

# PRODUCT DATASHEET

## HE SL 28 W/865

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



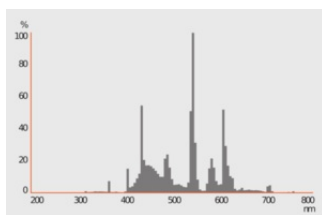
TECHNICAL DATA

Electrical data

Nominal wattage	28 W
Construction wattage	27.90 W
Nominal voltage	220 V
Rated lamp efficacy (HF data 25 °C)	86

Photometrical data

Luminous flux	2400 lm
Luminous efficacy	85 lm/W
Luminous flux at 25 °C	2400 lm
Luminous flux at 35 °C	2750 lm
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865
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)	86



349641\_FL\_865

Dimensions & Weight

Overall length	1149.00 mm
Length with base excl. base pins/connection	1149 mm

Diameter	16,0 mm
Tube diameter	16 mm
Maximum diameter	16 mm
Product weight	90.00 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	30.69 kWh/1000h

### Country-specific categorizations


Order reference	HE 28W/865 SL
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### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G5
Length	1149.00 mm
Height	16,0 mm
Width	16,0 mm

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**DOWNLOAD DATA**

Photometric and lighting design files	Document name
 Spectral power distribution	349641_FL_865

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321335623	Sleeve 1	1,164 mm x 18 mm x 18 mm	109.00 g	0.38 dm <sup>3</sup>
4052899046856	Shipping box 20	1,191 mm x 104 mm x 88 mm	3018.00 g	10.90 dm <sup>3</sup>

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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.