

PRODUCT DATASHEET

UVC T5 16W G5

UVC T5 SHORT | Ultraviolet germicidal lamps



Areas of application

- Efficient disinfecting of air, water and surfaces

Product benefits

- Effective and environment-friendly disinfection without chemicals
- Ozone-free
- Low mercury content
- Long lifetime due to special coating (up to 10,000 h)

Product features

- High UV-C radiance at 254 nm

TECHNICAL DATA**Electrical data**

| | |
|---------------------|------------|
| Nominal wattage | 16 W |
| Nominal voltage | 43 V |
| Nominal current | 412 mA |
| Operating frequency | 50...60 Hz |
| Mains frequency | 50...60 Hz |

Photometrical data

| | |
|-----------------------------------|-------|
| Radiated power 200...280 nm (UVC) | 3.7 W |
|-----------------------------------|-------|

Light technical data

| | |
|---------------|--------|
| Starting time | 30.0 s |
|---------------|--------|

Dimensions & Weight

| | |
|---|-----------|
| Overall length | 300.00 mm |
| Length | 300.00 mm |
| Length with base excl. base pins/connection | 288,00 mm |
| Outer bulb [PICOS] | T16 |
| Diameter | 16.00 mm |
| Tube diameter | 16,0 mm |
| Product weight | 26.22 g |

Temperatures & operating conditions

| | |
|---------------------------|--------------|
| Ambient temperature range | +10...+50 °C |
|---------------------------|--------------|

Lifespan

| | |
|------------------------|---------|
| Nominal lamp life time | 10000 h |
|------------------------|---------|

Additional product data

| | |
|-----------------------------|--------|
| Base (standard designation) | G5 |
| Mercury content | 3.0 mg |

Capabilities

| | |
|------------------|-----|
| Dimmable | No |
| Burning position | Any |

Certificates & Standards

| | |
|--|-----|
| Standards | CE |
| Photobiological safety group acc. to EN62778 | RG3 |



Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | UVC T5 L 16W G5 |
|-----------------|-----------------|

Safety advice

– WARNING: This lamp emits dangerous UV-C radiation (risk group 3 acc. EN 62471) for germicidal use only. Direct exposure to UV-C radiation poses a health hazard for humans, animals and plants and may damage skin and eyes. Avoid any voluntary or involuntary exposure. Users must protect their eyes and skin to avoid injury. UV-C radiation can further cause the discoloration or even structural modification of certain natural and synthetic materials near its source. Install and operate the UV-C lamp only as described in the user manual of the UV-C device. Put adequate safeguards in place to ensure safe installation and operation. Please refer to the user manual of the UV-C device for more details. Not intended for general lighting or medical applications. This product contains mercury. Disclaimer: Our UV-C lamps are not certified or approved as medical devices and are therefore neither intended nor to be used as such. The use of our UV-C lamps contributes to reducing the concentration of microorganisms such as bacteria and viruses in the air and on exposed surfaces. However, surfaces which are not directly exposed to UV-C radiation will either not be disinfected at all or with a significantly lower effectiveness. LEDVANCE does not warrant or guarantee that use of the UV-C lamps will protect or prevent any user from infection and/or contamination with any microorganism. The use of UV-C radiation does not replace protective measures, airing of the premises, cleaning, and other disinfection measures. Our UV-C lamp pose a minimum risk when installed and operated by professionals trained in their use. LEDVANCE denies all responsibility and liability for any claim or damage arising from or related to any use of the UV-C lamps outside of their intended use or contrary to their installation and operation instructions as described in the user instructions or user manual of the UV-C device.

DOWNLOAD DATA

| Documents and certificates | Document name |
|--|---|
|  Legal information | Legal insert |
|  Certificates | ED Declaration of Conformity UVC T5 SHORT |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075594821 | Sleeve 1 | 19 mm x 19 mm x 304 mm | | 0.11 dm ³ |
| 4058075594838 | Shipping box 25 | 316 mm x 103 mm x 109 mm | 907.00 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.