

PRODUCT DATASHEET

L 18 W/77

FLUORA® T8 | Tubular fluorescent lamps 26 mm, with G13 bases, for plant growing

Areas of application

- Wherever there is not enough natural daylight for plants

Product benefits

- Promotes photobiological processes in plants
- Promotes plant growth



TECHNICAL DATA

Electrical data

Nominal wattage	18 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

Photometrical data

Luminous flux	550 lm
Luminous efficacy	31 lm/W
Luminous flux at 25 °C	550 lm
Light color (designation)	FLUORA
Light color	77
Rated LLMF at 2,000 h	0.88
Rated LLMF at 4,000 h	0.83
Rated LLMF at 6,000 h	0.80
Rated LLMF at 8,000 h	0.77
Rated LLMF at 12,000 h	0.74
Rated LLMF at 16,000 h	0.72
Rated LLMF at 20,000 h	0.70
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated lamp efficacy (standard co.)	31 lm/W

Dimensions & Weight

Overall length	590.00 mm
Length	590.00 mm
Length with base excl. base pins/connection	590,00 mm
Diameter	26.00 mm
Tube diameter	26 mm
Maximum diameter	26 mm
Product weight	84.00 g

Temperatures & operating conditions

Rated ambient temp.w.max.luminous	25.0 °C
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Lifespan

Service life	10000 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	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.99
Rated lamp survival factor at 16,000	0.90
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF

Additional product data

Base (standard designation)	G13
Mercury content	4.5 mg

Capabilities

Suitable for indoor	Yes
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Certificates & Standards

Energy efficiency class	B
Energy consumption	22.97 kWh/1000h


Country-specific categorizations

Order reference	L 18W/77
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Safety advice

– In case of lamp breakage: www.ledvance.com/brokenlamp

DOWNLOAD DATA

Photometric and lighting design files	Document name
 Spectral power distribution	349637_FL_77_Fluora

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075402829	Sleeve 1	650 mm x 36 mm x 29 mm	120.00 g	0.68 dm ³
4058075402836	Shipping box 10	663 mm x 169 mm x 75 mm	1442.00 g	8.40 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.