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

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

PRODUCT FEATURES

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

TECHNICAL DATA

Electrical data

Rated wattage	7.10 W
Nominal wattage	7.00 W

Photometrical data

Nominal luminous flux	400 lm
Luminous flux at 25 °C	400 lm
Rated luminous flux	400 lm
Rated color temperature	2700 K
Color rendering index Ra	80...90
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 INTERNA
Color temperature	2700 K
Luminous flux	400 lm
Color rendering index Ra	80...90

Dimensions & weight

Diameter	12.0 mm
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	11.0 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

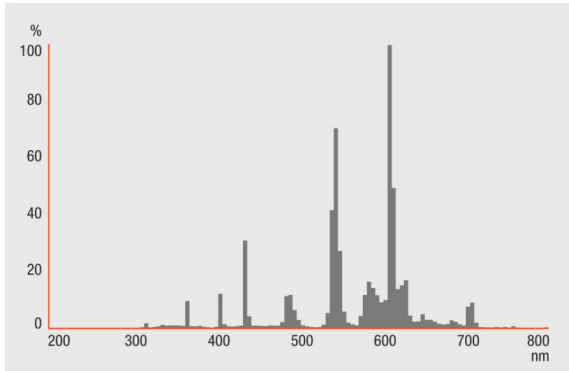|	
Base (standard designation)	G23
Mercury content	1.3 mg

Certificates & standards

Energy consumption	10 kWh/1000h
Energy efficiency class	B

Country-specific categorizations

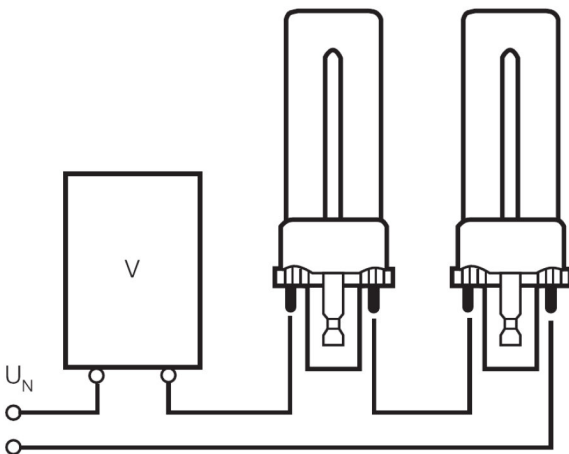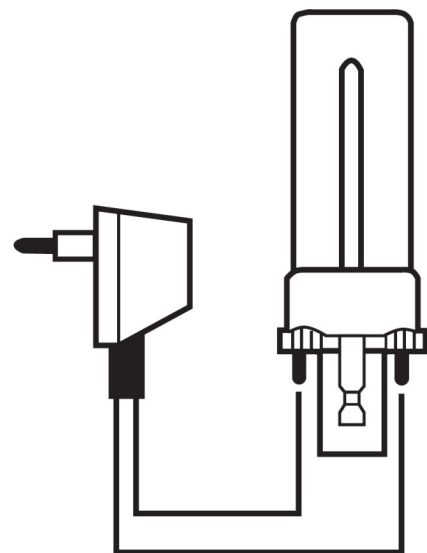|	
ILCOS	FSD-7/827-I-G23

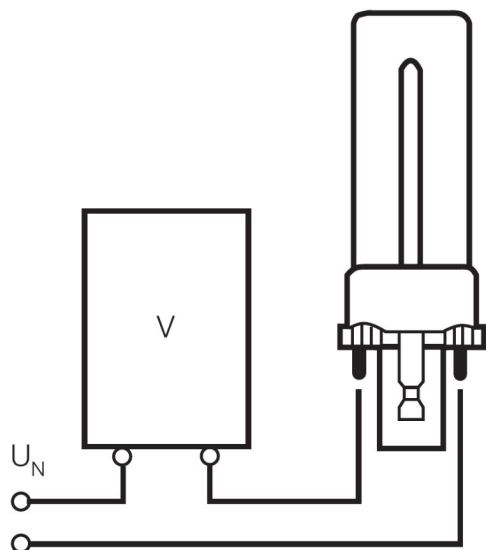## Light Distribution

Spectral power distribution

Wiring Diagram

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Wiring diagram

Wiring diagram

Wiring diagram

EQUIPMENT / ACCESSORIES

– Suitable for operation on conventional control gear

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300005997	Folding carton box 1	23 mm x 36 mm x 139 mm	31.00 g	0.12 dm³
4008321908766	Shipping carton box 10	134 mm x 126 mm x 100 mm	347.00 g	1.69 dm³

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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