

## L 36 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



# Product datasheet

## Technical data

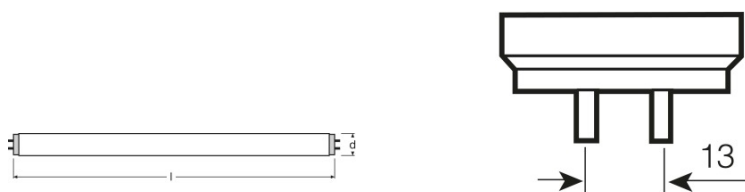
### Electrical data

Nominal wattage	36.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	39 lm/W
Rated wattage	36.00 W
Rated luminous flux	1400 lm

### Photometrical data

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

# Product datasheet

## Temperatures & operating conditions

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

Service life	10000 h
Lifespan	20000 h <sup>1)</sup>
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

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

## Additional product data

Base (standard designation)	G13
Lamp mercury content	4.5 mg
Appropriate disposal acc. to WEEE	Yes

## Capabilities

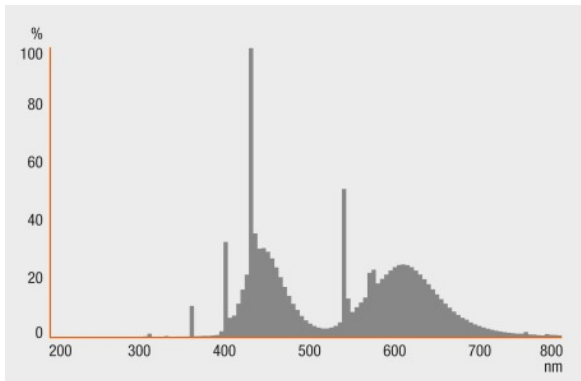
Suitable for indoor	Yes
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## Certificates & standards

Energy efficiency class	B
Energy consumption	44 kWh/1000h

## Light Distribution

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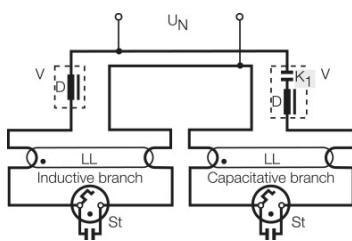
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## Spectral power distribution

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### Safety advice

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



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## Circuit diagram

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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## Product datasheet

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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
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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### References / Links

For more information on QUICKTRONIC electronic control gear go to

▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

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### Disclaimer

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