# PRODUCT DATASHEET
# DULUX D/E 18 W/865

OSRAM DULUX® D/E | CFLni, 2 tubes, with 4-pin base for ECG 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
- Dimmable (3…100 %)
- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in G24q base







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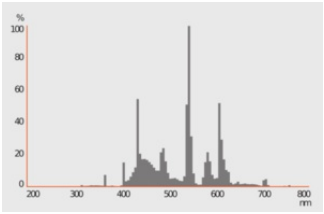
## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 18 W |
| Construction wattage | 18.70 W |
| Nominal voltage | 100 V |
| Nominal current | 0.22 A |

### Photometrical data

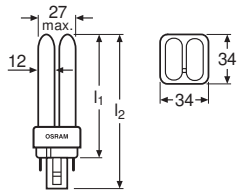
| | |
|---|---|
| Luminous flux | 1100 lm |
| Luminous efficacy | 59 lm/W |
| Light color (designation) | LUMILUX Cool Daylight |
| Color temperature | 6500 K |
| Color rendering index Ra | ≥80 |
| Light color | 865 |
| Rated LLMF at 2,000 h | 0.81 |
| Rated LLMF at 4,000 h | 0.76 |
| Rated LLMF at 6,000 h | 0.74 |
| Rated LLMF at 8,000 h | 0.73 |
| Rated LLMF at 12,000 h | 0.71 |
| Rated LLMF at 16,000 h | 0.70 |
| Rated LLMF at 20,000 h | 0.70 |




349641_FL_865

### Dimensions & Weight


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| | |
|---|---|
| Overall length | 146.00 mm |
| Length with base excl. base pins/connection | 130,00 mm |
| Diameter | 12 mm |
| Tube diameter | 12 mm |
| Product weight | 37.5 g |

## Temperatures & operating conditions

| | |
|---|---|
| Ambient temperature range | -5…+40 °C |

## Lifespan

| | |
|---|---|
| Service life | 13000 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 | 0.99 |
| Rated lamp survival factor at 8,000 h | 0.99 |
| Rated lamp survival factor at 12,000 h | 0.95 |
| Rated lamp survival factor at 16,000 | 0.81 |
| Rated lamp survival factor at 20,000 h | 0.50 |
| Lifespan B50 | 20000 h |

## Additional product data

| | |
|---|---|
| Base (standard designation) | G24q-2 |
| Mercury content | 1.6 mg |

## Capabilities

| | |
|---|---|
| Dimmable | Yes |

## Certificates & Standards

| | |
|---|---|
| Energy efficiency class | G |


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| | |
|---|---|
| Energy consumption | 19.00 kWh/1000h |

## Country-specific categorizations

| | |
|---|---|
| ILCOS | FSQH-18/865-/P/-G24q-2 |
| Order reference | DULUX D/E 18W/8 |

## 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) | G24q-2 |
| 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 | 146.00 mm |
| Height | 12 mm |
| Width | 12 mm |
| Chromaticity coordinate x | 0,313 |
| Chromaticity coordinate y | 0,337 |
| Beam angle correspondence | SPHERE_360 |
| EPREL ID | 546448 |
| Model number | AC34223 |

## EQUIPMENT / ACCESSORIES

– Suitable for operation on electronic control gear

## Safety advice

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

## DOWNLOAD DATA


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| | Documents and certificates | Document name |
|---|---|---|
| PDF | Declarations Of Conformity CE | EC Declaration of Conformity - 2021 9C1-4077878-EN-00 - DULUX D |
| PDF | Certificates | EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin |
| PDF | Certificates | EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin |

| | Photometric and lighting design files | Document name |
|---|---|---|
| | Spectral power distribution | 349641_FL_865 |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4050300564944 | Folding box<br>1 | 36 mm x 36 mm x 160 mm | 56.00 g | 0.21 $dm^3$ |
| 4050300564951 | Shipping box<br>10 | 187 mm x 81 mm x 175 mm | 549.00 g | 2.65 $dm^3$ |

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.

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