

# PRODUCT DATASHEET

## LED TUBE T5 EXT HO49 P 26 W/4000 K

### 1449.00 mm

LED TUBE T5 EXTERNAL P | LED TUBE T5 EXTERNAL for LED DRIVER EXTERNAL



#### Areas of application

- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Linear lighting for office, education, storage areas and retail
- Shops, supermarkets
- Suitable for indoor SELV installations
- General illumination within ambient temperatures from -20...+50 °C

#### Product benefits

- Compatible with LEDVANCE DRIVER LED TUBE DALI EXTERNAL
- Shatter protection thanks to special PET coating
- No bending thanks to glass tube
- Very high resistance to switching loads
- Five year guarantee

#### Product features

- Designed to power only with LEDVANCE Driver LED TUBE EXTERNAL
- Mercury-free and RoHS compliant



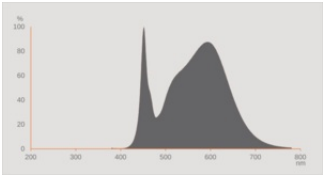
TECHNICAL DATA

Electrical data

|                                        |         |
|----------------------------------------|---------|
| Nominal wattage                        | 26 W    |
| Construction wattage                   | 26.00 W |
| Nominal voltage                        | 42 V    |
| Claimed equiv. conventional lamp power | 49 W    |
| Nominal current                        | 600 mA  |
| Type of current                        | DC      |
| Inrush current                         | 4.42 A  |
| Operating frequency                    | 0 Hz    |
| Mains frequency                        | 0 Hz    |
| Total harmonic distortion              | < 20 %  |
| Power factor λ                         | 0.90    |

Photometrical data

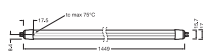
|                                         |            |
|-----------------------------------------|------------|
| Luminous flux                           | 4000 lm    |
| Luminous efficacy                       | 154 lm/W   |
| Lumen main.fact.at end of nom.life time | 0.70       |
| Light color (designation)               | Cool White |
| Color temperature                       | 4000 K     |
| Color rendering index Ra                | 80         |
| Light color                             | 840        |
| Standard deviation of color matching    | ≤5 sdcm    |
| Rated LLMF at 6,000 h                   | 0.80       |
| Flickering metric (Pst LM)              | <1         |
| Stroboscope effect metric (SVM)         | <0,4       |



Light technical data

|                                    |          |
|------------------------------------|----------|
| Beam angle                         | 180 °    |
| Warm-up time (60 %)                | < 2.00 s |
| Starting time                      | < 1.0 s  |
| Rated beam angle (half peak value) | 180.00 ° |

## Dimensions & Weight



|                  |            |
|------------------|------------|
| Overall length   | 1449.00 mm |
| Diameter         | 17.00 mm   |
| Maximum diameter | 17 mm      |
| Product weight   | 137.00 g   |

## Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -20...+50 °C |
| Maximum temperature at tc test point | 75 °C        |

## Lifespan

|                                     |         |
|-------------------------------------|---------|
| Lifespan                            | 50000 h |
| Number of switching cycles          | 200000  |
| Lumen maintenance at end of serv    | 0.70    |
| Rated lamp survival factor at 6,000 | ≥ 0.90  |

## Additional product data

|                             |                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base (standard designation) | G5                                                                                                                                                                                 |
| Mercury content             | 0.0 mg                                                                                                                                                                             |
| Product remark              | Single sided LED TUBE (one-sided DC input ) complying with safety requirement acc. IEC 62776:2014. Safety protection against electrical shock in misuse (ECG/CCG/Mains operation). |

## Capabilities

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

## Certificates & Standards

|                         |                 |
|-------------------------|-----------------|
| Energy efficiency class | D <sup>1)</sup> |
|-------------------------|-----------------|

|                                              |                 |
|----------------------------------------------|-----------------|
| Energy consumption                           | 26.00 kWh/1000h |
| Type of protection                           | IP20            |
| Standards                                    | CE              |
| Photobiological safety group acc. to EN62778 | RG0             |

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

### Country-specific categorizations

|                 |                |
|-----------------|----------------|
| Order reference | LEDTUBE T5 EXT |
|-----------------|----------------|

### LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -20...+80 °C |
|------------------------------|--------------|

### Energy labelling regulation data acc EU 2019/2015

|                                                      |              |
|------------------------------------------------------|--------------|
| Lighting technology used                             | LED          |
| 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                                               | 1449.00 mm   |
| Height                                               | 17.00 mm     |
| Width                                                | 17.00 mm     |
| Chromaticity coordinate x                            | 0,381        |
| Chromaticity coordinate y                            | 0,379        |
| R9 Colour rendering index                            | 0.00         |
| Beam angle correspondence                            | SPHERE_360   |
| Survival factor                                      | 0,90         |
| Displacement factor                                  | 0,90         |
| LED light source replaces a fluorescent light source | No           |
| EPREL ID                                             | 1161817      |
| Model number                                         | AC39944      |



## Safety advice

- Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
- The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure Tc max temperature on the product prior to installation.

## DOWNLOAD DATA

| DOWNLOAD DATA                                                                    |                      |
|----------------------------------------------------------------------------------|----------------------|
|  | User instruction     |
|  | IES file (IES)       |
|  | LDT file (Eulumdat)  |
|  | UGR file (UGR table) |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075730434 | Sleeve<br>1                  | 1,465 mm x 20 mm x 20 mm             | 159.00 g     | 0.59 dm <sup>3</sup>  |
| 4058075730441 | Shipping box<br>25           | 1,522 mm x 152 mm x 175 mm           | 5300.00 g    | 40.49 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.

