

# PRODUCT DATASHEET DULUX D/E 13 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





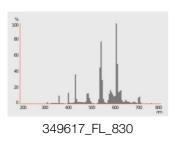
## TECHNICAL DATA

## Electrical data

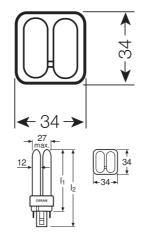
Nominal wattage	13 W
Construction wattage	13.70 W
Nominal voltage	91 V
Nominal current	0.18 A

## Photometrical data

Luminous flux	870 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	0.83
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	0.77



Dimensions & Weight



Overall length	131.00 mm
Length with base excl. base pins/connection	115,00 mm
Diameter	12 mm
Tube diameter	12 mm
Product weight	35.00 g

# Temperatures & operating conditions

Ambient temperature range	-5+40 °C
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## 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	0.99
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-1	
Mercury content	1.6 mg	

# Capabilities

Dimmable	Yes	
Certificates & Standards		
Energy efficiency class	G	
Energy consumption	14.00 kWh/1000h	
Country-specific categorizations		
ILCOS	FSQH-13/830-/P/-G24q-1	
Order reference	DULUX D/E 13W/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-1	
Connected light source (CLS)	No	
Color-tuneable light source	No	
Envelope	No	

No

No

No

SINGLE\_VALUE

131.00 mm

12 mm

12 mm 0,440

0,403

546443

AC34218

SPHERE\_360

#### **EQUIPMENT / ACCESSORIES**

High luminance light source

Claim of equivalent power

Chromaticity coordinate x

Chromaticity coordinate y

Beam angle correspondence

Correlated colour temperature type

Anti-glare shield

Length

Height

Width

EPREL ID

Model number

- Suitable for operation on electronic control gear

## Safety advice

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

## 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
4050300389059	Folding box 1	35 mm x 35 mm x 145 mm	48.00 g	0.18 dm <sup>3</sup>
4050300389066	Shipping box 10	187 mm x 81 mm x 163 mm	543.00 g	2.47 dm <sup>3</sup>

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.