

PRODUCT DATASHEET

HE SL 28 W/827

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



TECHNICAL DATA

Electrical data

Nominal wattage	28 W
Construction wattage	28.00 W
Nominal voltage	220 V
Rated lamp efficacy (HF data 25 °C)	93

Photometrical data

Luminous flux	2600 lm
Luminous efficacy	92 lm/W
Luminous flux at 25 °C	2600 lm
Luminous flux at 35 °C	2900 lm
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
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)	93



349636_FL_827

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/827 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

DOWNLOAD DATA

Photometric and lighting design files		Document name
	Spectral power distribution	349636_FL_827

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321339553	Sleeve 1	1,164 mm x 18 mm x 18 mm	109.00 g	0.38 dm ³
4008321339560	Shipping box 50	1,200 mm x 204 mm x 123 mm	6190.00 g	30.11 dm ³

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.

DISCLAIMER

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