

# PRODUCT DATASHEET

## L 36 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



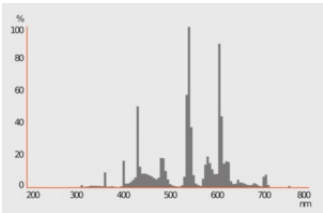
TECHNICAL DATA

Electrical data

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

Photometrical data

|                           |            |
|---------------------------|------------|
| Luminous flux             | 3150 lm    |
| Luminous efficacy         | 80 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       |



Dimensions & Weight

|                                             |            |
|---------------------------------------------|------------|
| Overall length                              | 1213.60 mm |
| Length with base excl. base pins/connection | 1200 mm    |
| Diameter                                    | 26.00 mm   |
| Tube diameter                               | 26 mm      |



|                |          |
|----------------|----------|
| Product weight | 165.00 g |
|----------------|----------|

### Lifespan

|                                        |                       |
|----------------------------------------|-----------------------|
| Lifespan                               | 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   | 0.90                  |
| 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 |
|----------|-----|

### Certificates & Standards

|                         |                 |
|-------------------------|-----------------|
| Energy efficiency class | G               |
| Energy consumption      | 40.00 kWh/1000h |

### Country-specific categorizations

|                 |                           |
|-----------------|---------------------------|
| ILCOS           | FD-36/40/1B-E-G13-26/1200 |
| Order reference | L 36W/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                             | 1213.60 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                           | 546376       |
| Model number                       | AC34125      |

## 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

| DOWNLOAD DATA                                                                      |                            |
|------------------------------------------------------------------------------------|----------------------------|
|  | Certificates               |
|  | Declarations of conformity |
|  | Advertisements             |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|--------------|------------------------------|--------------------------------------|--------------|--------|
|--------------|------------------------------|--------------------------------------|--------------|--------|



| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4008321232823 | Unpacked<br>1                | 1,214 mm x 28 mm x 33 mm             | 244.00 g     | 1.12 dm <sup>3</sup>  |
| 4008321232830 | Shipping box<br>12           | 1,266 mm x 71 mm x 202 mm            | 3194.00 g    | 18.16 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.

