

# PRODUCT DATASHEET

## HE SL 21 W/840

SMARTLUX® T5 HE® | Tubular fluorescent lamps 16 mm, high efficiency



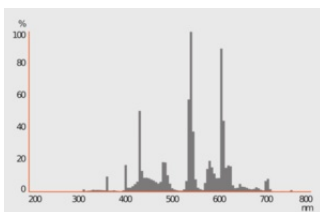
**TECHNICAL DATA**

**Electrical data**

Nominal wattage	21 W
Construction wattage	20.60 W
Nominal voltage	220 V
Rated lamp efficacy (HF data 25 °C)	92

**Photometrical data**

Luminous flux	1900 lm
Luminous efficacy	90 lm/W
Luminous flux at 25 °C	1900 lm
Luminous flux at 35 °C	2100 lm
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
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
Rated lamp efficacy (HF data 25 °C)	92



**Dimensions & Weight**

Overall length	849.00 mm
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Length with base excl. base pins/connection	849,00 mm
Diameter	16,0 mm
Tube diameter	16 mm
Maximum diameter	16 mm
Product weight	65.00 g

### Temperatures & operating conditions

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

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	0.90
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF

### Additional product data

Base (standard designation)	G5
Mercury content	1.2 mg

### Capabilities

Suitable for indoor	Yes
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### Certificates & Standards

Energy efficiency class	A+
Energy consumption	23.10 kWh/1000h

### Country-specific categorizations

Order reference	HE 21W/840 SL
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### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G5
Length	849.00 mm
Height	16,0 mm
Width	16,0 mm

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**DOWNLOAD DATA****Photometric and lighting design files**

Spectral power distribution

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321335487	Sleeve 1	863 mm x 18 mm x 18 mm	80.00 g	0.28 dm <sup>3</sup>
4052899046726	Shipping box 20	891 mm x 104 mm x 88 mm	2283.00 g	8.15 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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**DISCLAIMER**

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