

PRODUCT DATASHEET

L 13 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
- Very good luminous flux maintenance throughout the life of the lamp
- Slim and compact

Product features

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



TECHNICAL DATA

Electrical data

Nominal wattage	13 W
Construction wattage	13.00 W

Photometrical data

Luminous flux	830 lm
Luminous efficacy	64 lm/W
Luminous flux at 25 °C	830 lm
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥60
Light color	640
Rated LLMF at 2,000 h	0.85
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.72
Rated LLMF at 8,000 h	0.68
Rated lamp efficacy (standard co.)	64 lm/W

Dimensions & Weight

Overall length	517.00 mm
Length	517.00 mm
Length with base excl. base pins/connection	517,00 mm
Width (incl. round luminaires)	16,0 mm
Height (incl. round luminaires)	16,0 mm
Diameter	16,0 mm
Tube diameter	16 mm
Maximum diameter	16 mm
Product weight	45.00 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
Dimmable	Yes

Certificates & Standards

Energy efficiency class	A
Energy consumption	14.30 kWh/1000h

Country-specific categorizations

ILCOS	FD-13/640-E-G5-16/517
Order reference	L 13W/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	not applicable
Chromaticity coordinate x	0,380
Chromaticity coordinate y	0,394

Beam angle	SPHERE_360
LED light source replaces a fluorescent light source	not applicable
EPREL ID	546318
Model number	AC34085

Safety advice

– In case of lamp breakage: 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
4050300008974	Sleeve 1	534 mm x 19 mm x 22 mm	60.00 g	0.22 dm ³
4050300229515	Shipping box 25	550 mm x 115 mm x 106 mm	1638.00 g	6.70 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.