

## LUMILUX T5 HE

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35 W/840



- 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

### Electrical data

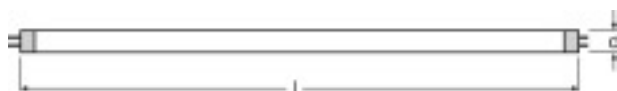
Nominal voltage	220 V
Nominal wattage	35 W
Rated lamp efficacy (HF data)	Under clarification by authority and standardization body
Rated wattage	35 W

### Light technical data

Rated color rendering index Ra	>=80
Rated luminous flux	3320 lm
Luminous flux at 25 °C	3320 lm
Light color	840
Rated color temperature	4000 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

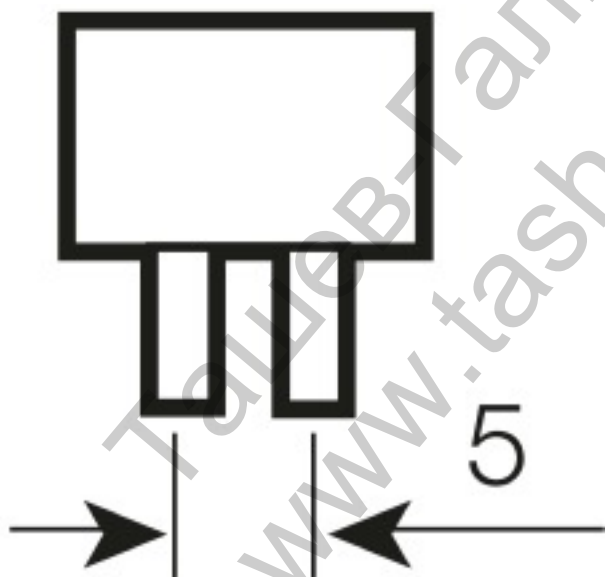
### Dimensions & weight

Tube diameter	16 mm
Length	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**

Rated 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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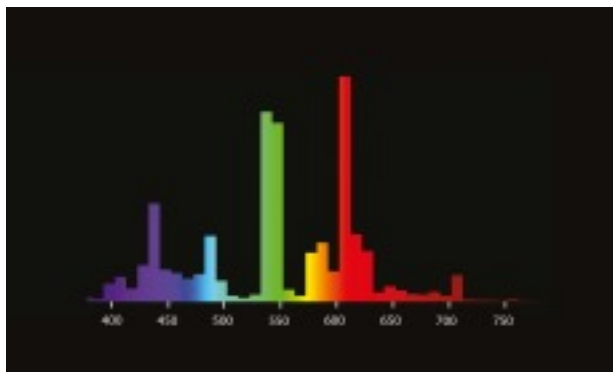
**Lifespan**

Service life	18000 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	0.90
Rated lamp survival factor at 20,000 h	0.50
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



*Spectral power distribution*

#### Capabilities

Suitable for indoor

Yes

#### Certificates & standards

EEI – Energy Label

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## Lamp-ECG combination (System)

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### QTP5 1x14-35

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#### Products

QTP5 1x14-35

### QTP5 2x14-35

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#### Products

QTP5 2x14-35

### QTi 1x14/24/21/39 GII

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#### Products

QTi 1x14/24/21/39 GII

### QTi 1x28/54/35/49 GII

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#### Products

QTi 1x28/54/35/49 GII

### QTi 1x35/49/80 DIM

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#### Products

QTi 1x35/49/80 DIM

### QTi 1x35/49/80 GII

---

#### Products

QTi 1x35/49/80 GII

### QTi 2x14/24/21/39 GII

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**Products**

QTi 2x14/24/21/39 GII

**QTi 2x28/54/35/49 GII**

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**Products**

QTi 2x28/54/35/49 GII

**QTi 2x35/49 DIM**

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**Products**

QTi 2x35/49 DIM

**QTi 2x35/49/80 DIM**

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**Products**

QTi 2x35/49/80 DIM

**QTi 2x35/49/80 GII**

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**Products**

QTi 2x35/49/80 GII

**QTi 2x35/49/80/220-240**

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**Products**

QTi 2x35/49/80/220-240

**QTi DALI 1x35/49/80 DIM**

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**Products**

QTi DALI 1x35/49/80 DIM

**QTi DALI 2x35/49 DIM**

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## Products

QTi DALI 2x35/49 DIM

## QTi DALI 2x35/49/80 DIM

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### Products

QTi DALI 2x35/49/80 DIM

## QTi-DP 1x28/35/LED

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### Products

QTi-DP 1x28/35/LED

## System guarantee

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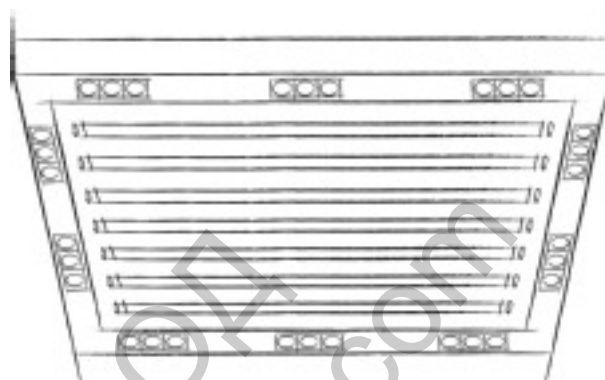
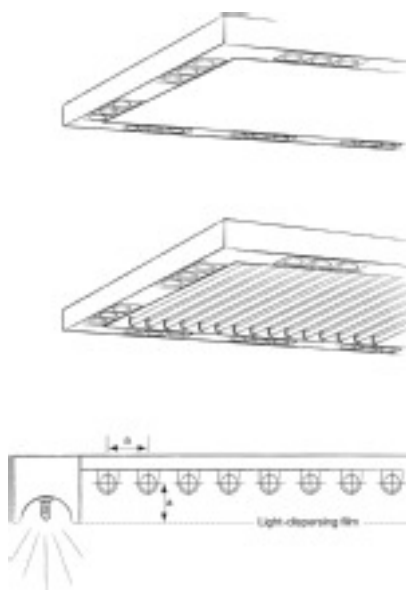
OSRAM System+ Guarantee in combination with OSRAM ECGs

## Safety advice

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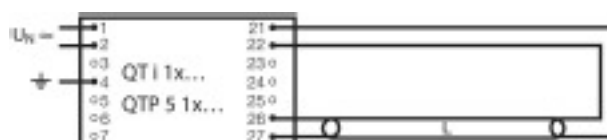
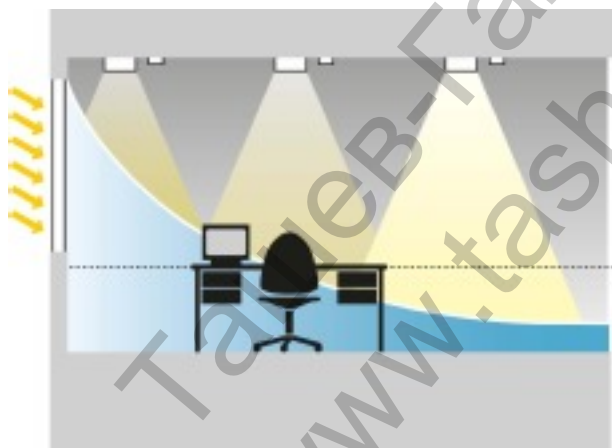
In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.com/brokenlamp)





*Others graphics*

*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
4050300464749	Unpacked 1	15 mm x 12 mm x 1461 mm	136.00 g	0.26 dm <sup>3</sup>
4050300464756	Shipping carton box 40	194 mm x 94 mm x 1500 mm	6258.00 g	27.35 dm <sup>3</sup>
4050300591445	Sleeves 1	22 mm x 17 mm x 1470 mm	159.00 g	0.55 dm <sup>3</sup>
4050300591452	Shipping carton box 20	104 mm x 83 mm x 1482 mm	3450.00 g	12.79 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.

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