

# PRODUCT DATASHEET HE SL 21 W/840

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





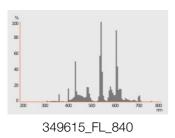
# TECHNICAL DATA

# 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

Length with base excl. base pins/connection  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  Lifespan  Rated lamp survival factor at 2,000 h  Rated lamp survival factor at 4,000 h  Rated lamp survival factor at 6,000 h  0.99	
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  Lifespan  Rated lamp survival factor at 2,000 h 0.99  Rated lamp survival factor at 4,000 h 0.99	
Maximum diameter 16 mm  Product weight 65.00 g  Temperatures & operating conditions  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	
Product weight  65.00 g  Temperatures & operating conditions  Rated ambient temp.w.max.luminous  35.0 °C  Lifespan  Rated lamp survival factor at 2,000 h  Rated lamp survival factor at 4,000 h  0.99	
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Rated ambient temp.w.max.luminous  35.0 °C  Lifespan  Rated lamp survival factor at 2,000 h  Rated lamp survival factor at 4,000 h  0.99	
Lifespan  Rated lamp survival factor at 2,000 h  Rated lamp survival factor at 4,000 h  0.99	
Rated lamp survival factor at 2,000 h  Rated lamp survival factor at 4,000 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 23.10 kWh/1000h	
Country-specific categorizations	
Order reference HE 21W/840 SL	
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	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
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.

#### **DISCLAIMER**

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