PRODUCT DATASHEET
DULUX D 18 W/840

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

– Extremly 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	4000 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 Cool White
Color temperature	4000 K
Luminous flux	1200 lm
Color rendering index Ra	≥80

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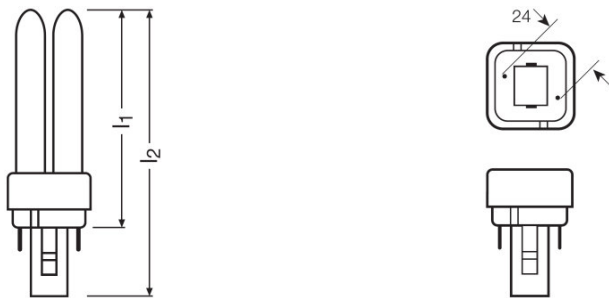
Diameter	11.0 mm
Overall length	151.0 mm
Length	153.0 mm
Length acc. to IEC standard	140 mm
Length with base excl. base pins/connection	130.00 mm
Outer bulb	T11
Maximum diameter	11.0 mm

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-18/840-I-G24d-2

Light Distribution

Spectral power distribution

Wiring Diagram
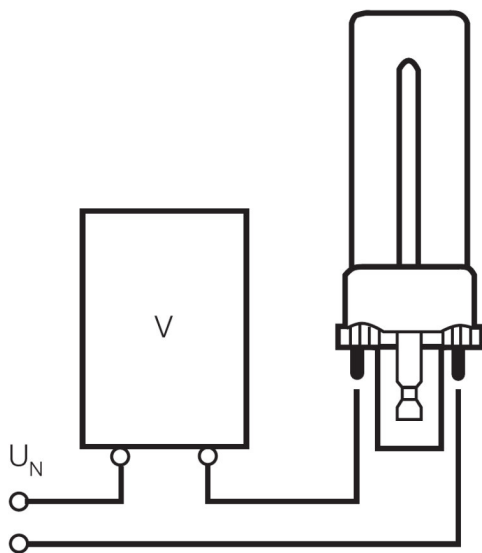
Wiring diagram

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
4050300012056	Folding carton box 1	161 mm x 36 mm x 36 mm	56.00 g	0.21 dm³
4050300245409	Shipping carton box 10	186 mm x 163 mm x 110 mm	609.00 g	3.33 dm³

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.

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