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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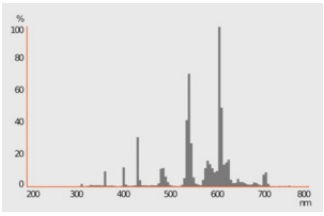
TECHNICAL DATA

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

Nominal lamp life time	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 labellling 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	SPHERE_360

Safety advice

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

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Advertisements 335262_Light color and lumen overview / Lichtfarben- und Lumenübersicht
PDF	Advertisements 333507_SKYWHITE-en
PDF	Advertisements 333819_Light in its third dimension.The biological aspect of lighting design for better
PDF	Advertisements 333527_LUMILUX T5

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300646053	Unpacked 1	1,464 mm x 15 mm x 15 mm	131.00 g	0.33 dm^3
4050300646060	Shipping box 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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DISCLAIMER

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