

PRODUCT DATASHEET

DULUX D 18 W/827

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

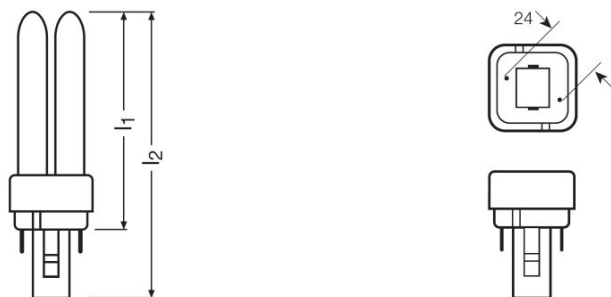
Electrical data

Nominal wattage	18.00 W
Rated wattage	18.00 W

Photometrical data

Nominal luminous flux	1200 lm
Light color (designation)	LUMILUX INTERNA
Luminous flux at 25 °C	1200 lm
Rated luminous flux	1200 lm
Rated color temperature	2700 K
Color rendering index Ra	80...89
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
Color temperature	2700 K
Luminous flux	1200 lm
Color rendering index Ra	80...89

— 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

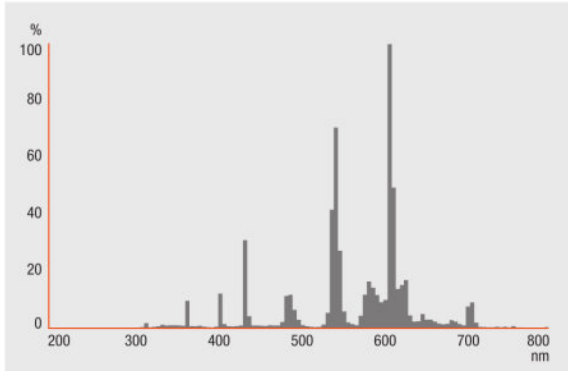
Certificates & standards

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

Country-specific categorizations

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



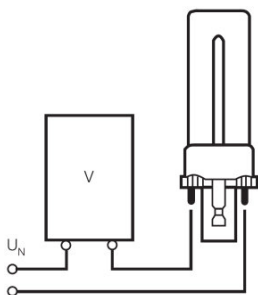
Spectral power distribution

EQUIPMENT / ACCESSORIES

- Suitable for operation on conventional control gear

SAFETY ADVICE

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



Circuit diagram

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 ³	657.00 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.