

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

- Improved maintenance

Product features

- Good color rendering index
- Short and compact pin-base lamp with double-turn tubes
- Single-ended two-pin plug-in G24d base



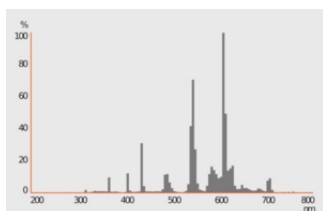
TECHNICAL DATA

Electrical data

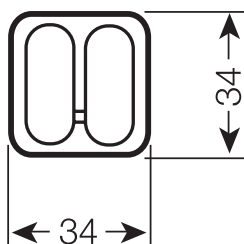
Nominal wattage	18 W
Construction wattage	18.80 W
Nominal voltage	100 V
Nominal current	0.22 A

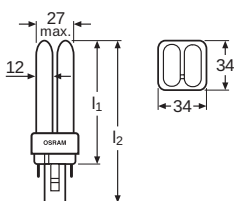
Photometrical data

Luminous flux	1200 lm
Luminous efficacy	64 lm/W
Light color (designation)	LUMILUX INTERNA
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
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



Dimensions & Weight





Overall length	153.00 mm
Length with base excl. base pins/connection	130,00 mm
Diameter	12.00 mm
Tube diameter	12 mm
Product weight	39.00 g

Temperatures & operating conditions

Ambient temperature range	-5...+40 °C
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Lifespan

Nominal 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	0.99
Rated lamp survival factor at 6,000	0.95
Rated lamp survival factor at 8,000 h	0.81
Lifespan B50	10000 h

Additional product data

Base (standard designation)	G24d-2
Mercury content	1.6 mg
Product remark	Suitable only for operation with 0.22 A control gear

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	G
Energy consumption	19.00 kWh/1000h

Country-specific categorizations

ILCOS	FSQ-18/827-I-G24d-2
Order reference	DULUX D 18W/827

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)	G24d-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	153.00 mm
Height	12.00 mm
Width	12.00 mm
Chromaticity coordinate x	0,455
Chromaticity coordinate y	0,415
Beam angle	SPHERE_360
EPREL ID	546433,546433
Model number	AC34208,AC34208


EQUIPMENT / ACCESSORIES

- Suitable for operation on conventional control gear

Safety advice

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

DOWNLOAD DATA

DOWNLOAD DATA	
	Certificates EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin

DOWNLOAD DATA



Certificates
EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin



Declarations of conformity
EC Declaration of Conformity - 2021 9C1-4077878-EN-00 - DULUX D

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300011462	Folding box 1	160 mm x 36 mm x 36 mm	58.20 g	0.21 dm ³
4050300242767	Shipping box 10	140 mm x 162 mm x 140 mm	657.00 g	3.18 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.