

# PRODUCT DATASHEET

## HE 35 W/840

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



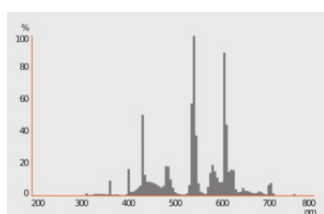
TECHNICAL DATA

Electrical data

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

Photometrical data

Luminous flux	3550 lm
Luminous efficacy	101 lm/W
Luminous flux at 35 °C	3550 lm
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
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

Nominal lamp life time	24000 h
Service life	19000 h <sup>1)</sup>
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
Lifespan B50	24000 h

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

### Additional product data

Base (standard designation)	G5
Mercury content	1 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-35/840-L/P/-G5-16/1449
Order reference	HE 35W/840

### 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
Beam angle	SPHERE_360
EPREL ID	546275
Model number	AC34039

**Safety advice**

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

**DOWNLOAD DATA**

DOWNLOAD DATA	
	Certificates EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL
	Certificates EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Serifikaciya FL
	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4077889-EN-00 - T5 HE HO
	Advertisements 333819_Light in its third dimension.The biological aspect of lighting design for better
	Advertisements 335262_Light color and lumen overview / Lichtfarben- und Lumenübersicht
	Advertisements 333507_SKYWHITE-en
	Advertisements 333527_LUMILUX T5



## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300591445	Sleeve 1	1,470 mm x 17 mm x 22 mm	159.00 g	0.55 dm <sup>3</sup>
4050300591452	Shipping box 20	1,482 mm x 83 mm x 104 mm	3450.00 g	12.79 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.

## DISCLAIMER

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

