

# PRODUCT DATASHEET

## L 18 W/830

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



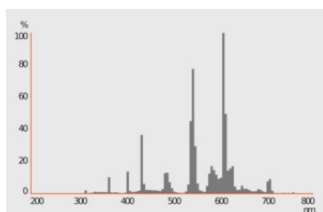
## TECHNICAL DATA

### Electrical data

Nominal wattage	18 W
Construction wattage	18.80 W
Nominal voltage	57 V
Nominal current	0.37 A

### Photometrical data

Luminous flux	1300 lm
Luminous efficacy	69 lm/W
Light color (designation)	LUMILUX Warm White
Color temperature	3000 K
Color rendering index Ra	≥80
Light color	830
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



### Dimensions & Weight

Overall length	604.00 mm
Length with base excl. base pins/connection	590,00 mm
Diameter	25.50 mm
Tube diameter	26 mm

Product weight	77.00 g
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### Lifespan

Nominal lamp life time	20000 h
Service life	18000 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	0.99
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	19.00 kWh/1000h

### Country-specific categorizations

ILCOS	FD-18/830-E-G13-26/600
Order reference	L 18W/830

### 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	604.00 mm
Height	25.50 mm
Width	25.50 mm
Chromaticity coordinate x	0,440
Chromaticity coordinate y	0,403
Beam angle	SPHERE_360
EPREL ID	546326,546323
Model number	AC34093,AC34090

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

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300517810	Sleeve 1	605 mm x 27 mm x 27 mm	97.00 g	0.44 dm <sup>3</sup>
4050300517827	Shipping box 25	564 mm x 216 mm x 145 mm	2625.00 g	17.66 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.