

# PRODUCT DATASHEET

## L 16 W/827

LUMILUX® T8 | Tubular fluorescent lamps 26 mm, with G13 bases



### Areas of application

- Public buildings
- Office lighting
- Industry
- Shops
- Supermarkets and department stores
- Street lighting
- Outdoor applications only in suitable luminaires

### Product benefits

- Proven lamp technology

### Product features

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



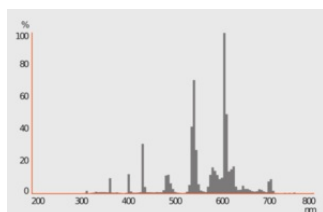
## TECHNICAL DATA

### Electrical data

Nominal wattage	16 W
Construction wattage	16.80 W
Nominal voltage	90 V
Nominal current	0.2 A

### Photometrical data

Luminous flux	1250 lm
Luminous efficacy	74 lm/W
Light color (designation)	LUMILUX INTERNA
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Rated LLMF at 2,000 h	0.96
Rated LLMF at 4,000 h	0.94
Rated LLMF at 6,000 h	0.93
Rated LLMF at 8,000 h	0.91
Rated LLMF at 12,000 h	0.91
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89



### Dimensions & Weight

Overall length	734.20 mm
Length with base excl. base pins/connection	720,00 mm
Diameter	25.50 mm
Tube diameter	26 mm

Product weight	100.00 g
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### Lifespan

Nominal lamp life time	20000 h
Service life	16000 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	0.90
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h

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

### Additional product data

Base (standard designation)	G13
Mercury content	3.0 mg

### Capabilities

Dimmable	Yes
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### Certificates & Standards

Energy efficiency class	G
Energy consumption	17.00 kWh/1000h

### Country-specific categorizations

ILCOS	FD-16/827-E-G13-26/720
Order reference	L 16W/827

### Energy labelling regulation data acc EU 2019/2015





Lighting technology used	OTHER_FL
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	G13
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	734.20 mm
Height	25.50 mm
Width	25.50 mm
Chromaticity coordinate x	0,463
Chromaticity coordinate y	0,420
Beam angle	SPHERE_360
EPREL ID	546357
Model number	AC34144

### Safety advice

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

### DOWNLOAD DATA

DOWNLOAD DATA	
	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4071456-EN-01 - T8
	Advertisements 333507_SKYWHITE-en
	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

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300446080	Sleeve 1	735 mm x 27 mm x 32 mm	116.00 g	0.64 dm <sup>3</sup>
4050300446097	Shipping box 25	558 mm x 352 mm x 145 mm	3152.00 g	28.48 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.