

## DULUX D 13 W/865

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

- Extremely 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



Technical data

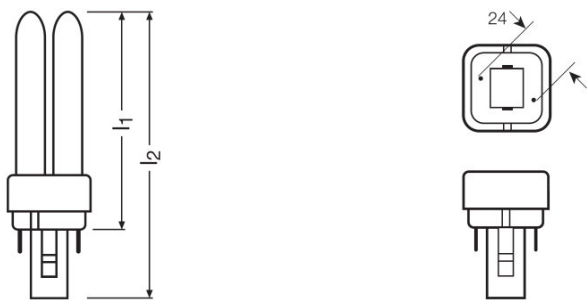
Electrical data

|                 |         |
|-----------------|---------|
| Nominal wattage | 13.00 W |
| Nominal voltage | 91.0 V  |
| Rated wattage   | 13.00 W |

Photometrical data

|                           |                       |
|---------------------------|-----------------------|
| Nominal luminous flux     | 855 lm                |
| Light color (designation) | LUMILUX Cool Daylight |
| Luminous flux at          | 855 lm                |
| Rated luminous flux       | 855 lm                |
| Rated color temperature   | 6500 K                |
| Color rendering index Ra  | 80...89               |

Dimensions & weight



|                                             |           |
|---------------------------------------------|-----------|
| Diameter                                    | 12.0 mm   |
| Overall length                              | 140.5 mm  |
| Length                                      | 138.0 mm  |
| Length acc. to IEC standard                 | 130 mm    |
| Length with base excl. base pins/connection | 115.00 mm |
| Outer bulb                                  | T11       |

Lifespan

|                        |                       |
|------------------------|-----------------------|
| Nominal lamp life time | 10000 h               |
| Rated lamp life time   | 10000 h               |
| Service life           | 6500 h                |
| Lifespan               | 10000 h <sup>1)</sup> |

<sup>1)</sup> With CCG/LLCG

Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | G24d-1 |
| Mercury content             | 2.5 mg |

Capabilities

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

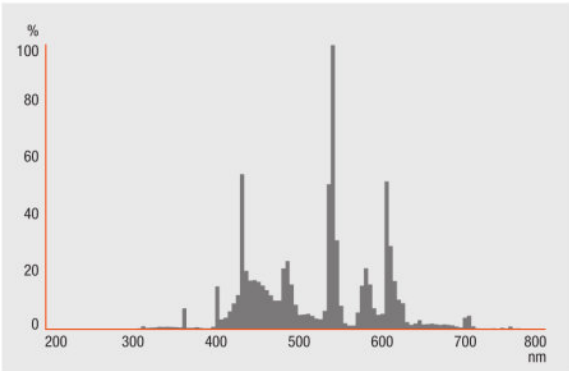
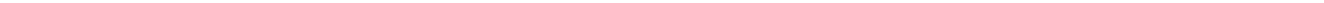
Certificates & standards

|                         |              |
|-------------------------|--------------|
| Energy efficiency class | A            |
| Energy consumption      | 17 kWh/1000h |

Country specific categorizations

|       |                     |
|-------|---------------------|
| ILCOS | FSQ-13/865-I-G24d-1 |
|-------|---------------------|

Light Distribution



Spectral power distribution

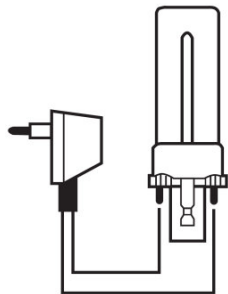
Equipment / Accessories

- Suitable for operation on conventional control gear

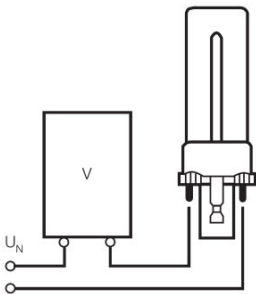
Product datasheet

Safety advice

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



Circuit diagram



Circuit diagram

Logistical Data

| Product code  | Product description | Packaging unit<br>(Pieces/Unit)                        | Dimensions (length<br>x width x height) | Volume               | Gross weight |
|---------------|---------------------|--------------------------------------------------------|-----------------------------------------|----------------------|--------------|
| 4050300487106 | DULUX D 13 W/865    | Shipping carton box<br>10 Pieces Folding<br>carton box | 139 mm x 159 mm x<br>200 mm             | 4.42 dm <sup>3</sup> | 566.50 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.