

# **PRODUCT DATASHEET** HE SL 14 W/840

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





March 14, 2021, 03:35:14 HE SL 14 W/840

## **TECHNICAL DATA**

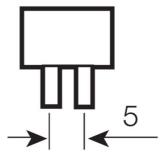
#### Electrical data

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

### Photometrical data

Color rendering index Ra	≥80
Rated luminous flux	1200 lm
Luminous flux at 25 °C	1200 lm
Luminous flux at 35 °C	1350 lm
Light color	840
Rated color temperature	4000 К
Nominal luminous flux	1200 lm
Light color (designation)	LUMILUX Cool White
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
Color temperature	4000 K
Luminous flux	1200 lm
Color rendering index Ra	≥80





Tube diameter

16 mm

Length	549.0 mm
Length with base excl. base pins/connection	549.00 mm
Diameter	16.0 mm
Maximum diameter	16.0 mm

## Temperatures & operating conditions

Rated ambient temp.w.max.luminous flux	35.0 °C
--	---------

### Lifespan

Lifespan	20000 h
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 h	0.90
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF
Rated lamp life time	20000 h
Nominal lamp life time	20000 h

### Additional product data

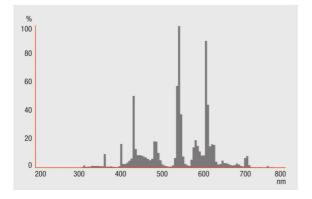
Base (standard designation)	G5
Mercury content	1.2 mg
Show WEEE picto	Yes

### Capabilities

#### Certificates & standards

Energy efficiency class	A+
Energy efficiency class	A+
Energy consumption	16 kWh/1000h

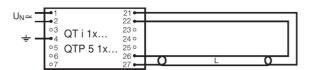
### Light Distribution

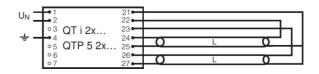


### Spectral power distribution

# Wiring Diagram

----





Wiring diagram

Wiring diagram

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321335203	Sleeves 1	563 mm x 18 mm x 18 mm	55.00 g	0.18 dm³
4052899046580	Shipping carton box 20	591 mm x 104 mm x 88 mm	1528.00 g	5.41 dm³

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.