

# PRODUCT DATASHEET L 36 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



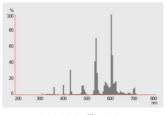
#### TECHNICAL DATA

#### Electrical data

Nominal wattage	36 W
Construction wattage	39.40 W
Nominal voltage	103 V
Nominal current	0.43 A

#### Photometrical data

Luminous flux	3250 lm
Luminous efficacy	82 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	0.96



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#### **Dimensions & Weight**

Overall length	1213.60 mm
Length with base excl. base pins/connection	1200 mm
Diameter	25.50 mm
Tube diameter	26 mm

Product weight	160.00 g

#### Lifespan

Service life	18000 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	0.99
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	0.99
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h

1) 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	40.00 kWh/1000h

#### Country-specific categorizations

ILCOS	FD-36/827-E-G13-26/1200
Order reference	L 36W/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	1213.60 mm	
Height	25.50 mm	
Width	25.50 mm	
Chromaticity coordinate x	0,463	
Chromaticity coordinate y	0,420	
Beam angle correspondence	SPHERE_360	
EPREL ID	546333,546342,1282752	
Model number	AC34129,AC34100,AC44078	

#### Safety advice

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

## DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	L 18W, 36W, 58W
	Photometric and lighting design files	Document name
1	Spectral power distribution	349636_FL_827

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300517919	Sleeve 1	27 mm x 28 mm x 1,210 mm	202.00 g	0.91 dm <sup>3</sup>
4050300517926	Shipping box 25	1,234 mm x 150 mm x 155 mm	4880.14 g	28.69 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.