PRODUCT DATASHEET
DULUX D/E 18 W/830

OSRAM DULUX® D/E | CFLni, 2 tubes, with 4-pin base for ECG 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
- Dimmable (3…100 %)
- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in G24q base





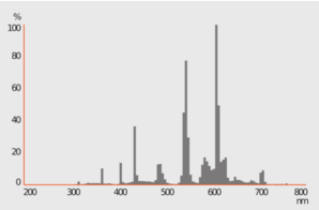
TECHNICAL DATA

Electrical data

Nominal wattage	18 W
Construction wattage	18.70 W
Nominal voltage	100 V
Nominal current	0.22 A

Photometrical data

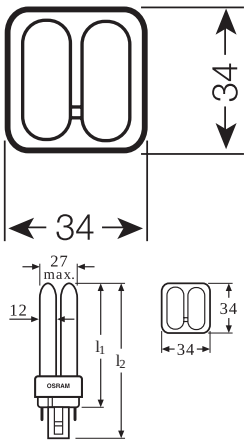
Luminous flux	1200 lm
Luminous efficacy	64 lm/W
Light color (designation)	LUMILUX Warm White
Color temperature	3000 K
Color rendering index Ra	≥80
Light color	830
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.84
Rated LLMF at 6,000 h	0.82
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.78



349617_FL_830

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Dimensions & Weight



Overall length	146.00 mm
Length with base excl. base pins/connection	130,00 mm
Diameter	12.0 mm
Tube diameter	12 mm
Product weight	37.5 g

Temperatures & operating conditions

Ambient temperature range	-5…+40 °C

Lifespan

Service life	13000 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	0.99
Rated lamp survival factor at 8,000 h	0.98
Rated lamp survival factor at 12,000 h	0.95
Rated lamp survival factor at 16,000	0.81
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h

Additional product data

Base (standard designation)	G24q-2
Mercury content	1.6 mg

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Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	G
Energy consumption	19.00 kWh/1000h

Country-specific categorizations

ILCOS	FSQH-18/830-/P/-G24q-2
Order reference	DULUX D/E 18W/8

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)	G24q-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	146.00 mm
Height	12.0 mm
Width	12.0 mm
Chromaticity coordinate x	0,440
Chromaticity coordinate y	0,403
Beam angle correspondence	SPHERE_360
EPREL ID	546445
Model number	AC34220

EQUIPMENT / ACCESSORIES

– Suitable for operation on electronic control gear

Safety advice

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

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DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077878-EN-00 - DULUX D
PDF	Certificates	EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin
PDF	Certificates	EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin

	Photometric and lighting design files	Document name
	Spectral power distribution	349617_FL_830

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300327211	Folding box 1	36 mm x 36 mm x 160 mm	50.00 g	0.21 dm^3
4050300327228	Shipping box 10	187 mm x 81 mm x 175 mm	606.50 g	2.65 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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