

# 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



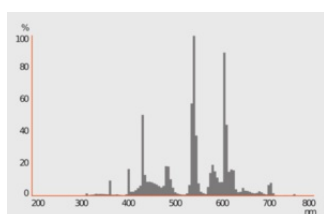
## TECHNICAL DATA

### 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

Lifespan	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	1.5 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-35/840-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

### Safety advice

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

### DOWNLOAD DATA

DOWNLOAD DATA	
	Certificates
	Certificates
	Declarations of conformity

### 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>
4050300464749	Unpacked 1	1,461 mm x 12 mm x 15 mm	136.00 g	0.26 dm <sup>3</sup>
4050300464756	Shipping box 40	1,496 mm x 199 mm x 87 mm	5182.00 g	25.90 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>