

# PRODUCT DATASHEET

## DULUX S 9 W/840

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	9.00 W
Rated wattage	8.70 W

Photometrical data

Nominal luminous flux	600 lm
Light color (designation)	LUMILUX Cool White
Luminous flux at 25 °C	600 lm
Rated luminous flux	600 lm
Rated color temperature	4000 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	4000 K
Luminous flux	600 lm
Color rendering index Ra	≥80

— Dimensions & weight



Overall length	165.0 mm
Length	167.0 mm
Length acc. to IEC standard	145 mm
Length with base excl. base pins/connection	144.00 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

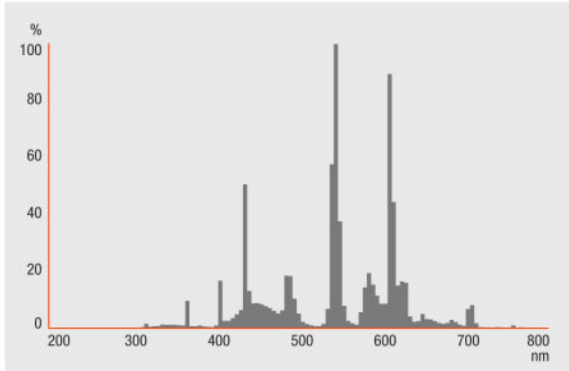
#### Certificates & standards

<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	12 kWh/1000h
<b>Energy efficiency class</b>	A

#### Country-specific categorizations

<b>ILCOS</b>	FSD-9/840-I-G23
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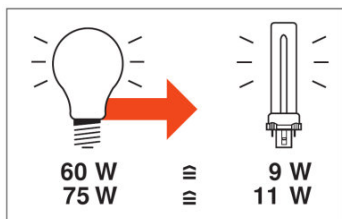
Light Distribution



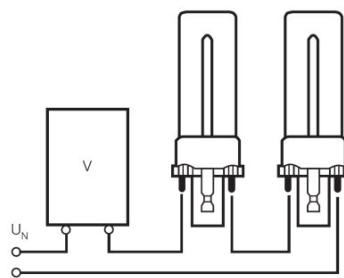
Spectral power distribution

EQUIPMENT / ACCESSORIES

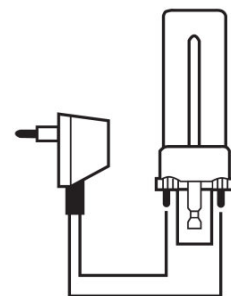
- Suitable for operation on conventional control gear



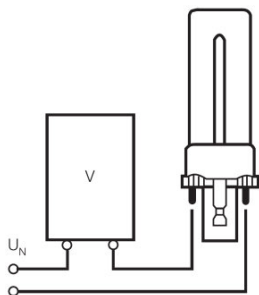
Others graphics



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
4050300010588	DULUX S 9 W/840	Shipping carton box 10	113 mm x 163 mm x 126 mm	2.32 dm <sup>3</sup>	410.00 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.