# PRODUCT DATASHEET
# HE 35 W/827

## LUMILUX® T5 HE® | Tubular fluorescent lamps 16 mm, high efficiency, with G5 base



### Areas of application

- Public buildings
- Offices
- Shops
- Supermarkets and department stores
- Industry
- Outdoor applications only in suitable luminaires

### Product benefits

- Up to 20 % more economical than LUMILUX® T8

### Product features

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering index
- Dimmable







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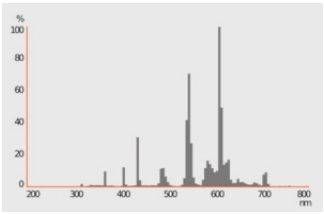
## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 35 W |
| Construction wattage | 35.50 W |
| Rated lamp efficacy (HF data 25 °C) | 94 |

### Photometrical data

| | |
|---|---|
| Luminous flux | 3320 lm |
| Luminous efficacy | 94 lm/W |
| Luminous flux at 25 °C | 3320 lm |
| Luminous flux at 35 °C | 3650 lm |
| Light color (designation) | LUMILUX INTERNA |
| 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) | 94 |




### Dimensions & Weight

| | |
|---|---|
| Overall length | 1449.00 mm |
| Length with base excl. base pins/connection | 1449 mm |







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| | |
|---|---|
| Diameter | 16,0 mm |
| Tube diameter | 16 mm |
| Maximum diameter | 16 mm |
| Product weight | 115.00 g |

## Temperatures & operating conditions

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

## Lifespan

| | |
|---|---|
| Lifespan | 24000 h |
| Service life | 19000 h [1)] |
| Rated lamp survival factor at 2,000 h | 0.99 |
| Rated lamp survival factor at 4,000 | 0.99 |
| Rated lamp survival factor at 6,000 | 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 | 0.97 |
| Rated lamp survival factor at 20,000 h | 0.85 |
| Operation mode LLMF/LSF | HF |

1) With preheat ECG

## Additional product data

| | |
|---|---|
| Base (standard designation) | G5 |
| Mercury content | 1.2 mg |
| Product remark | Suitable for ECG operation only / Lamp designed for internal luminaire temperatures of 30...40 °C; optimum luminous flux achieved at 35 °C |

## Capabilities

| | |
|---|---|
| Suitable for indoor | Yes |
| Dimmable | Yes |

## Certificates & Standards

| | |
|---|---|
| Energy efficiency class | F |
| Energy consumption | 39.05 kWh/1000h |

## Country-specific categorizations

| | |
|---|---|
| ILCOS | FDH-35/827-L/P/-G5-16/1449 |


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| | |
|---|---|
| Order reference | HE 35W/827 |

## Energy labelling regulation data acc EU 2019/2015

| | |
|---|---|
| Lighting technology used | LFL_T5_HE |
| Non-directional or directional | NDLS |
| Mains or non-mains | NMLS |
| Light source cap-type (or other electric interface) | G5 |
| Envelope | No |
| Length | 1449.00 mm |
| Height | 16,0 mm |
| Width | 16,0 mm |
| Beam angle correspondence | SPHERE_360 |

## Safety advice

– In case of lamp breakage: www.ledvance.com/brokenlamp

## DOWNLOAD DATA

| | DOWNLOAD DATA |
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## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4050300646053 | Unpacked<br>1 | 1,464 mm x 15 mm x 15 mm | 131.00 g | 0.33 $dm^3$ |
| 4050300646060 | Shipping box<br>40 | 1,496 mm x 199 mm x 87 mm | 5182.00 g | 25.90 $dm^3$ |

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.







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