

# PRODUCT DATASHEET

## DULUX T PLUS 18 W/827

OSRAM DULUX T PLUS | CFLni, 3 tubes, with 2-pin base for CCG operation



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### AREAS OF APPLICATION

- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants
- Industrial lighting

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### PRODUCT BENEFITS

- Very economical
- Good quality of light
- Excellent luminous flux
- Long service life
- Improved maintenance

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### PRODUCT FEATURES

- Average life: 10,000 h
- Color rendering index  $R_a \geq 80$
- Short and compact pin-base lamp with triple-turn tubes
- Single-ended two-pin plug-in GX24d base



**TECHNICAL DATA**

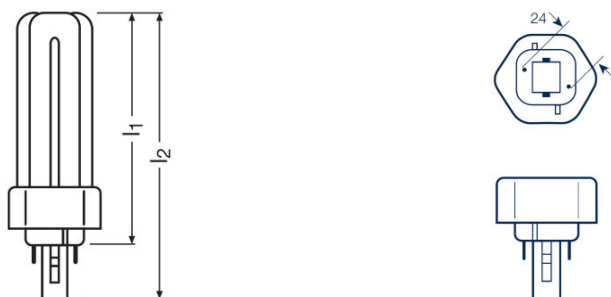
Electrical data

Nominal voltage	100 V
Rated wattage	18.00 W
Nominal wattage	18.00 W

Photometrical data

Nominal luminous flux	1200 lm
Luminous flux at 25 °C	1200 lm
Rated luminous flux	1200 lm
Rated color temperature	2700 K
Color rendering index Ra	≥80
Rated LLMF at 2,000 h	0.85
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75
Light color (designation)	LUMILUX INTERNA
Color temperature	2700 K
Luminous flux	1200 lm
Color rendering index Ra	≥80

Dimensions & weight



Diameter	12.0 mm
Overall length	122.0 mm
Length	124.0 mm
Length acc. to IEC standard	110 mm
Length with base excl. base pins/connection	101.00 mm
Outer bulb	T12

## Lifespan

Nominal lamp life time	10000 h
Rated lamp life time	10000 h
Service life	6500 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	0.95
Rated lamp survival factor at 8,000 h	0.81
Operation mode LLMF/LSF	50 Hz
Lifespan	10000 h <sup>1)</sup>

<sup>1)</sup> With CCG/LLCG

## Additional product data

Base (standard designation)	GX24d-2
Mercury content	1.7 mg
Product remark	Suitable only for operation with 0.22 A control gear

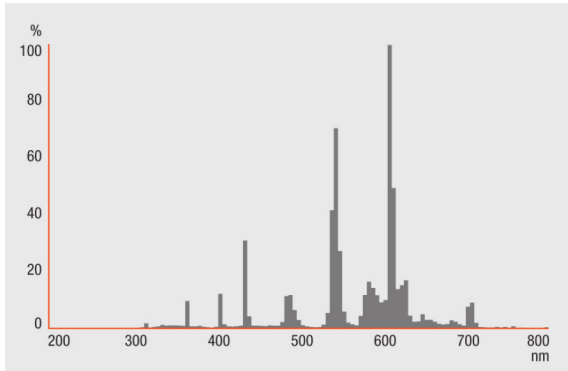
## Certificates &amp; standards

Energy consumption	23 kWh/1000h
Energy efficiency class	B

## Country-specific categorizations

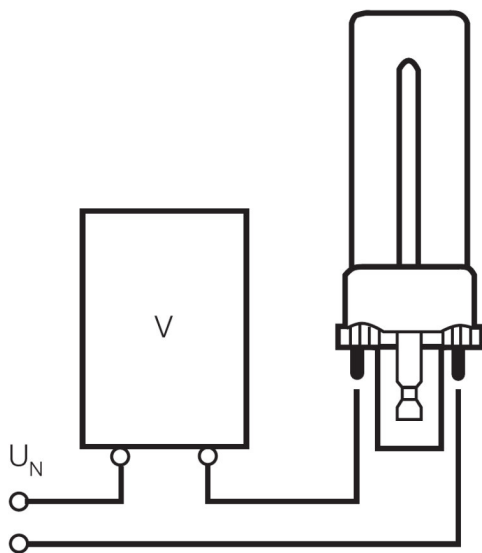
ILCOS	FSM-18/827-I-GX24d-2
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## Light Distribution



Spectral power distribution

## Wiring Diagram



Wiring diagram

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**EQUIPMENT / ACCESSORIES**

- Suitable for operation on conventional control gear
- Suitable for 0.22 A control gear only (DULUX T 18 W PLUS)

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**SAFETY ADVICE**

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

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300333502	Folding carton box 1	127 mm x 45 mm x 48 mm	75.00 g	0.27 dm <sup>3</sup>
4050300333519	Shipping carton box 10	240 mm x 128 mm x 123 mm	832.00 g	3.78 dm <sup>3</sup>

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.