

# PRODUCT DATASHEET L 18 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





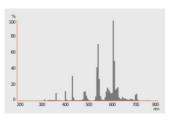
## **TECHNICAL DATA**

## Electrical data

Nominal wattage	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 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



# **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
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
Certificates & Standards	
Energy efficiency class	G
Energy consumption	19.00 kWh/1000h
Country-specific categorizations	
ILCOS	FD-18/827-E-G13-26/600
Order reference	L 18W/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

No

Envelope

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	0,463
Chromaticity coordinate y	0,420
Beam angle correspondence	SPHERE_360
EPREL ID	546322,546331,1282748
Model number	AC34098,AC34089,AC44074

## Safety advice

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

#### **DOWNLOAD DATA**

	Documents and certificates
PDF	Declarations Of Conformity CE
	Photometric and lighting design files
	Spectral power distribution

## **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300517834	Sleeve 1	27 mm x 28 mm x 605 mm	97.00 g	0.46 dm <sup>3</sup>
4050300517841	Shipping box 25	625 mm x 145 mm x 150 mm	2625.00 g	13.59 dm³

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**

PRODUCT DATASHEET Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.