light technical data

Color rendering index Ra	>=80
Rated luminous flux	1100 lm
Luminous flux at 25 °C	1100 lm
Luminous flux at 35 °C	1300 lm
Light color	865
Color temperature	6500 K
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

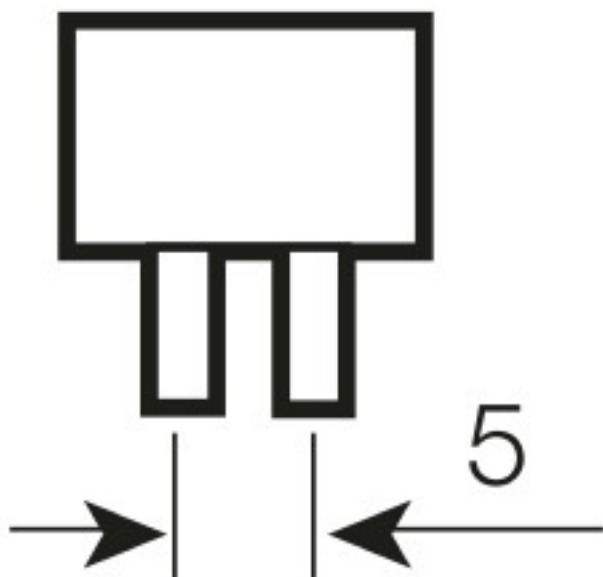
### Dimensions & weight

Tube diameter	16 mm
Length	549.0 mm
Length with base excl. base pins/connection	549.00 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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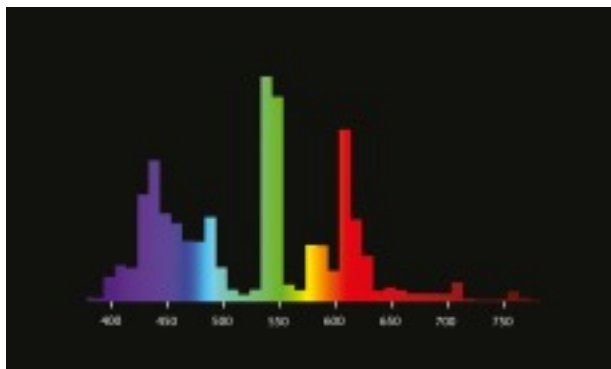
### Lifespan

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

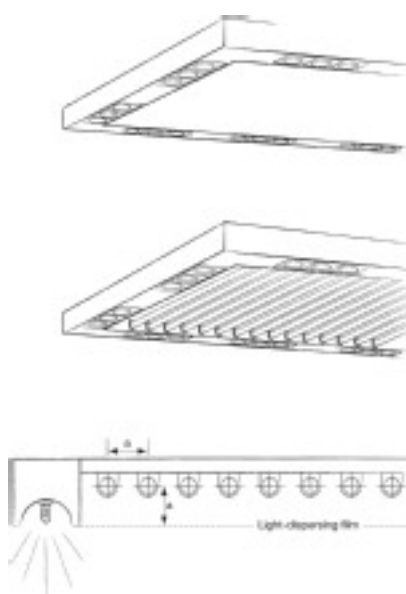
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OSRAM System+ Guarantee in combination with OSRAM ECGs

## Safety advice

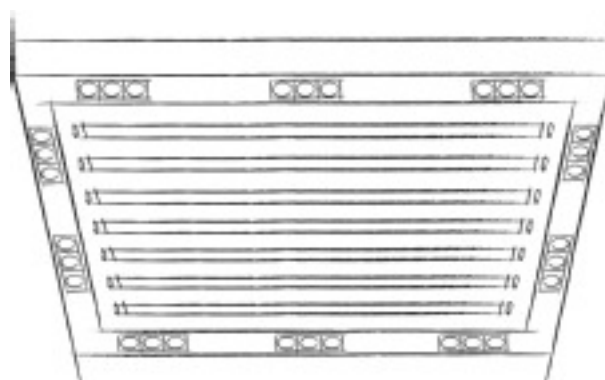
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In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.com/brokenlamp)



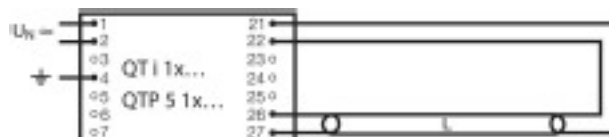
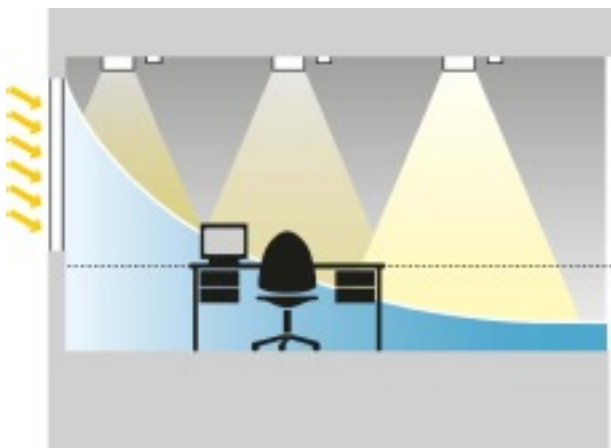
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*Others graphics*



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*Others graphics*



Others graphics

Circuit diagram



Circuit diagram

**Logistical Data**

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321672193	Sleeves 1	- x - x -		
4008321672209	Shipping carton box 20	- x - x -		
4050300464848	Unpacked 1	74 mm x 30 mm x 610 mm	52.75 g	1.35 dm <sup>3</sup>
4050300464855	Shipping carton box 40	232 mm x 95 mm x 600 mm	2449.00 g	13.22 dm <sup>3</sup>
4050300591544	Sleeves 1	23 mm x 20 mm x 570 mm	60.50 g	0.26 dm <sup>3</sup>
4050300591551	Shipping carton box 20	110 mm x 90 mm x 587 mm	1349.00 g	5.81 dm <sup>3</sup>



## References / Links

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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)

## Disclaimer

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