

# PRODUCT DATASHEET

## HE SL 35 W/840

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



**TECHNICAL DATA**

Electrical data

|                                     |         |
|-------------------------------------|---------|
| Nominal voltage                     | 220 V   |
| Nominal wattage                     | 35.00 W |
| Rated lamp efficacy (HF data 25 °C) | 94 lm/W |
| Rated wattage                       | 35.00 W |

Photometrical data

|                           |                    |
|---------------------------|--------------------|
| Color rendering index Ra  | ≥80                |
| Rated luminous flux       | 3320 lm            |
| Luminous flux at 25 °C    | 3320 lm            |
| Luminous flux at 35 °C    | 3650 lm            |
| Light color               | 4000               |
| Rated color temperature   | 4000 K             |
| Nominal luminous flux     | 3320 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             | 3320 lm            |
| Color rendering index Ra  | ≥80                |

Dimensions & weight



|               |       |
|---------------|-------|
| Tube diameter | 16 mm |
|---------------|-------|

|  |            |
|--|------------|
| <b>Length</b>                                      | 1449 mm    |
| <b>Length with base excl. base pins/connection</b> | 1449.00 mm |
| <b>Diameter</b>                                    | 16.0 mm    |
| <b>Maximum diameter</b>                            | 16.0 mm    |

#### Temperatures & operating conditions

|   |         |
|---|---------|
| <b>Rated ambient temp.w.max.luminous flux</b> | 35.0 °C |
|---|---------|

#### Lifespan

|   |         |
|---|---------|
| <b>Lifespan</b>                               | 20000 h |
| <b>Rated lamp survival factor at 2,000 h</b>  | 0.99    |
| <b>Rated lamp survival factor at 4,000 h</b>  | 0.99    |
| <b>Rated lamp survival factor at 6,000 h</b>  | 0.99    |
| <b>Rated lamp survival factor at 8,000 h</b>  | 0.99    |
| <b>Rated lamp survival factor at 12,000 h</b> | 0.99    |
| <b>Rated lamp survival factor at 16,000 h</b> | 0.90    |
| <b>Rated lamp survival factor at 20,000 h</b> | 0.50    |
| <b>Operation mode LLMF/LSF</b>                | HF      |
| <b>Rated lamp life time</b>                   | 20000 h |
| <b>Nominal lamp life time</b>                 | 20000 h |

#### Additional product data

|                                    |        |
|------------------------------------|--------|
| <b>Base (standard designation)</b> | G5     |
| <b>Mercury content</b>             | 1.2 mg |
| <b>Show WEEE picto</b>             | Yes    |

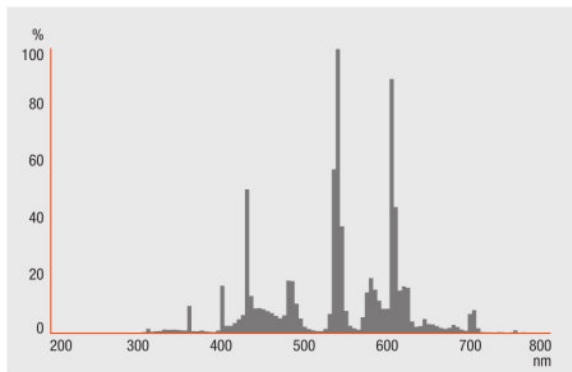
#### Capabilities

|                            |     |
|----------------------------|-----|
| <b>Suitable for indoor</b> | Yes |
|----------------------------|-----|

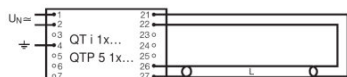
#### Certificates & standards

|                                |              |
|--------------------------------|--------------|
| <b>Energy efficiency class</b> | A+           |
| <b>Energy efficiency class</b> | A+           |
| <b>Energy consumption</b>      | 40 kWh/1000h |

Light Distribution



Spectral power distribution



Circuit diagram

Circuit diagram

LOGISTICAL DATA

| Product code  | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume                | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4008321335685 | HE SL 35 W/840      | Shipping carton box<br>20    | 1511 mm x 104 mm x<br>88 mm          | 13.83 dm <sup>3</sup> | 3498.00 g    |

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.