

# PRODUCT DATASHEET

## DULUX D 13 W/830

OSRAM DULUX D | CFLni, 2 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
- Industry

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### PRODUCT BENEFITS

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

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### PRODUCT FEATURES

- Color rendering index  $R_a : \geq 80$
- Short and compact pin-base lamp with double-turn tubes
- Single-ended two-pin plug-in G24d base



**TECHNICAL DATA**

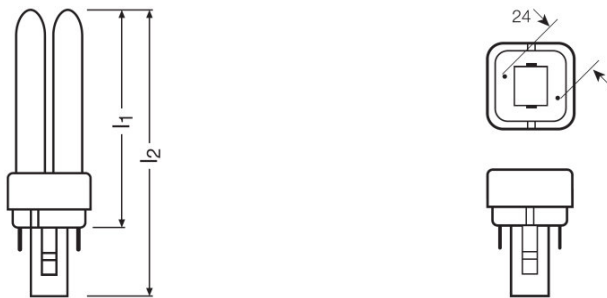
Electrical data

<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>	136.0 mm
<b>Length</b>	138.0 mm
<b>Length acc. to IEC standard</b>	130 mm
<b>Length with base excl. base pins/connection</b>	115.00 mm
<b>Outer bulb</b>	T11
<b>Maximum diameter</b>	11.0 mm

## 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)	G24d-1
Mercury content	1.3 mg

## Capabilities

Dimmable	No
Suitable for indoor	Yes

## Certificates &amp; standards

Energy consumption	17 kWh/1000h
Energy efficiency class	A

## Country-specific categorizations

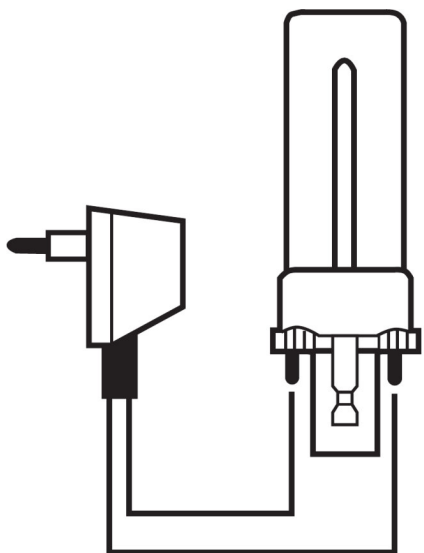
ILCOS	FSQ-13/830-I-G24d-1
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Light Distribution

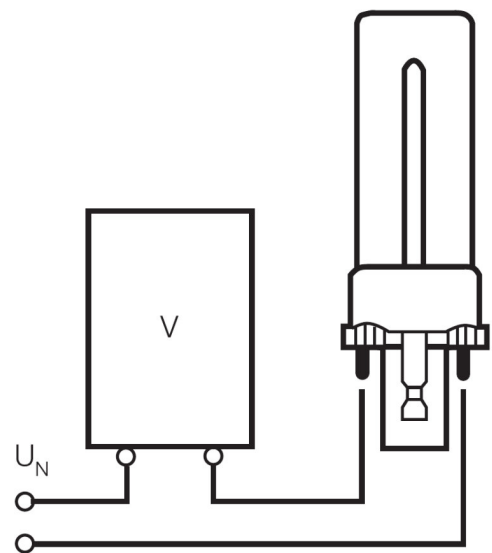


Spectral power distribution

Wiring Diagram



Wiring diagram



Wiring diagram

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**EQUIPMENT / ACCESSORIES**

- Suitable for operation on conventional control gear

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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
4050300025698	Folding carton box 1	148 mm x 36 mm x 36 mm	52.00 g	0.19 dm <sup>3</sup>
4050300257969	Shipping carton box 10	162 mm x 160 mm x 110 mm	566.50 g	2.85 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.