

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

- Average life: 10,000 h
- Color rendering index R_a : 80...89
- Short and compact pin-base lamp with double-turn tubes
- Single-ended two-pin plug-in G24d base



Product datasheet

Technical data

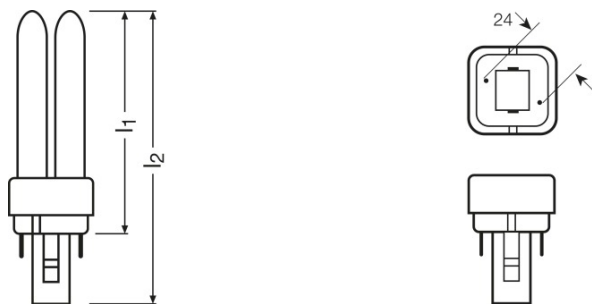
Electrical data

Nominal wattage	13.0 W
Rated wattage	13.00 W

Photometrical data

Nominal luminous flux	900 lm
Rated luminous flux	900 lm
Color temperature	3000 K
Light color	830
Light color as per EN 12464-1	LUMILUX Warm White
Luminous flux at 25 °C	900 lm
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75
Luminance	4 cd/cm ²
Color rendering group	1B

Dimensions & weight



Overall length	138.0 mm
Product weight	44.00 g
Tube diameter	12 mm
Length	138.0 mm
Length acc. to IEC standard	130 mm
Length with base excl. base pins/connection	115.00 mm

Temperatures

Rated ambient temp.w.max.luminous flux	25.0 °C
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Product datasheet

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	0.98
Rated lamp survival factor at 4,000 h	0.98
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
Lamp mercury content	1.4 mg
Appropriate disposal acc. to WEEE	Yes

Capabilities

Suitable for indoor	Yes
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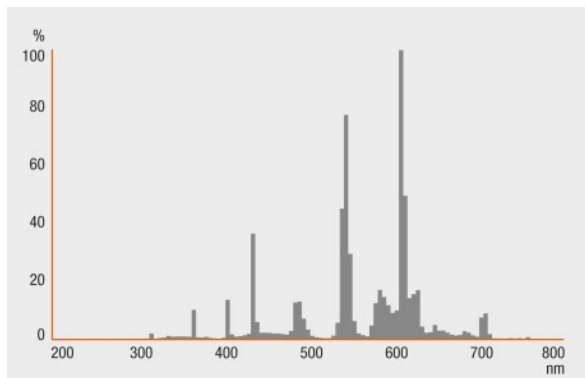
Certificates & standards

Energy efficiency class	A
Energy consumption	17 kWh/1000h

Country specific categorizations

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



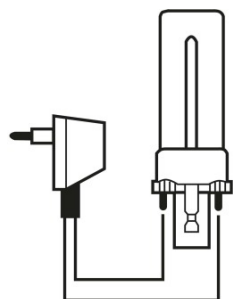
Spectral power distribution

Equipment / Accessories

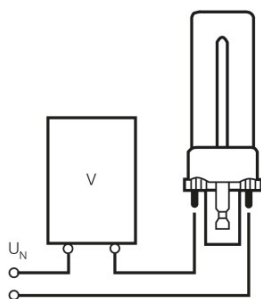
- Suitable for operation on conventional control gear

Safety advice

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



Circuit diagram



Circuit diagram

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300025698	DULUX D 13 W/830	Shipping carton box 10	162 mm x 160 mm x 110 mm	2.85 dm ³	566.50 g
4050300025698	DULUX D 13 W/830	Shipping carton box 50	366 mm x 162 mm x 186 mm	11.03 dm ³	3587.00 g

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.