

# PRODUCT DATASHEET

## DULUX S 11 W/827

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



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### AREAS OF APPLICATION

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

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### PRODUCT BENEFITS

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

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### 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



**TECHNICAL DATA**

Electrical data

<b>Nominal wattage</b>	11.00 W
<b>Rated wattage</b>	11.80 W

Photometrical data

<b>Nominal luminous flux</b>	900 lm
<b>Light color (designation)</b>	LUMILUX INTERNA
<b>Luminous flux at 25 °C</b>	900 lm
<b>Rated luminous flux</b>	900 lm
<b>Rated color temperature</b>	2700 K
<b>Color rendering index Ra</b>	≥80
<b>Rated LLMF at 2,000 h</b>	0.85
<b>Rated LLMF at 4,000 h</b>	0.80
<b>Rated LLMF at 6,000 h</b>	0.77
<b>Rated LLMF at 8,000 h</b>	0.75

Dimensions & weight



<b>Overall length</b>	235.0 mm
<b>Length</b>	237.0 mm
<b>Length acc. to IEC standard</b>	215 mm
<b>Length with base excl. base pins/connection</b>	214.00 mm
<b>Outer bulb</b>	T12
<b>Maximum diameter</b>	12.0 mm

Lifespan

<b>Nominal lamp life time</b>	10000 h
<b>Rated lamp life time</b>	10000 h
<b>Service life</b>	6500 h

<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.95
<b>Rated lamp survival factor at 8,000 h</b>	0.81
<b>Operation mode LLMF/LSF</b>	50 Hz
<b>Lifespan</b>	10000 h <sup>1)</sup>

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

Additional product data

<b>Base (standard designation)</b>	G23
<b>Mercury content</b>	1.3 mg

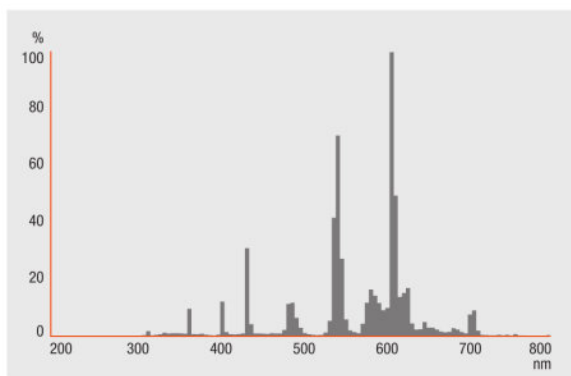
Certificates & standards

<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	15 kWh/1000h

Country specific categorizations

<b>ILCOS</b>	FSD-11/827-I-G23
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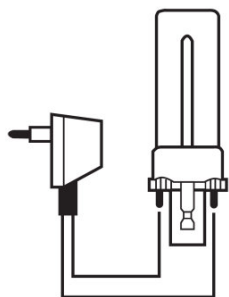
Light Distribution



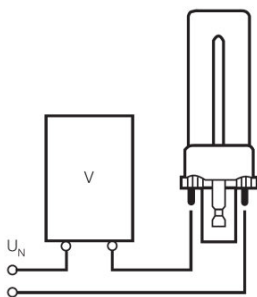
Spectral power distribution

EQUIPMENT / ACCESSORIES

- Suitable for operation on conventional control gear



Circuit diagram



Circuit diagram

**LOGISTICAL DATA**

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300006017	DULUX S 11 W/827	Shipping carton box 10	251 mm x 125 mm x 109 mm	3.42 dm <sup>3</sup>	535.00 g
4050300006109	DULUX S 11 W/827	Shipping carton box 10	387 mm x 101 mm x 121 mm	4.73 dm <sup>3</sup>	662.00 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.