

PRODUCT DATASHEET

DULUX D 18 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

- Extremely economical
- Good quality of light
- Excellent luminous flux
- Long service life
- Improved maintenance

PRODUCT FEATURES

- Color rendering index $R_a : \geq 80$
- Short and compact pin-base lamp with double-turn tubes
- Single-ended two-pin plug-in G24d base



TECHNICAL DATA

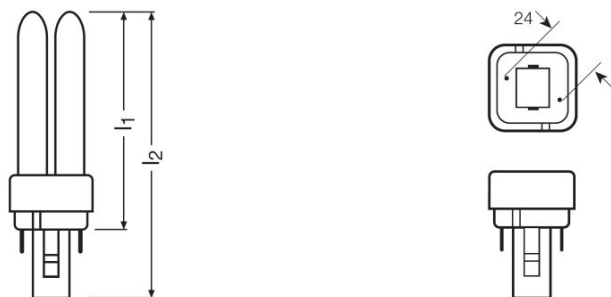
Electrical data

| | |
|------------------------|---------|
| Rated wattage | 18.00 W |
| Nominal wattage | 18.00 W |

Photometrical data

| | |
|----------------------------------|--------------------|
| Nominal luminous flux | 1200 lm |
| Luminous flux at 25 °C | 1200 lm |
| Rated luminous flux | 1200 lm |
| Rated color temperature | 3000 K |
| Color rendering index Ra | ≥80 |
| 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 |
| Light color (designation) | LUMILUX Warm White |
| Color temperature | 3000 K |
| Luminous flux | 1200 lm |
| Color rendering index Ra | ≥80 |

— **Dimensions & weight**



| | |
|----------------------------------------------------|-----------|
| Diameter | 11.0 mm |
| Overall length | 151.0 mm |
| Length | 153.0 mm |
| Length acc. to IEC standard | 140 mm |
| Length with base excl. base pins/connection | 130.00 mm |
| Outer bulb | T11 |
| Maximum diameter | 11.0 mm |

Lifespan

| | |
|---------------------------------------|-----------------------|
| Nominal lamp life time | 10000 h |
| Rated lamp life time | 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 |
| Operation mode LLMF/LSF | 50 Hz |
| Lifespan | 10000 h ¹⁾ |

¹⁾ With CCG/LLCG

Additional product data

| | |
|-----------------------------|------------------------------------------------------|
| Base (standard designation) | G24d-2 |
| Mercury content | 1.3 mg |
| Product remark | Suitable only for operation with 0.22 A control gear |

Capabilities

| | |
|---------------------|-----|
| Dimmable | No |
| Suitable for indoor | Yes |

Certificates & standards

| | |
|-------------------------|--------------|
| Energy consumption | 23 kWh/1000h |
| Energy efficiency class | B |

Country-specific categorizations

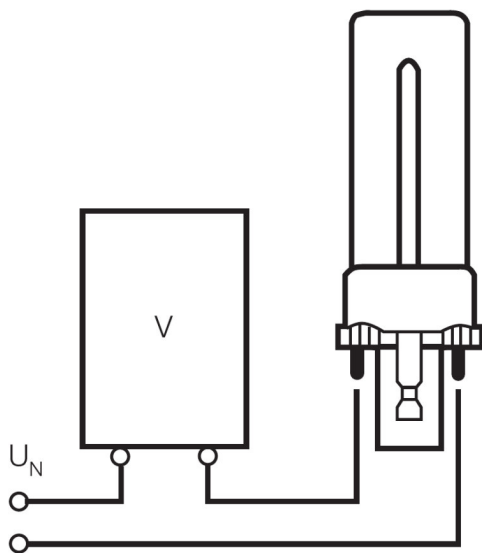
| | |
|-------|---------------------|
| ILCOS | FSQ-18/830-I-G24d-2 |
|-------|---------------------|

Light Distribution



Spectral power distribution

Wiring Diagram



Wiring diagram

EQUIPMENT / ACCESSORIES

- Suitable for operation on conventional control gear

SAFETY ADVICE

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

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300025704 | Folding carton box 1 | 160 mm x 36 mm x 36 mm | 57.00 g | 0.21 dm ³ |
| 4050300257976 | Shipping carton box 10 | 153 mm x 174 mm x 119 mm | 645.00 g | 3.17 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

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