

# PRODUCT DATASHEET

## DULUX D/E 13 W/840 G24Q-1

OSRAM DULUX D/E | CFLni, 2 tubes, with 4-pin base for ECG 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
- OSRAM System+ Guarantee in combination with OSRAM QUICKTRONIC ECG

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### PRODUCT FEATURES

- Average life: 20,000 h (with QUICKTRONIC)
- Color rendering index  $R_a$ : 80...89
- Dimmable (3...100 %)
- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in G24q base
- Operates on battery, solar and AC power with suitable electronic control gear



**TECHNICAL DATA**

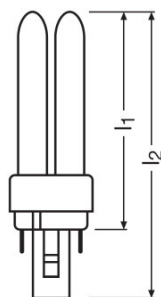
Electrical data

Nominal wattage	13.00 W
Nominal voltage	91 V
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	13.00 W

Photometrical data

Nominal luminous flux	900 lm
Light color (designation)	LUMILUX Cool White
Luminous flux at 25 °C	900 lm
Rated luminous flux	900 lm
Rated color temperature	4000 K
Color rendering index Ra	≥80
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.84
Rated LLMF at 6,000 h	0.83
Rated LLMF at 8,000 h	0.81
Color temperature	4000 K
Luminous flux	900 lm
Color rendering index Ra	≥80

Dimensions & weight



Diameter	12.0 mm
Overall length	129.0 mm
Length	131.0 mm
Length acc. to IEC standard	130 mm
Length with base excl. base pins/connection	115.00 mm
Outer bulb	T12

<b>Maximum diameter</b>	11.0 mm
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### Lifespan

<b>Nominal lamp life time</b>	10000 h
<b>Rated lamp life time</b>	10000 h
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.95
<b>Rated lamp survival factor at 8,000 h</b>	0.81
<b>Operation mode LLMF/LSF</b>	HF
<b>Lifespan</b>	20000 h <sup>1)</sup>

<sup>1)</sup> With preheat ECG

### Additional product data

<b>Base (standard designation)</b>	G24q-1
<b>Mercury content</b>	5.0 mg

### Capabilities

<b>Suitable for indoor</b>	Yes
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### Certificates & standards

<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	15 kWh/1000h
<b>Energy efficiency class</b>	A

### Country-specific categorizations

<b>ILCOS</b>	FSQ-13/40/1B-E-G24q-1
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## EQUIPMENT / ACCESSORIES

– Suitable for operation on electronic control gear

## SAFETY ADVICE

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

## LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321830357	DULUX D/E 13 W/840 G24Q-1	Shipping carton box 10	187 mm x 81 mm x 163 mm	2.47 dm <sup>3</sup>	720.00 g

4050300193397	DULUX D/E 13 W/840 G24Q-1	Shipping carton box 50	368 mm x 184 mm x 159 mm	10.77 dm <sup>3</sup>	3500.00 g
4050300924250	DULUX D/E 13 W/840 G24Q-1	Shipping carton box 100	396 mm x 396 mm x 171 mm	26.82 dm <sup>3</sup>	6139.00 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.

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#### DISCLAIMER

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