

PRODUCT DATASHEET

L 36 W/830-1

LUMILUX® T8 1 m | Tubular fluorescent lamps 26 mm, 1 m, for public transport, with G13 base



Areas of application

- Public transport

Product features

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Available with color temperature: 2,700 K, 3,000 K, 4,000 K



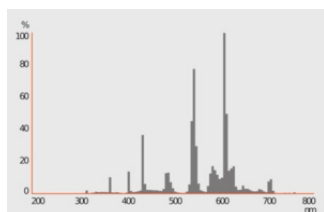
TECHNICAL DATA

Electrical data

| | |
|----------------------|---------|
| Nominal wattage | 36 W |
| Construction wattage | 38.90 W |
| Nominal voltage | 81 V |
| Nominal current | 0.56 A |

Photometrical data

| | |
|---------------------------|--------------------|
| Luminous flux | 3100 lm |
| Luminous efficacy | 80 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 | 0.89 |



Dimensions & Weight

| | |
|---|-----------|
| Overall length | 984.20 mm |
| Length with base excl. base pins/connection | 970,00 mm |
| Diameter | 25.50 mm |
| Tube diameter | 26 mm |

| | |
|----------------|----------|
| Product weight | 130.00 g |
|----------------|----------|

Lifespan

| | |
|--|---------|
| Lifespan | 20000 h |
| Service life | 18000 h |
| 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 |

Additional product data

| | |
|-----------------------------|--------|
| Base (standard designation) | G13 |
| Mercury content | 3.0 mg |

Capabilities

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Certificates & Standards

| | |
|-------------------------|-----------------|
| Energy efficiency class | G |
| Energy consumption | 39.00 kWh/1000h |

Country-specific categorizations

| | |
|-----------------|------------------------|
| ILCOS | FD-36/830-E-G13-26/970 |
| Order reference | L 36W/830-1 |

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 | 984.20 mm |
| Height | 25.50 mm |
| Width | 25.50 mm |
| Chromaticity coordinate x | 0,440 |
| Chromaticity coordinate y | 0,403 |
| Beam angle correspondence | SPHERE_360 |
| EPREL ID | 546370 |
| Model number | AC34117,AC34117 |

DOWNLOAD DATA

DOWNLOAD DATA



Declarations of conformity

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4008321959058 | Sleeve 1 | 985 mm x 27 mm x 27 mm | 149.00 g | 0.72 dm ³ |
| 4008321959157 | Shipping box 25 | 1,032 mm x 142 mm x 145 mm | 4001.00 g | 21.25 dm ³ |

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.