

# PRODUCT DATASHEET DULUX D/E 18 W/827

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





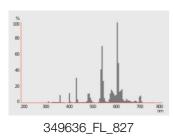
## TECHNICAL DATA

## Electrical data

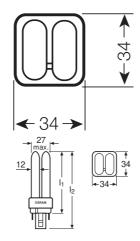
Nominal wattage	18 W
Construction wattage	18.70 W
Nominal voltage	100 V
Nominal current	0.22 A

## Photometrical data

Luminous flux	1200 lm
Luminous efficacy	64 lm/W
Light color (designation)	LUMILUX INTERNA
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
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	146.00 mm
Length with base excl. base pins/connection	130,00 mm
Diameter	12 mm
Tube diameter	12 mm
Product weight	37.5 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-2
Mercury content	1.6 mg

# Capabilities

Dimmable	Yes	
Certificates & Standards		
Energy efficiency class	G	
Energy consumption	19.00 kWh/1000h	
Country-specific categorizations		
ILCOS	FSQH-18/827-/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 mm	
Width	12 mm	

0,455

0,415

546447

AC34222

SPHERE\_360

### **EQUIPMENT / ACCESSORIES**

Chromaticity coordinate x

Chromaticity coordinate y

Beam angle correspondence

- Suitable for operation on electronic control gear

# Safety advice

EPREL ID

Model number

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

## DOWNLOAD DATA

Declarations of conformity		Documents and certificates	Document name	
	PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077878-EN-00 - DULUX D	
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	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	349636_FL_827

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300012148	Folding box	36 mm x 36 mm x 160 mm	55.57 g	0.21 dm³
4050300325996	Shipping box 10	187 mm x 81 mm x 175 mm	609.17 g	2.65 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.