

## PRODUCT DATASHEET

### L 8 W/640

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



#### Areas of application

- Shops
- Supermarkets and department stores
- Public buildings

#### Product benefits

- Ideal for cost-effective creative illumination and decoration



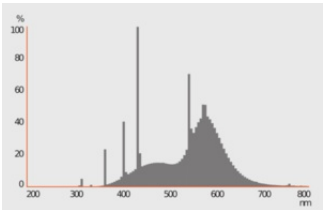
TECHNICAL DATA

Electrical data

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

Photometrical data

|                           |            |
|---------------------------|------------|
| Luminous flux             | 385 lm     |
| Luminous efficacy         | 51 lm/W    |
| Light color (designation) | Cool White |
| Color temperature         | 4000 K     |
| Color rendering index Ra  | ≥60        |
| Light color               | 640        |
| 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       |



349629\_FL\_640

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                          |
| Design / version            | Basic 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-8/640-E-G5-16/288 |
| Order reference | L 8W/640             |

#### 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 | 0,394      |
| Beam angle correspondence | SPHERE_360 |
| EPREL ID                  | 546311     |
| Model number              | AC34078    |

### Safety advice

– 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 9C1-4077894-EN-00 - T5 SHORT       |
|    | Certificates               | EAC N RU D-DE.MU62.B.00801_20 02.03.2020-01.03.2025 Prommash Test - FL |
|  | 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 | 349629_FL_640 |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300008912 | Sleeve<br>1                  | 19 mm x 19 mm x 304 mm               | 36.30 g      | 0.11 dm <sup>3</sup> |
| 4050300207124 | Shipping box<br>25           | 316 mm x 103 mm x 109 mm             | 980.60 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.

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