

# PRODUCT DATASHEET

## L 8 W/535

SubstiTUBE® T5 HF | LED tubes for electronic high frequency control gears



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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
- Very good luminous flux maintenance throughout the life of the lamp
- Slim and compact

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### Product features

- Average lifetime: up to 10,000 h (with QUICKTRONIC® ECG)



## TECHNICAL DATA

### Electrical data

Nominal wattage	8 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

### Photometrical data

Luminous flux	385 lm
Luminous efficacy	60 lm/W
Luminous flux at 25 °C	385 lm
Color temperature	3500 K
Color rendering index Ra	≥50
Light color	535
Rated LLMF at 2,000 h	0.75
Rated LLMF at 4,000 h	0.69
Rated LLMF at 6,000 h	0.66
Rated LLMF at 8,000 h	0.64
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated lamp efficacy (standard co.)	54 lm/W

### Dimensions & weight

Overall length	288.00 mm
Length	288.00 mm
Length with base excl. base pins/connection	288,00 mm
Diameter	16.00 mm
Tube diameter	16 mm
Maximum diameter	16 mm
Product weight	26.00 g

### Temperatures & operating conditions

Rated ambient temp.w.max.luminous	35.0 °C
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### Lifespan

Nominal lamp life time	10000 h
Service life	4500 h
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000	0.99



Rated lamp survival factor at 6,000	0.95
Rated lamp survival factor at 8,000 h	0.81
Operation mode LLMF/LSF	HF

#### Additional product data

Base (standard designation)	G5
Mercury content	2.5 mg
Design / version	Basic T5 short tubular, G5 base

#### Capabilities

Suitable for indoor	Yes
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#### Certificates & standards

Energy efficiency class	A
Energy consumption	8.80 kWh/1000h


#### Country-specific categorizations

ILCOS	FD-8/535-E-G5-16/288
Order reference	L 8W/535

#### Safety advice

– In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)

#### DOWNLOAD DATA

DOWNLOAD DATA	
	Advertisements 335262_Light color and lumen overview / Lichtfarben- und Lumenübersicht

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300241807	Sleeve 1	303 mm x 19 mm x 22 mm	48.70 g	0.13 dm <sup>3</sup>
4050300241814	Shipping box 25	320 mm x 105 mm x 105 mm	950.60 g	3.53 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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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

