

PRODUCT DATASHEET

Emergency Lighting 8 W/840

LUMILUX® T5 Short EL | Tubular fluorescent lamps 16 mm, short, for emergency lighting, with G5 base



Areas of application

- Public buildings
- Industry
- Shops
- Supermarkets and department stores

Product benefits

- Optimized for emergency power operation

Product features

- Suitable for emergency power operation
- Good color rendering index



TECHNICAL DATA

Electrical data

| | |
|----------------------|--------|
| Nominal wattage | 8 W |
| Construction wattage | 7.50 W |
| Nominal voltage | 56 V |
| Nominal current | 0.15 A |

Photometrical data

| | |
|---------------------------|--------------------|
| Luminous flux | 450 lm |
| Luminous efficacy | 60 lm/W |
| Light color (designation) | LUMILUX Cool White |
| Color temperature | 4000 K |
| Color rendering index Ra | ≥ 80 |
| Light color | 840 |
| Rated LLMF at 2,000 h | 0.80 |
| Rated LLMF at 4,000 h | 0.74 |
| Rated LLMF at 6,000 h | 0.71 |
| Rated LLMF at 8,000 h | 0.69 |



Dimensions & Weight

| | |
|---|-----------|
| Overall length | 302.50 mm |
| Length with base excl. base pins/connection | 288,00 mm |
| Diameter | 16.00 mm |
| Tube diameter | 16 mm |
| Product weight | 25.71 g |

Lifespan

| | |
|---------------------------------------|---------|
| Service life | 4500 h |
| 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 | 0.95 |
| Rated lamp survival factor at 8,000 h | 0.81 |
| Lifespan B50 | 10000 h |

Additional product data

| | |
|-----------------------------|---------------------------------|
| Base (standard designation) | G5 |
| Mercury content | 2.9 mg |
| Product remark | T5 SHORT for emergency lighting |

Capabilities

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

Certificates & Standards

| | |
|-------------------------|----------------|
| Energy efficiency class | G |
| Energy consumption | 8.00 kWh/1000h |

Country-specific categorizations

| | |
|-----------------|----------------------|
| ILCOS | FD-8/840-E-G5-16/288 |
| Order reference | L 8W/840 EL |

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) | G5 |
| 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 | 302.50 mm |
| Height | 16.00 mm |

| | |
|---------------------------|------------|
| Width | 16.00 mm |
| Chromaticity coordinate x | 0,380 |
| Chromaticity coordinate y | 0,380 |
| Beam angle correspondence | SPHERE_360 |
| EPREL ID | 546313 |
| Model number | AC34080 |

Safety advice

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

DOWNLOAD DATA

Documents and certificates



Declarations Of Conformity CE



Certificates

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 |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4008321325846 | Sleeve 1 | 19 mm x 19 mm x 304 mm | 36.00 g | 0.11 dm ³ |
| 4008321325853 | Shipping box 25 | 316 mm x 103 mm x 109 mm | 976.00 g | 3.55 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.