

PRODUCT DATASHEET

DULUX D 13 W/830

OSRAM DULUX D | CFLni, 2 tubes, with 2-pin base for CCG operation



AREAS OF APPLICATION

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

PRODUCT BENEFITS

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

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

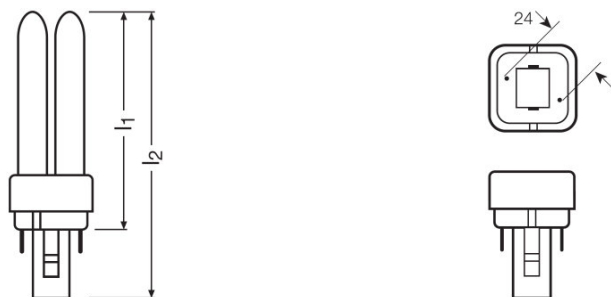
Electrical data

Rated wattage	13.00 W
Nominal wattage	13.00 W

Photometrical data

Nominal luminous flux	900 lm
Luminous flux at 25 °C	900 lm
Rated luminous flux	900 lm
Rated color temperature	3000 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 Warm White
Color temperature	3000 K
Luminous flux	900 lm
Color rendering index Ra	≥80

— **Dimensions & weight**



Diameter	11.0 mm
Overall length	136.0 mm
Length	138.0 mm
Length acc. to IEC standard	130 mm
Length with base excl. base pins/connection	115.00 mm
Outer bulb	T11
Maximum diameter	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 ¹⁾

¹⁾ With CCG/LLCG

Additional product data

Base (standard designation)	G24d-1
Mercury content	1.3 mg

Capabilities

Dimmable	No
Suitable for indoor	Yes

Certificates & standards

Energy consumption	17 kWh/1000h
Energy efficiency class	A

Country-specific categorizations

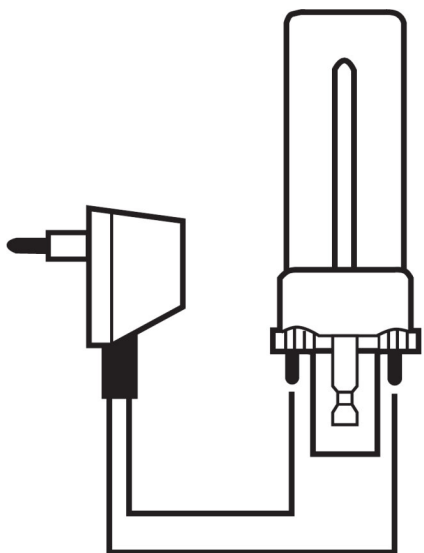
ILCOS	FSQ-13/830-I-G24d-1
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Light Distribution

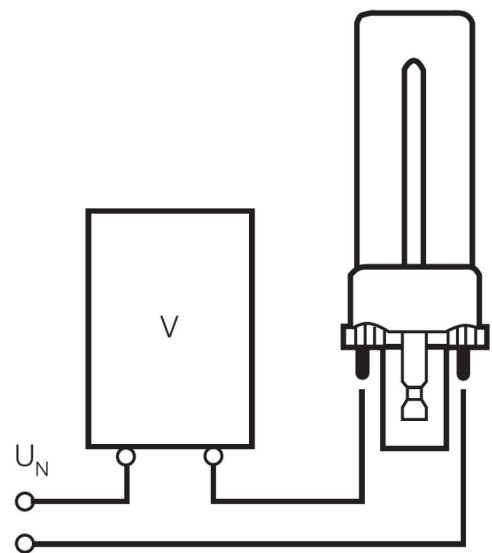


Spectral power distribution

Wiring Diagram



Wiring diagram



Wiring diagram

EQUIPMENT / ACCESSORIES

- Suitable for operation on conventional control gear

SAFETY ADVICE

In case of lamp breakage: www.ledvance.com/brokenlamp

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 ³
4050300257969	Shipping carton box 10	162 mm x 160 mm x 110 mm	566.50 g	2.85 dm ³

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.

DISCLAIMER

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