

PRODUCT DATASHEET

DULUX S 7 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

- 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



TECHNICAL DATA

Electrical data

Nominal wattage	7.00 W
Rated wattage	7.10 W

Photometrical data

Nominal luminous flux	400 lm
Light color (designation)	LUMILUX INTERNA
Luminous flux at 25 °C	400 lm
Rated luminous flux	402 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	400 lm
Color rendering index Ra	≥80

— Dimensions & weight



Overall length	135.0 mm
Length	137.0 mm
Length acc. to IEC standard	115 mm
Length with base excl. base pins/connection	114.00 mm
Outer bulb	T12
Maximum diameter	12.0 mm

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	1.3 mg

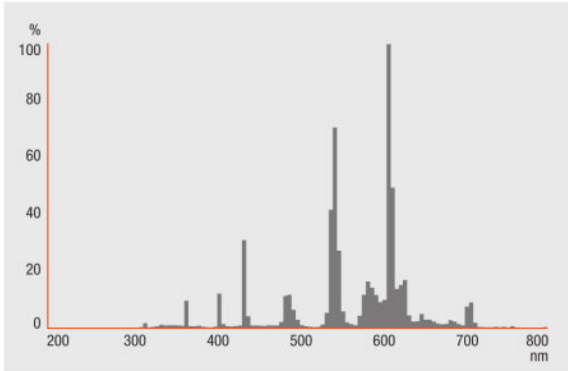
Certificates & standards

Energy efficiency class	B
Energy consumption	10 kWh/1000h
Energy efficiency class	B

Country-specific categorizations

ILCOS	FSD-7/827-I-G23
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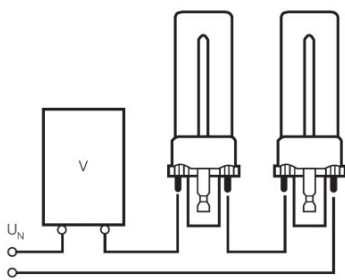
Light Distribution



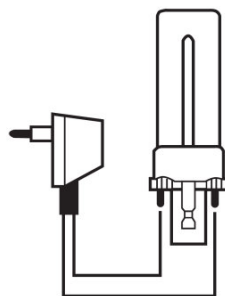
Spectral power distribution

EQUIPMENT / ACCESSORIES

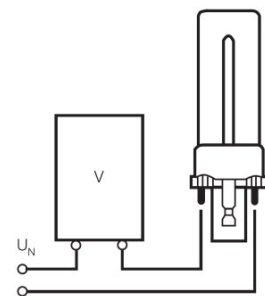
- Suitable for operation on conventional control gear



Circuit diagram



Circuit diagram



Circuit diagram

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300005997	DULUX S 7 W/827	Shipping carton box 10	134 mm x 126 mm x 100 mm	1.69 dm ³	347.00 g

4050300006086	DULUX S 7 W/827	Shipping carton box 10	156 mm x 209 mm x 121 mm	3.95 dm ³	440.00 g
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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.