DULUX S 9 W/827

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

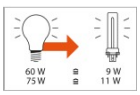
- Extremly economical
- Good quality of light
- Extremely low profile
- Long service life
- Improved maintenance

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







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Technical data

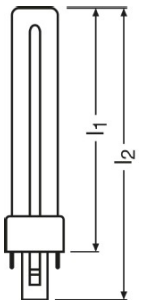
Electrical data

Nominal wattage	9 W
Rated lamp efficacy (standard condition)	69 lm/W
Rated wattage	8.7 W
Energy consumption	12 kWh/1000h

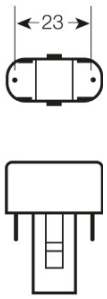
Light technical data

Nominal luminous flux	600 lm
Color temperature	2700 K
Color rendering index Ra	80...89
Rated luminous flux	600 lm
Luminous flux at 25 °C	600 lm
Light color	827
Light color as per EN 12464-1	LUMILUX INTERNA
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
Luminance	2.8 cd/cm²

Dimensions & weight



Product line drawing



Base

Overall length	167.0 mm
Tube diameter	12 mm
Length	167.0 mm

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Length acc. to IEC standard	145 mm
Length with base excl. base pins/connection	144.00 mm

Colors & materials

Lamp mercury content	1.4 mg

Temperatures

Rated ambient temp.w.max.luminous flux	25.0 °C

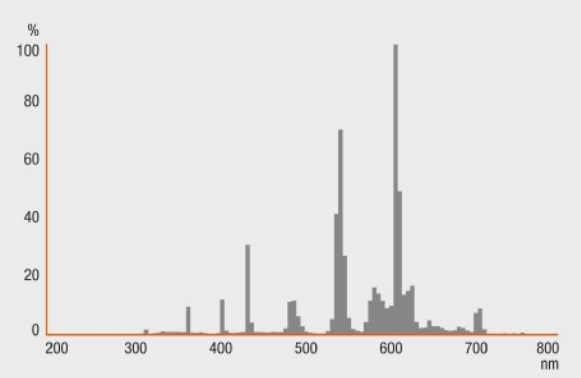
Lifespan

Nominal 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)]
Rated lamp life time	10000 h

[1)] With CCG/LLCG

Additional product data

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Spectral power distribution

Base (standard designation)	G23
Appropriate disposal acc. to WEEE	Yes

Capabilities

Suitable for indoor	Yes

Certificates & standards

Energy efficiency class	A

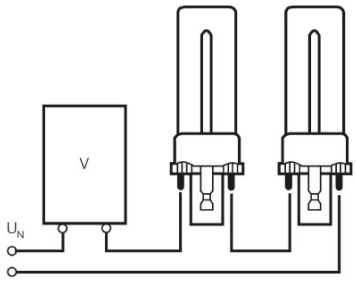
Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300006000	OSRDS9827	8330016	4933851	-
4050300006093	OSRDS9827BLI	-	-	-
4050300229812	OSRDS941IF	-	-	-

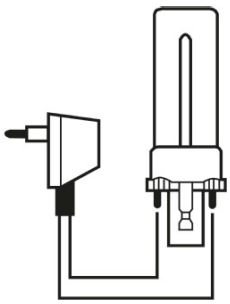
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Equipment / Accessories

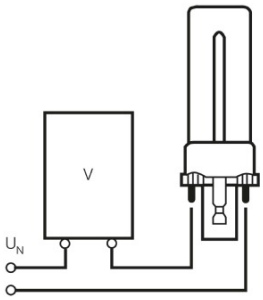
• Suitable for operation on conventional control gear



Circuit diagram



Circuit diagram



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300006000	DULUX S 9 W/827	Folding carton box 1	36 mm x 23 mm x 171 mm	0.14 dm³	36.90 g
4008321908773	DULUX S 9 W/827	Shipping carton box 10	82 mm x 174 mm x 136 mm	1.94 dm³	421.00 g
4050300006093	DULUX S 9 W/827	Blister 1	65 mm x 22 mm x 245 mm	0.35 dm³	39.90 g
4050300229805	DULUX S 9 W/827	Shipping carton box 10	121 mm x 101 mm x 262 mm	3.20 dm³	499.00 g
4050300229812	DULUX S 9 W/827	Unpacked 1	36 mm x 23 mm x 170 mm	0.14 dm³	35.80 g
4050300229829	DULUX S 9 W/827	Shipping carton box 50	191 mm x 183 mm x 241 mm	8.42 dm³	1920.00 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.

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