

PRODUCT DATASHEET HE SL 14 W/827

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





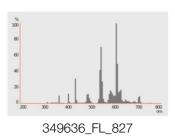
TECHNICAL DATA

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 |
| 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) | 86 |



Dimensions & Weight

| Overall length | 549.00 mm |
|---|-----------|
| Length with base excl. base pins/connection | 549,00 mm |

| Diameter | 16.0 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 | |
| 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+ |
| | A+ 15.40 kWh/1000h |
| Energy efficiency class | |
| Energy efficiency class Energy consumption | |
| Energy efficiency class Energy consumption Country-specific categorizations | 15.40 kWh/1000h |
| Energy efficiency class Energy consumption Country-specific categorizations Order reference | 15.40 kWh/1000h |
| Energy efficiency class Energy consumption Country-specific categorizations Order reference Energy labelling regulation data acc EU 2019/2015 | 15.40 kWh/1000h HE 14W/827 SL |
| Energy efficiency class Energy consumption Country-specific categorizations Order reference Energy labelling regulation data acc EU 2019/2015 Light source cap-type (or other electric interface) | 15.40 kWh/1000h HE 14W/827 SL G5 |

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 |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4008321338365 | Sleeve 1 | 563 mm x 18 mm x 18 mm | 55.00 g | 0.18 dm ³ |
| 4008321338372 | Shipping box 50 | 600 mm x 204 mm x 123 mm | 2992.00 g | 15.06 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.