

# PRODUCT DATASHEET

## DULUX T PLUS 13 W/830

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**

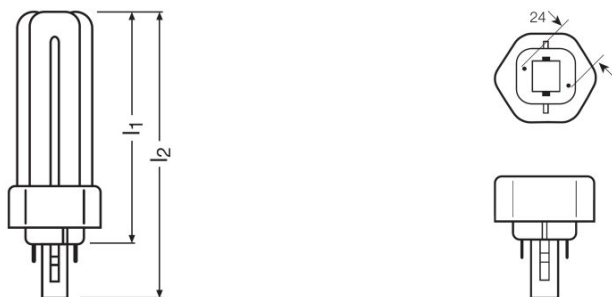
Electrical data

<b>Rated wattage</b>	13.00 W
<b>Nominal wattage</b>	13.00 W

Photometrical data

<b>Nominal luminous flux</b>	900 lm
<b>Luminous flux at 25 °C</b>	900 lm
<b>Rated luminous flux</b>	900 lm
<b>Rated color temperature</b>	3000 K
<b>Color rendering index Ra</b>	≥80
<b>Rated LLMF at 2,000 h</b>	0.85
<b>Rated LLMF at 4,000 h</b>	0.78
<b>Rated LLMF at 6,000 h</b>	0.76
<b>Rated LLMF at 8,000 h</b>	0.75
<b>Light color (designation)</b>	LUMILUX Warm White
<b>Color temperature</b>	3000 K
<b>Luminous flux</b>	900 lm
<b>Color rendering index Ra</b>	≥80

— **Dimensions & weight**



<b>Diameter</b>	11.0 mm
<b>Overall length</b>	111.0 mm
<b>Length</b>	113.0 mm
<b>Length acc. to IEC standard</b>	90 mm
<b>Length with base excl. base pins/connection</b>	90.00 mm
<b>Outer bulb</b>	T12
<b>Maximum diameter</b>	12.0 mm

## Lifespan

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

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

## Additional product data

<b>Base (standard designation)</b>	GX24d-1
<b>Mercury content</b>	1.7 mg

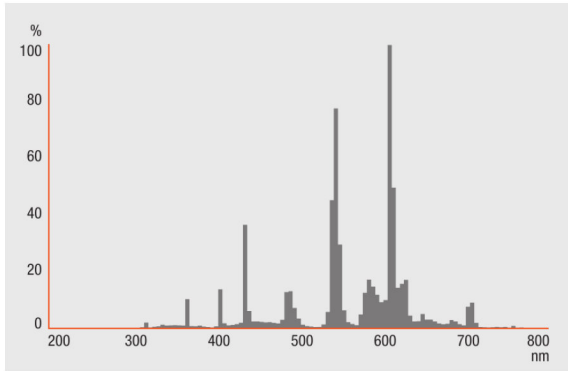
## Certificates &amp; standards

<b>Energy consumption</b>	17 kWh/1000h
<b>Energy efficiency class</b>	A

## Country-specific categorizations

<b>ILCOS</b>	FSM-13/830-I-GX24d-1
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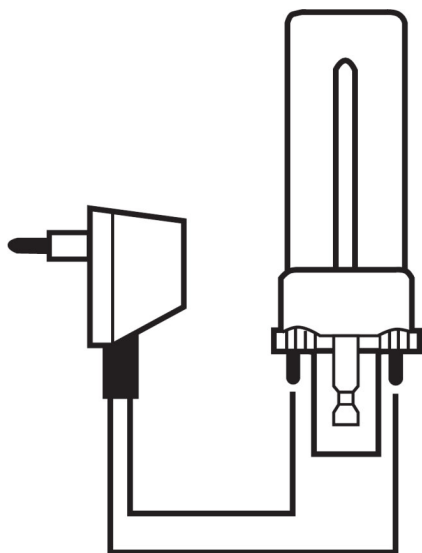
## Light Distribution



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Spectral power distribution

## Wiring Diagram



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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
4050300446929	Folding carton box 1	121 mm x 46 mm x 49 mm	64.00 g	0.27 dm <sup>3</sup>
4050300446936	Shipping carton box 10	256 mm x 139 mm x 104 mm	710.00 g	3.70 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.