

## PRODUCT DATASHEET

### L 18 W/840 SPS

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



#### Areas of application

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

#### Product benefits

- Helps to prevent contamination in sensitive production areas (e.g. in the food industry)
- Optimal shatter protection thanks to special FEP coating
- Closed end caps allow additional protection beyond requirements of IEC 61549
- The life of the sleeve is the same as the average lamp life
- Support the implementation of the HACCP concepts from production through to presentation

#### Product features

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



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)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
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



349615\_FL\_840

Dimensions & Weight

Overall length	604.00 mm
Length with base excl. base pins/connection	590,00 mm
Diameter	26.00 mm
Tube diameter	26 mm

Product weight	86.00 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	0.90
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

Order reference	L 18W/840 SPS
-----------------	---------------

### 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	26.00 mm
Width	26.00 mm
Chromaticity coordinate x	0,380
Chromaticity coordinate y	0,380
Beam angle correspondence	SPHERE_360
EPREL ID	546381
Model number	AC34156




## EQUIPMENT / ACCESSORIES

- Suitable for use in open and enclosed luminaires

## Safety advice

- Lamps with plastic sleeves, ambient temperature range: -10...+80 °C
- Lamps with plastic sleeves, maximum shelf life: 5 years at 0...30 °C
- Lamps with plastic sleeves must be replaced after average lifetime (B50) has been reached
- 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 9C1-4077897-EN-00 - T8
	Certificates	EAC RU C-DE HA10.B.00671 16 08 2018 15 07 2023 Expert Sertifikaciya FL
Photometric and lighting design files		Document name
	Spectral power distribution	349615_FL_840

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321232885	Unpacked 1	604 mm x 26 mm x 26 mm	118.00 g	0.41 dm <sup>3</sup>
4008321232892	Shipping box 12	638 mm x 191 mm x 77 mm	1761.00 g	9.38 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.