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
- Public buildings
- Offices
- Shops
- Supermarkets and department stores
- Restaurants

PRODUCT BENEFITS

- Promotes photobiological processes in plants
- Promotes plant growth



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TECHNICAL DATA

Electrical data

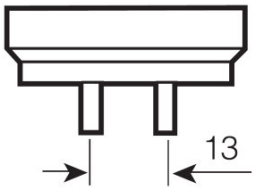
Nominal wattage	18.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	18.00 W

Photometrical data

Rated lamp efficacy (standard condition)	31 lm/W
Rated luminous flux	550 lm
Luminous flux at 25 °C	550 lm
Light color	0
Nominal luminous flux	550 lm
Light color (designation)	FLUORA
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
Luminous flux	550 lm

Dimensions & weight





G13
IEC 7004-51
DIN 49653 T1

Tube diameter	26 mm
Length	590.0 mm
Length with base excl. base pins/connection	590.00 mm
Diameter	26.0 mm
Maximum diameter	26.0 mm

Temperatures & operating conditions

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

Lifespan

Service life	10000 h
Lifespan	20000 h [1)]
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 h	0.90
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF
Rated lamp life time	20000 h
Nominal lamp life time	20000 h

[1)] With preheat ECG

Additional product data

Base (standard designation)	G13
Mercury content	4.5 mg
Show WEEE picto	Yes

Capabilities

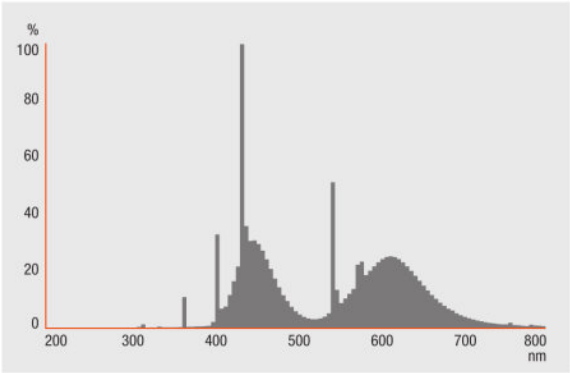
Suitable for indoor	Yes

Certificates & standards

Energy efficiency class	B
Energy efficiency class	B
Energy consumption	23 kWh/1000h

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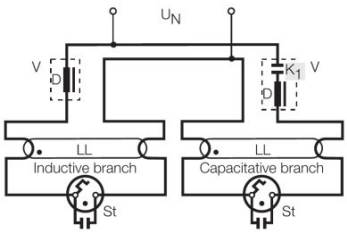
Light Distribution



Spectral power distribution

SAFETY ADVICE

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



Circuit diagram

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300004235	L 18 W/77	Shipping carton box 10	633 mm x 68 mm x 152 mm	6.54 dm^3	1082.50 g

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4050300004235	L 18 W/77	Shipping carton box 25	632 mm x 144 mm x 147 mm	13.38 dm^3	2815.00 g
4050300325798	L 18 W/77	Shipping carton box 10	677 mm x 73 mm x 177 mm	8.75 dm^3	1386.40 g

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.

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