

## PRODUCT DATASHEET

### L 8 W/827

LUMILUX® T5 Short | Tubular fluorescent lamps 16 mm, short, with G5 base



#### Areas of application

- Shops
- Supermarkets and department stores
- Public buildings

#### Product benefits

- Ideal for cost-effective creative illumination and decoration

#### Product features

- Good color rendering index



TECHNICAL DATA

Electrical data

Nominal wattage	8 W
Construction wattage	7.50 W
Nominal voltage	56 V
Nominal current	150 mA

Photometrical data

Luminous flux	420 lm
Luminous efficacy	56 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	0.80
Rated LLMF at 4,000 h	0.74
Rated LLMF at 6,000 h	0.71
Rated LLMF at 8,000 h	0.69



349636\_FL\_827

Dimensions & Weight

Overall length	302.50 mm
Length with base excl. base pins/connection	288,00 mm
Diameter	16,0 mm
Tube diameter	16 mm
Product weight	25.71 g

Lifespan

Service life	5600 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	0.95
Rated lamp survival factor at 8,000 h	0.81
Lifespan B50	10000 h

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

#### Additional product data

Base (standard designation)	G5
Mercury content	2.9 mg

#### Capabilities

Dimmable	Yes
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#### Certificates & Standards

Energy efficiency class	G
Energy consumption	8.00 kWh/1000h

#### Country-specific categorizations

ILCOS	FD-8/827-E-G5-16/288
Order reference	L 8W/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)	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	302.50 mm
Height	16,0 mm


Width	16,0 mm
Chromaticity coordinate x	0,463
Chromaticity coordinate y	0,420
Beam angle correspondence	SPHERE_360
EPREL ID	546314
Model number	AC34081

### Safety advice

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

### DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077894-EN-00 - T5 SHORT
	Certificates	EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Sertifikaciya FL
	Certificates	EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL

Photometric and lighting design files		Document name
	Spectral power distribution	349636_FL_827

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300336961	Sleeve 1	304 mm x 19 mm x 19 mm	37.00 g	0.11 dm <sup>3</sup>
4050300967080	Folding box 10	98 mm x 41 mm x 307 mm	326.40 g	1.23 dm <sup>3</sup>
4050300336978	Shipping box 10	313 mm x 105 mm x 51 mm	460.00 g	1.68 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

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