PRODUCT DATASHEET
DULUX F 18 W/840 2G10

OSRAM DULUX® F | Flat CFLni, 2 tubes, with 4-pin base for ECG/CCG operation



Areas of application

- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants
- Industry

Product benefits

- Extremely low profile

Product features

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in 2G10 base
- Good color rendering index





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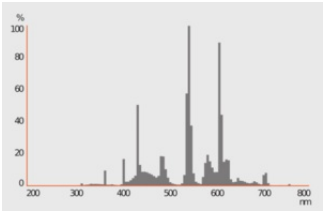
TECHNICAL DATA

Electrical data

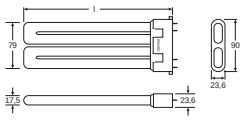
Nominal wattage	18 W
Construction wattage	17.90 W
Nominal voltage	58 V
Nominal current	0.38 A

Photometrical data

Luminous flux	1100 lm
Luminous efficacy	61 lm/W
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.83
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.77



Dimensions & Weight



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Overall length	128.00 mm
Length with base excl. base pins/connection	121,0 mm
Diameter	16.20 mm
Tube diameter	17,5 mm
Product weight	69.15 g

Temperatures & operating conditions

Ambient temperature range	-5…+40 °C

Lifespan

Nominal lamp life time	13000 h
Service life	9000 h [1)]
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	0.99
Rated lamp survival factor at 8,000 h	0.95
Rated lamp survival factor at 12,000 h	0.64
Lifespan B50	13000 h

1) With preheat ECG

Additional product data

Base (standard designation)	2G10
Mercury content	2.5 mg

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	G
Energy consumption	18.00 kWh/1000h

Country-specific categorizations

ILCOS	FSD-18/840-E-2G10-90/122
Order reference	DULUX F 18W/840

Energy labellling regulation data acc EU 2019/2015

Lighting technology used	CFLNI

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Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	2G10
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	128.00 mm
Height	16.20 mm
Width	16.20 mm
Chromaticity coordinate x	0,380
Chromaticity coordinate y	0,380
Beam angle	SPHERE_360
EPREL ID	546525
Model number	AC34299

EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic and conventional control gear

Safety advice

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

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Certificates EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin
PDF	Certificates EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin
PDF	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4077916-EN-00 - DULUX F

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300333526	Folding box 1	145 mm x 25 mm x 86 mm	95.40 g	0.31 dm^3
4050300333533	Shipping box 10	280 mm x 105 mm x 150 mm	1066.00 g	4.41 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.

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