

# PRODUCT DATASHEET HE SL 14 W/840

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





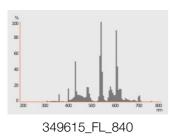
# TECHNICAL DATA

# Electrical data

Nominal wattage	14 W
Construction wattage	14.00 W
Nominal voltage	220 V
Rated lamp efficacy (HF data 25 °C)	86

# Photometrical data

Luminous flux	1200 lm
Luminous efficacy	85 lm/W
Luminous flux at 25 °C	1200 lm
Luminous flux at 35 °C	1350 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)	86



# Dimensions & Weight

Overall length	549.00 mm
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Length with base excl. base pins/connection 549,00 mm   Diameter 16,0 mm   Tube diameter 16 mm   Maximum diameter 16 mm   Product weight 45.00 g    Temperatures & operating conditions  Rated ambient temp.w.max.luminous  35.0 °C  Lifespan	
Tube diameter 16 mm  Maximum diameter 16 mm  Product weight 45.00 g  Temperatures & operating conditions  Rated ambient temp.w.max.luminous 35.0 °C	
Maximum diameter 16 mm  Product weight 45.00 g  Temperatures & operating conditions  Rated ambient temp.w.max.luminous 35.0 °C	
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Temperatures & operating conditions  Rated ambient temp.w.max.luminous 35.0 °C	
Rated ambient temp.w.max.luminous 35.0 °C	
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	
Certificates & Standards	
Energy efficiency class A+	
Energy consumption 15.40 kWh/1000h	
Country-specific categorizations	
Order reference HE 14W/840 SL	
Energy labelling regulation data acc EU 2019/2015	
Light source cap-type (or other electric interface)  G5	
Length 549.00 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	349615_FL_840

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321335203	Sleeve 1	563 mm x 18 mm x 18 mm	55.00 g	0.18 dm <sup>3</sup>
4052899046580	Shipping box 20	591 mm x 104 mm x 88 mm	1528.00 g	5.41 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.

#### **DISCLAIMER**

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