

## DULUX S 7 W/827

OSRAM DULUX S | Short CFLni, with 2-pin base for CCG operation



### Areas of application

- Ideal for cost-effective creative illumination and decoration
- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants

### Product benefits

- Extremely economical
- Good quality of light
- Extremely low profile
- Long service life
- Improved maintenance

### Product features

- Average life: 10,000 h
- Color rendering index  $R_a$  for lamps with white light: 80...89
- Also available in red, green and blue
- Short and compact pin-base lamps with single-turn tubes
- Single-ended two-pin plug-in G23 base



# Product datasheet

## Technical data

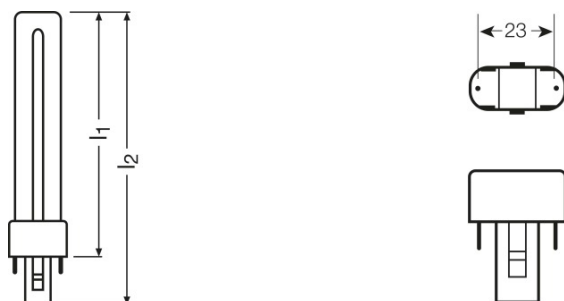
### Electrical data

Nominal wattage	7.00 W
Rated wattage	7.10 W
Rated luminous flux	402 lm

### Photometrical data

Nominal luminous flux	400 lm
Light color (designation)	LUMILUX INTERNA
Luminous flux at 25 °C	400 lm
Color temperature	2700 K
Color rendering index Ra	≥80
Rated LLMF at 2,000 h	0.85
Rated LLMF at 4,000 h	0.80
Rated LLMF at 6,000 h	0.77
Rated LLMF at 8,000 h	0.75

### Dimensions & weight



Overall length	135.0 mm
Length	137.0 mm
Length acc. to IEC standard	115 mm
Length with base excl. base pins/connection	114.00 mm
Outer bulb	T12
Maximum diameter	12.0 mm

### Lifespan

Nominal lamp life time	10000 h
Rated lamp life time	10000 h

## Product datasheet

Service life	6500 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	0.95
Rated lamp survival factor at 8,000 h	0.81
Operation mode LLMF/LSF	50 Hz
Lifespan	10000 h <sup>1)</sup>

<sup>1)</sup> With CCG/LLCG

### Additional product data

Base (standard designation)	G23
Lamp mercury content	1.3 mg

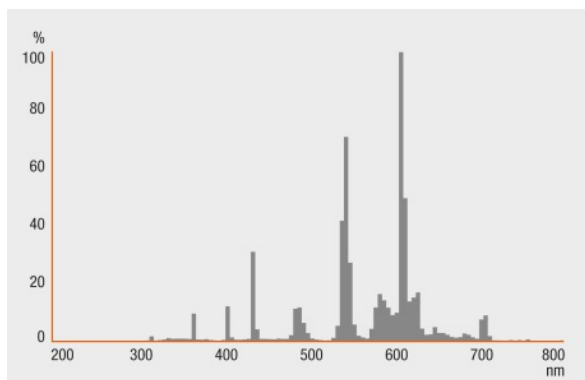
### Certificates & standards

Energy efficiency class	B
Energy consumption	10 kWh/1000h

### Country specific categorizations

ILCOS	FSD-7/827-I-G23
-------	-----------------

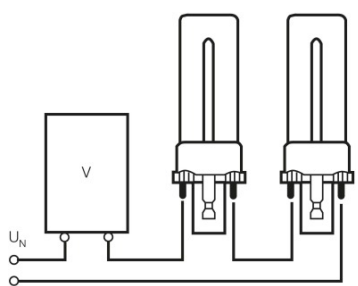
**Light Distribution**



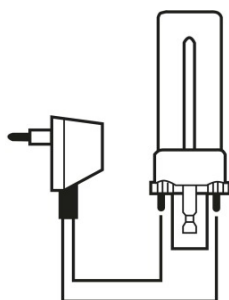
Spectral power distribution

**Equipment / Accessories**

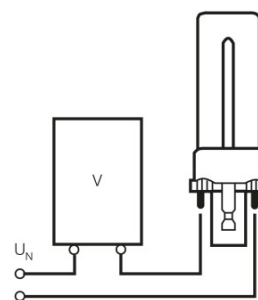
- Suitable for operation on conventional control gear



Circuit diagram



Circuit diagram



Circuit diagram

**Logistical Data**

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
--------------	---------------------	------------------------------	--------------------------------------	--------	--------------

## Product datasheet

---

4050300005997	DULUX S 7 W/827	Shipping carton box 10	134 mm x 126 mm x 100 mm	1.69 dm <sup>3</sup>	347.00 g
4050300006086	DULUX S 7 W/827	Shipping carton box 10	156 mm x 209 mm x 121 mm	3.95 dm <sup>3</sup>	440.00 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.

---

### Disclaimer

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