

PRODUCT DATASHEET

DULUX S 9 W/830

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

- Color rendering index $R_a : \geq 80$
- Short and compact pin-base lamps with single-turn tubes
- Single-ended two-pin plug-in G23 base



TECHNICAL DATA

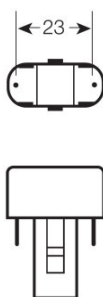
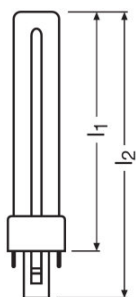
Electrical data

Nominal voltage	60 V
Rated wattage	9.10 W
Nominal wattage	9.10 W
Nominal current	0.17 A

Photometrical data

Nominal luminous flux	600 lm
Luminous flux at 25 °C	600 lm
Rated luminous flux	600 lm
Rated color temperature	3000 K
Color rendering index Ra	≥80
Rated LLMF at 2,000 h	0.85
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75
Light color (designation)	LUMILUX Warm White
Color temperature	3000 K
Luminous flux	600 lm
Color rendering index Ra	≥80

Dimensions & weight



Diameter	12.0 mm
Overall length	166.5 mm
Length	168.0 mm
Length acc. to IEC standard	145 mm
Length with base excl. base pins/connection	144.00 mm
Outer bulb	T12

Maximum diameter	11.0 mm
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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 ¹⁾

¹⁾ With CCG/LLCG

Additional product data

Base (standard designation)	G23
Mercury content	1.6 mg

Capabilities

Dimmable	No
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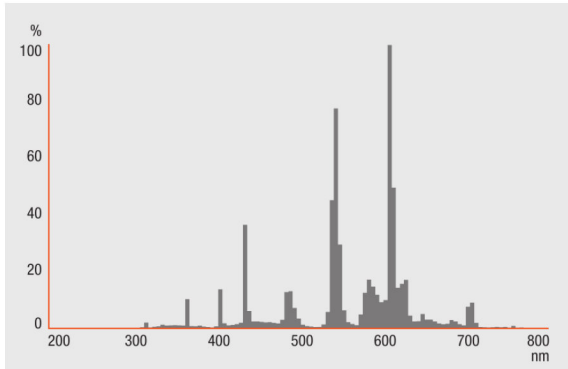
Certificates & standards

Energy consumption	12 kWh/1000h
Energy efficiency class	G

Country-specific categorizations

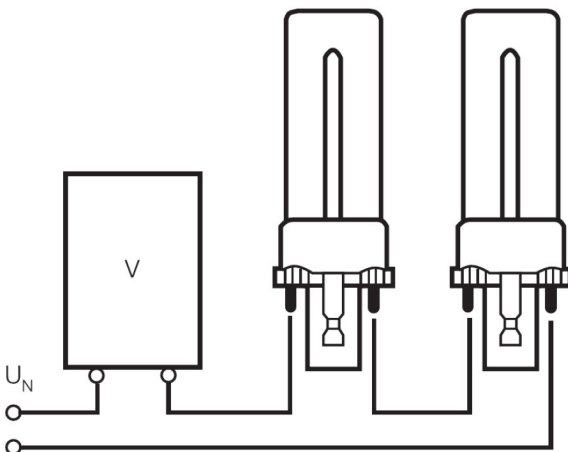
ILCOS	FSD-9/830-I-G23
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Light Distribution

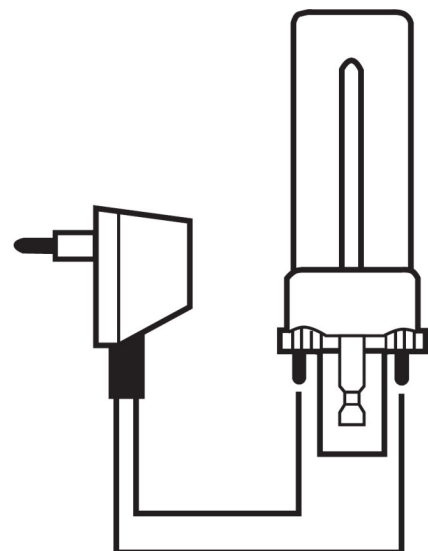


Spectral power distribution

Wiring Diagram



Wiring diagram



Wiring diagram