Product datasheet

OSRAM OSRAM

DULUX D 13 W/840

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

- Extremly 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
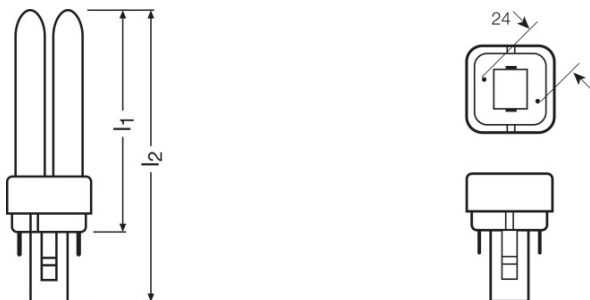
Product datasheet

Electrical data

Nominal wattage	13.00 W
Rated wattage	13.00 W

Photometrical data

Nominal luminous flux	900 lm
Rated luminous flux	900 lm
Color temperature	4000 K
Light color	840
Light color as per EN 12464-1	LUMILUX Cool White
Color rendering index Ra	80...89
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/cm²
Color rendering group	1B

Dimensions & weight

Overall length	138.0 mm
Product weight	40.00 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

Product datasheet

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

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

Certificates & standards

Energy efficiency class	A
Energy consumption	17 kWh/1000h

Country specific categorizations

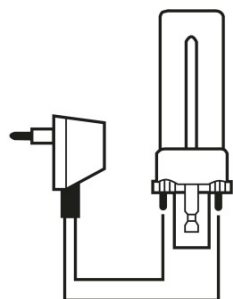|	
ILCOS	FSQ-13/840-I-G24d-1

Light Distribution
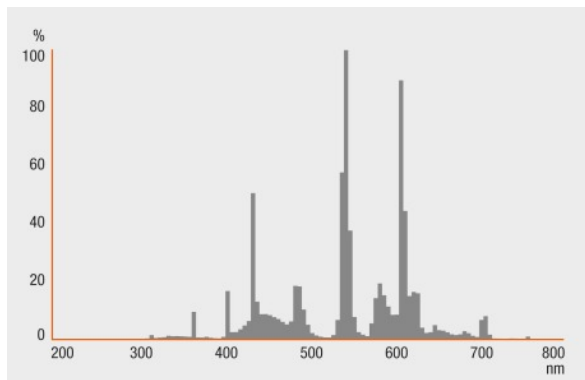
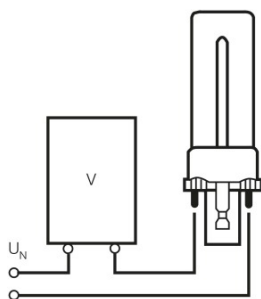Spectral power distribution

Equipment / Accessories

– Suitable for operation on conventional control gear

Safety advice

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

Circuit diagram

Circuit diagram

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300010625	DULUX D 13 W/840	Shipping carton box 10	187 mm x 161 mm x 84 mm	2.53 dm³	583.00 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.

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