

## PRODUCT DATASHEET HE 35 W/865

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



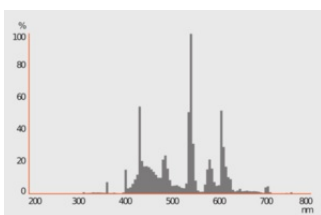
**TECHNICAL DATA**

**Electrical data**

Nominal wattage	35 W
Construction wattage	35.00 W
Nominal voltage	220 V
Nominal current	0.18 A

**Photometrical data**

Luminous flux	3400 lm
Luminous efficacy	97 lm/W
Luminous flux at 35 °C	3400 lm
Light color (designation)	LUMILUX Cool Daylight
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.93
Rated LLMF at 6,000 h	0.92
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



**Dimensions & Weight**

Overall length	1463.20 mm
Length with base excl. base pins/connection	1449 mm
Diameter	16,0 mm

Tube diameter	16 mm
Product weight	116.45 g

### Lifespan

Service life	19000 h <sup>1)</sup>
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	0.97
Rated lamp survival factor at 20,000 h	0.85
Lifespan B50	24000 h

<sup>1)</sup> With preheat ECG

### Additional product data

Base (standard designation)	G5
Mercury content	1.5 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

Dimmable	Yes
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### Certificates & Standards

Energy efficiency class	F
Energy consumption	35.00 kWh/1000h

### Country-specific categorizations

ILCOS	FDH-35/865-L/P/-G5-16/1449
Order reference	HE 35W/865

### 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

Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	1463.20 mm
Height	16,0 mm
Width	16,0 mm
Chromaticity coordinate x	0,313
Chromaticity coordinate y	0,337
Beam angle correspondence	SPHERE_360
EPREL ID	546276
Model number	AC34040

### Safety advice

- In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)

### DOWNLOAD DATA

#### Documents and certificates



Declarations Of Conformity CE



Certificates

#### Photometric and lighting design files



Spectral power distribution

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300591360	Sleeve 1	1,464 mm x 18 mm x 18 mm	159.00 g	0.47 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300591377	Shipping box 20	1,511 mm x 104 mm x 88 mm	3058.00 g	13.83 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.

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## DISCLAIMER

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