

# PRODUCT DATASHEET

## DULUX S 5 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

Nominal wattage	5.00 W
Rated wattage	5.40 W

Photometrical data

Nominal luminous flux	257 lm
Light color (designation)	LUMILUX INTERNA
Luminous flux at 25 °C	250 lm
Rated luminous flux	257 lm
Rated 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
Color temperature	2700 K
Luminous flux	257 lm
Color rendering index Ra	≥80

— Dimensions & weight



Overall length	106.0 mm
Length	108.0 mm
Length acc. to IEC standard	85 mm
Length with base excl. base pins/connection	85.00 mm
Outer bulb	T12
Maximum diameter	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

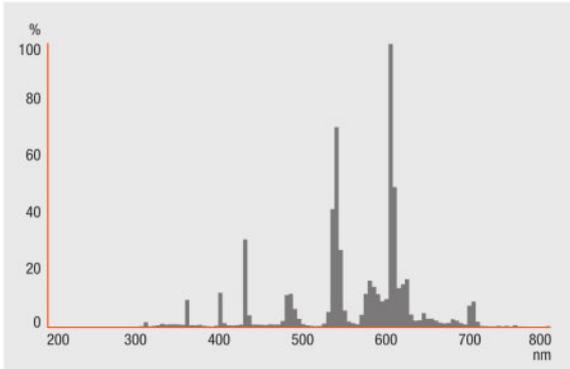
#### Certificates & standards

<b>Energy efficiency class</b>	B
<b>Energy consumption</b>	8 kWh/1000h
<b>Energy efficiency class</b>	B

#### Country-specific categorizations

<b>ILCOS</b>	FSD-5/827-I-G23
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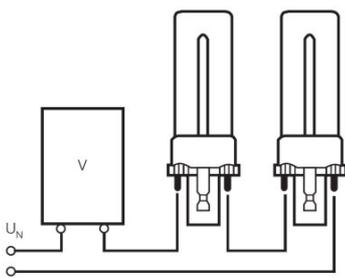
Light Distribution



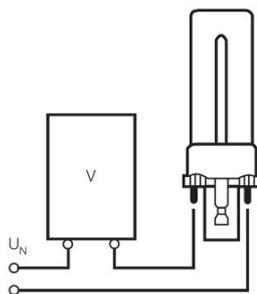
Spectral power distribution

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
4050300006130	DULUX S 5 W/827	Shipping carton box 10	96 mm x 125 mm x 111 mm	1.33 dm <sup>3</sup>	299.00 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.

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**DISCLAIMER**

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