# 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

- 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







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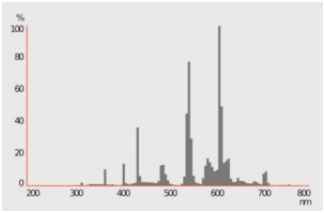
## TECHNICAL DATA

### Electrical data

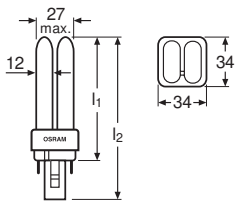
| | |
|---|---|
| Nominal wattage | 13 W |
| Construction wattage | 13.90 W |
| Nominal voltage | 91 V |
| Nominal current | 0.18 A |

### Photometrical data

| | |
|---|---|
| Luminous flux | 870 lm |
| Luminous efficacy | 63 lm/W |
| Light color (designation) | LUMILUX Warm White |
| Color temperature | 3000 K |
| Color rendering index Ra | ≥80 |
| Light color | 830 |
| 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 |

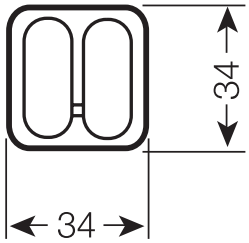



### Dimensions & Weight





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| | |
|---|---|
| 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 |

## 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 | 0.99 |
| Rated lamp survival factor at 6,000 | 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 |

## Certificates & Standards

| | |
|---|---|
| Energy efficiency class | G |
| Energy consumption | 14.00 kWh/1000h |

## Country-specific categorizations


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| | |
|---|---|
| ILCOS | FSQ-13/830-I-G24d-1 |
| Order reference | DULUX D 13W/830 |

## 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 | 0,440 |
| Chromaticity coordinate y | 0,403 |
| Beam angle correspondence | SPHERE_360 |
| EPREL ID | 546428 |
| Model number | AC34203,AC34203 |

## EQUIPMENT / ACCESSORIES

- Suitable for operation on conventional control gear

## Safety advice

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

## DOWNLOAD DATA

| | DOWNLOAD DATA |
|---|---|
| PDF | Certificates |


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| | DOWNLOAD DATA |
|---|---|
| PDF | Certificates |
| PDF | Declarations of conformity |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4050300025698 | Folding box<br>1 | 148 mm x 36 mm x 36 mm | 52.00 g | 0.19 $dm^3$ |
| 4050300257969 | Shipping box<br>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

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