OSRAM

DULUX D 13 W/827

OSRAM DULUX D | CFLni, 2 tubes, with 2-pin base for CCG operation

Areas of application

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

Product benefits

- Extremly economical
- Good quality of light
- Excellent luminous flux
- Long service life
- Improved maintenance

Product features

- Average life: 10,000 h
- Color rendering index R_a: 80...89
- Short and compact pin-base lamp with double-turn tubes
- Single-ended two-pin plug-in G24d base

Product datasheet

Technical data

Electrical data

Nominal wattage	13.00 W
Rated wattage	13.00 W
Energy consumption	17 kWh/1000h

Photometrical data

Nominal luminous flux	900 lm
Rated luminous flux	900 lm
Color temperature	2700 K
Light color	827
Light color as per EN 12464-1	LUMILUX INTERNA
Color rendering index Ra	80...89
Luminous flux at 25 °C	900 lm
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75
Luminance	4 cd/cm²
Color rendering group	1B

Dimensions & weight
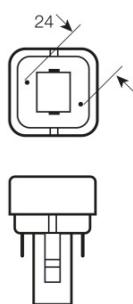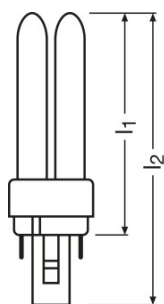
Product line drawing

Base

Overall length	138.0 mm
Product weight	40.00 g
Tube diameter	12 mm
Length	138.0 mm

Product datasheet

Length acc. to IEC standard	130 mm
Length with base excl. base pins/connection	115.00 mm

Colors & materials

Lamp mercury content	1.4 mg

Temperatures

Rated ambient temp.w.max.luminous flux	25.0 °C

Lifespan

Nominal lamp life time	10000 h
Rated lamp life time	10000 h
Service life	6500 h
Rated lamp survival factor at 2,000 h	0.98
Rated lamp survival factor at 4,000 h	0.98
Rated lamp survival factor at 6,000 h	0.95
Rated lamp survival factor at 8,000 h	0.81
Operation mode LLMF/LSF	50 Hz
Lifespan	10000 h [1]

[1] With CCG/LLCG

Additional product data

Product datasheet
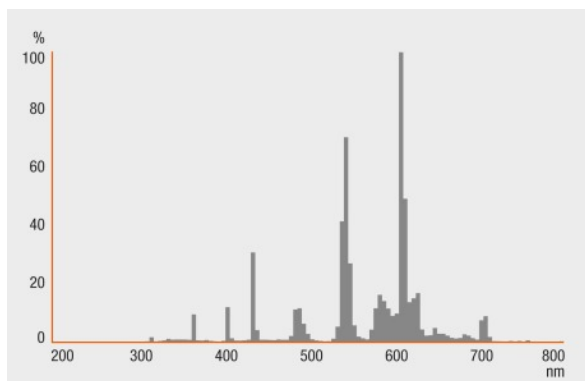
Spectral power distribution

Base (standard designation)	G24d-1
Appropriate disposal acc. to WEEE	Yes

Capabilities

Suitable for indoor	Yes

Certificates & standards

Energy efficiency class	A

Country specific categorizations

ILCOS	FSQ-13/827-I-G24d-1

Country specific information

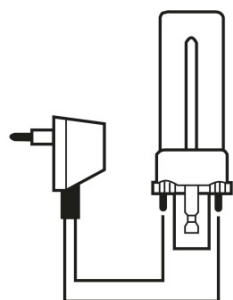| Product code	METEL code	SEG number	STK number	UK Org
4050300008127	OSRDD13827	8330128	4933873	-

Product datasheet

Equipment / Accessories

• Suitable for operation on conventional control gear

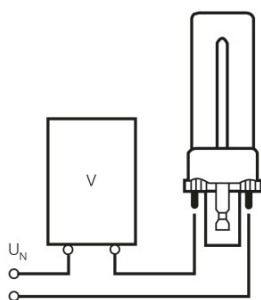## Safety advice

In case of lamp breakage: www.osram.com/brokenlamp

Circuit diagram

Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300008127	DULUX D 13 W/827	Folding carton box 1	39 mm x 35 mm x 145 mm	0.20 dm³	52.00 g
4050300238487	DULUX D 13 W/827	Shipping carton box 10	121 mm x 158 mm x 153 mm	2.93 dm³	583.00 g

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.

Product datasheet

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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