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## DULUX D 18 W/827

OSRAM DULUX D | CFLni, 2 tubes, with 2-pin base for CCG 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

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### 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



# Product datasheet

## Technical data

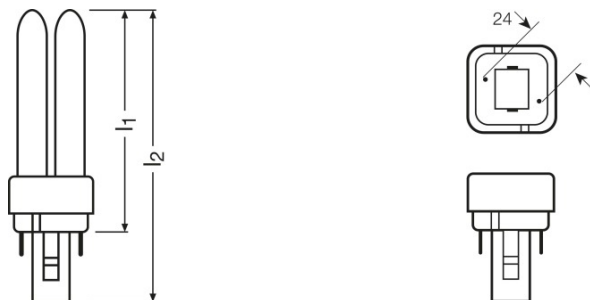
### Electrical data

Nominal wattage	18.00 W
Rated wattage	18.00 W

### Photometrical data

Nominal luminous flux	1200 lm
Rated luminous flux	1200 lm
Color temperature	2700 K
Light color	827
Light color as per EN 12464-1	LUMILUX INTERNA
Color rendering index Ra	80...89
Luminous flux at 25 °C	1200 lm
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75
Luminance	4.5 cd/cm <sup>2</sup>
Color rendering group	1B

### Dimensions & weight



Overall length	153.0 mm
Product weight	47.00 g
Tube diameter	12 mm
Length	153.0 mm
Length acc. to IEC standard	140 mm
Length with base excl. base pins/connection	130.00 mm

### Temperatures

## Product datasheet

Rated ambient temp.w.max.luminous flux	25.0 °C
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### 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	0.98
Rated lamp survival factor at 4,000 h	0.98
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 <sup>1)</sup>

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

### Additional product data

Base (standard designation)	G24d-2
Lamp mercury content	1.4 mg
Appropriate disposal acc. to WEEE	Yes
Product remark	Suitable only for operation with 0.22 A control gear

### Capabilities

Suitable for indoor	Yes
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### Certificates & standards

Energy efficiency class	A
Energy consumption	23 kWh/1000h

### Country specific categorizations

ILCOS	FSQ-18/827-I-G24d-2
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## Light Distribution

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## Spectral power distribution

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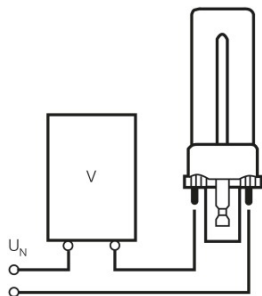
### Equipment / Accessories

- Suitable for operation on conventional control gear

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### Safety advice

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



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## Circuit diagram

## Product datasheet

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300011462	DULUX D 18 W/827	Shipping carton box 10	140 mm x 162 mm x 140 mm	3.18 dm <sup>3</sup>	657.00 g

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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.