

# PRODUCT DATASHEET

## L 36 W/77

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



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### AREAS OF APPLICATION

- Wherever there is not enough natural daylight for plants
- Public buildings
- Offices
- Shops
- Supermarkets and department stores
- Restaurants

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### PRODUCT BENEFITS

- Promotes photobiological processes in plants
- Promotes plant growth



**TECHNICAL DATA**

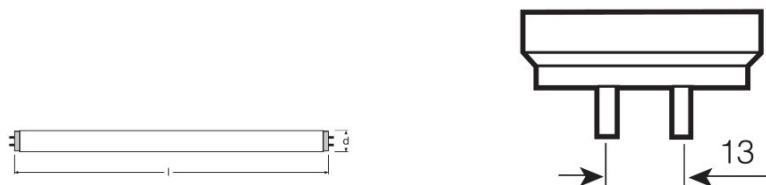
Electrical data

Nominal wattage	36.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	36.00 W

Photometrical data

Rated lamp efficacy (standard condition)	39 lm/W
Rated luminous flux	1400 lm
Luminous flux at 25 °C	1400 lm
Light color	77
Nominal luminous flux	1400 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

Dimensions & weight



G13  
IEC 7004-51  
DIN 49653 T1

Tube diameter	26 mm
Length	1200 mm
Length with base excl. base pins/connection	1200.00 mm
Diameter	26.0 mm
Maximum diameter	26.0 mm

Temperatures & operating conditions

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

<b>Service life</b>	10000 h
<b>Lifespan</b>	20000 h <sup>1)</sup>
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.99
<b>Rated lamp survival factor at 8,000 h</b>	0.99
<b>Rated lamp survival factor at 12,000 h</b>	0.99
<b>Rated lamp survival factor at 16,000 h</b>	0.90
<b>Rated lamp survival factor at 20,000 h</b>	0.50
<b>Operation mode LLMF/LSF</b>	HF
<b>Rated lamp life time</b>	20000 h
<b>Nominal lamp life time</b>	20000 h

<sup>1)</sup> With preheat ECG

## Additional product data

<b>Base (standard designation)</b>	G13
<b>Mercury content</b>	4.5 mg
<b>Show WEEE picto</b>	Yes

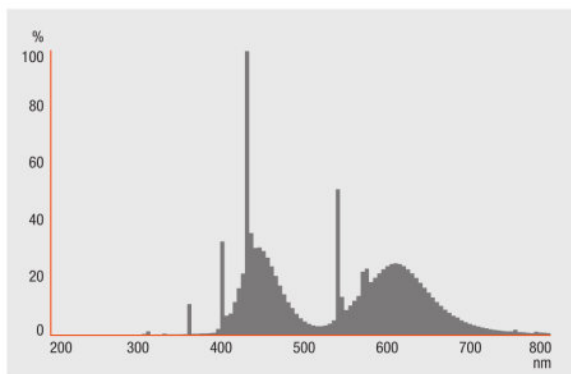
## Capabilities

<b>Suitable for indoor</b>	Yes
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## Certificates &amp; standards

<b>Energy efficiency class</b>	B
<b>Energy consumption</b>	44 kWh/1000h

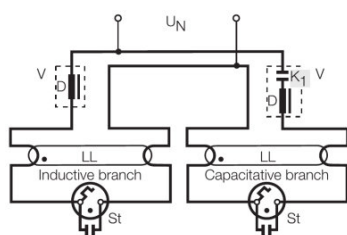
## Light Distribution



Spectral power distribution

## SAFETY ADVICE

In case of lamp breakage: [www.ledvance.com/brokenlamp](http://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
4050300003184	L 36 W/77	Shipping carton box 10	1244 mm x 64 mm x 150 mm	11.94 dm <sup>3</sup>	1965.00 g

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4050300325774	L 36 W/77	Shipping carton box 10	1287 mm x 60 mm x 177 mm	13.67 dm <sup>3</sup>	2857.00 g
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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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#### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.