

## PRODUCT DATASHEET 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

- Improved maintenance

### Product features

- Good color rendering index
- Short and compact pin-base lamp with double-turn tubes
- Single-ended two-pin plug-in G24d base



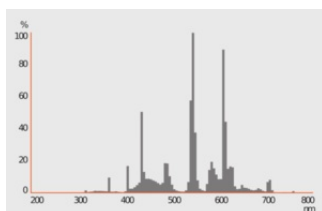
## TECHNICAL DATA

### Electrical data

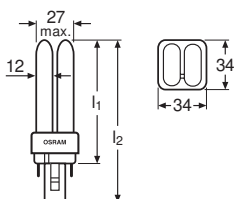
Nominal wattage	13 W
Construction wattage	13.90 W
Nominal voltage	91 V
Nominal current	0.18 A

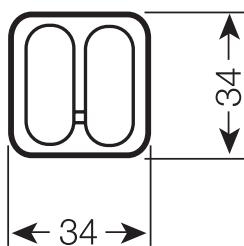
### Photometrical data

Luminous flux	870 lm
Luminous efficacy	63 lm/W
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Color rendering index Ra	≥ 80
Light color	840
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



### Dimensions & Weight





Overall length	138.00 mm
Length with base excl. base pins/connection	115,00 mm
Diameter	12.00 mm
Tube diameter	12 mm
Product weight	37.5 g

### Temperatures & operating conditions

Ambient temperature range	-5...+40 °C
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### Lifespan

Lifespan	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
Lifespan B50	10000 h

### Additional product data

Base (standard designation)	G24d-1
Mercury content	1.6 mg

### Capabilities

Dimmable	No
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### Certificates & Standards

Energy efficiency class	G
Energy consumption	14.00 kWh/1000h

### Country-specific categorizations

ILCOS	FSQ-13/840-I-G24d-1
Order reference	DULUX D 13W/840

**Energy labelling regulation data acc EU 2019/2015**

Lighting technology used	CFLNI
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	G24d-1
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	138.00 mm
Height	12.00 mm
Width	12.00 mm
Chromaticity coordinate x	0,380
Chromaticity coordinate y	0,380
Beam angle correspondence	SPHERE_360
EPREL ID	546429
Model number	AC34204


**EQUIPMENT / ACCESSORIES**

- Suitable for operation on conventional control gear

**Safety advice**

- In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)

**DOWNLOAD DATA**

Documents and certificates	
	Declarations Of Conformity CE

**Documents and certificates**

Certificates

**Photometric and lighting design files**

Spectral power distribution

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300010625	Folding box 1	35 mm x 35 mm x 145 mm	52.00 g	0.18 dm <sup>3</sup>
4052899239494	Bundle 10			
4050300241005	Shipping box 10	187 mm x 81 mm x 163 mm	583.00 g	2.47 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.

**DISCLAIMER**

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