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# PRODUCT DATASHEET

## L 8 W/840

LUMILUX® T5 Short | Tubular fluorescent lamps 16 mm, short, with G5 base



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### Areas of application

- Shops
- Supermarkets and department stores
- Public buildings

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### Product benefits

- Ideal for cost-effective creative illumination and decoration

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### Product features

- Good color rendering index



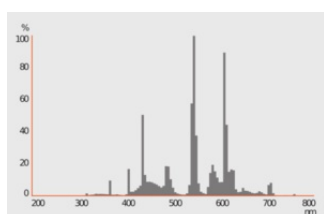
## TECHNICAL DATA

### Electrical data

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

### Photometrical data

|                           |                    |
|---------------------------|--------------------|
| Luminous flux             | 420 lm             |
| Luminous efficacy         | 56 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     | 0.90               |
| Rated LLMF at 4,000 h     | 0.84               |
| Rated LLMF at 6,000 h     | 0.79               |
| Rated LLMF at 8,000 h     | 0.75               |



### Dimensions & Weight

|   |           |
|---|-----------|
| Overall length                              | 302.50 mm |
| Length with base excl. base pins/connection | 288,00 mm |
| Diameter                                    | 16,0 mm   |
| Tube diameter                               | 16 mm     |
| Product weight                              | 25.71 g   |

### Lifespan

|                                       |                      |
|---------------------------------------|----------------------|
| Service life                          | 5600 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 | 0.95                 |
| Rated lamp survival factor at 8,000 h | 0.81                 |
| Lifespan B50                          | 10000 h              |

1) With preheat ECG

### Additional product data

|                             |                                    |
|-----------------------------|------------------------------------|
| Base (standard designation) | G5                                 |
| Mercury content             | 2.9 mg                             |
| Design / version            | LUMILUX® T5 short tubular, G5 base |

### 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             |

### 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                    | 16,0 mm    |
| Width                     | 16,0 mm    |
| Chromaticity coordinate x | 0,380      |
| Chromaticity coordinate y | 0,380      |
| Beam angle correspondence | SPHERE_360 |
| EPREL ID                  | 546316     |
| Model number              | AC34083    |

### Safety advice

- In case of lamp breakage: [www.ledvance.com/brokenlamp](http://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               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300241623 | Sleeve<br>1                  | 19 mm x 19 mm x 304 mm               | 36.00 g      | 0.11 dm <sup>3</sup> |
| 4050300241630 | Shipping box<br>25           | 316 mm x 103 mm x 109 mm             | 973.10 g     | 3.55 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.