

## DULUX S 9 W/840

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

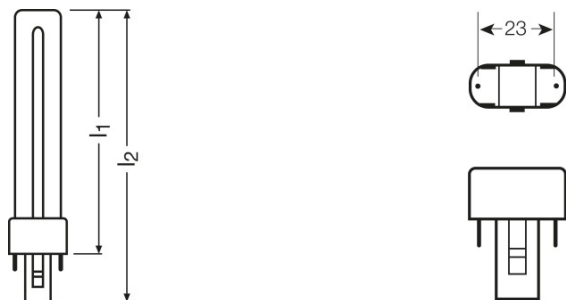
### Electrical data

Nominal wattage	8.70 W
Rated wattage	8.70 W

### Photometrical data

Nominal luminous flux	600 lm
Rated luminous flux	600 lm
Color temperature	4000 K
Light color	840
Light color as per EN 12464-1	LUMILUX Cool White
Color rendering index Ra	80...89
Luminous flux at 25 °C	600 lm
Rated LLMF at 4,000 h	0.80
Rated LLMF at 6,000 h	0.77
Rated LLMF at 8,000 h	0.75
Luminance	2.8 cd/cm <sup>2</sup>
Color rendering group	1B

### Dimensions & weight



Overall length	167.0 mm
Product weight	28.80 g
Tube diameter	12 mm
Length	167.0 mm
Length acc. to IEC standard	145 mm
Length with base excl. base pins/connection	144.00 mm

### Temperatures

## Product datasheet

Rated ambient temp.w.max.luminous flux	25.0 °C
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### 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	0.99
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	1.4 mg
Appropriate disposal acc. to WEEE	Yes

### Capabilities

Suitable for indoor	Yes
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### Certificates & standards

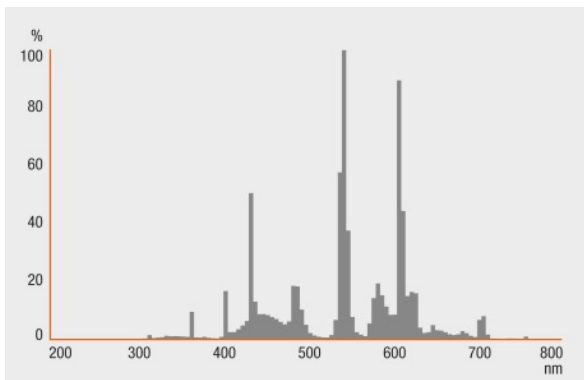
Energy efficiency class	A
Energy consumption	12 kWh/1000h

### Country specific categorizations

ILCOS	FSD-9/840-I-G23
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## Light Distribution

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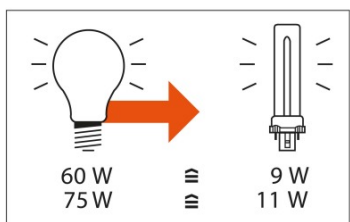


Spectral power distribution

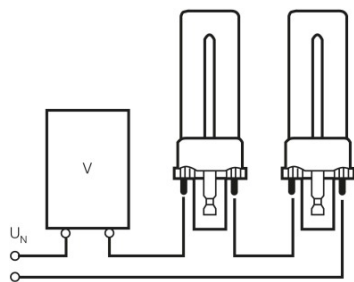
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## Equipment / Accessories

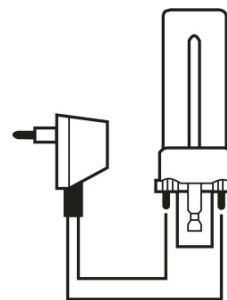
- Suitable for operation on conventional control gear



Others graphics

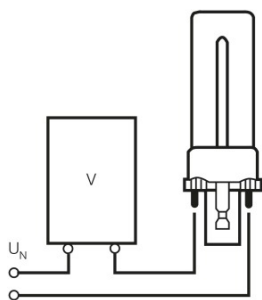


Circuit diagram



Circuit diagram

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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.