

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





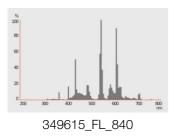
TECHNICAL DATA

Electrical data

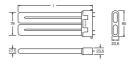
Nominal wattage	18 W
Construction wattage	17.90 W
Nominal voltage	58 V
Nominal current	0.38 A

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



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	
emperatures & operating conditions		
Ambient temperature range	-5+40 °C	
ifespan		
Service life	9000 h ¹⁾	
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	0.99	
Rated lamp survival factor at 8,000 h	0.95	
Rated lamp survival factor at 12,000 h	0.64	
Lifespan B50	0.64 13000 h	
Lifespan B50) With preheat ECG Additional product data	13000 h	
Lifespan B50) With preheat ECG Additional product data Base (standard designation)	13000 h	
Lifespan B50) With preheat ECG Additional product data	13000 h	
Lifespan B50) With preheat ECG Additional product data Base (standard designation) Mercury content	13000 h	
Lifespan B50) With preheat ECG Additional product data Base (standard designation) Mercury content Capabilities	13000 h 2G10 2.5 mg	
Lifespan B50 With preheat ECG Additional product data Base (standard designation) Mercury content Capabilities Dimmable	13000 h 2G10 2.5 mg	
Lifespan B50 With preheat ECG Additional product data Base (standard designation) Mercury content Capabilities Dimmable Certificates & Standards Energy efficiency class	13000 h 2G10 2.5 mg Yes	
Lifespan B50 With preheat ECG Additional product data Base (standard designation) Mercury content Capabilities Dimmable Certificates & Standards	13000 h 2G10 2.5 mg Yes	
Lifespan B50) With preheat ECG Additional product data Base (standard designation) Mercury content Capabilities Dimmable Certificates & Standards Energy efficiency class Energy consumption	13000 h 2G10 2.5 mg Yes	

CFLNI

NDLS

Lighting technology used

Non-directional or directional

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 correspondence	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

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

Photometric and lighting design files	Document name
Spectral power distribution	349615_FL_840

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300333526	Folding box 1	86 mm x 27 mm x 138 mm	95.40 g	0.32 dm ³
4050300333533	Shipping box 10	280 mm x 100 mm x 150 mm	1066.00 g	4.20 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.