

# PRODUCT DATASHEET

## DULUX S 7 W/840

OSRAM DULUX S | Short CFLni, with 2-pin base for CCG operation



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### AREAS OF APPLICATION

- Ideal for cost-effective creative illumination and decoration
- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants

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### PRODUCT BENEFITS

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

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### 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	47 V
Rated wattage	7.10 W
Nominal wattage	7.10 W
Nominal current	0.18 A

Photometrical data

Nominal luminous flux	400 lm
Luminous flux at 25 °C	400 lm
Rated luminous flux	400 lm
Rated color temperature	4000 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 Cool White
Color temperature	4000 K
Luminous flux	400 lm
Color rendering index Ra	≥80

Dimensions & weight



Diameter	12.0 mm
Overall length	136.5 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

<b>Maximum diameter</b>	11.0 mm
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### Lifespan

<b>Nominal lamp life time</b>	10000 h
<b>Rated lamp life time</b>	10000 h
<b>Service life</b>	6500 h
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.95
<b>Rated lamp survival factor at 8,000 h</b>	0.81
<b>Operation mode LLMF/LSF</b>	50 Hz
<b>Lifespan</b>	10000 h <sup>1)</sup>

<sup>1)</sup> With CCG/LLCG

### Additional product data

<b>Base (standard designation)</b>	G23
<b>Mercury content</b>	1.6 mg

### Certificates & standards

<b>Energy consumption</b>	10 kWh/1000h
<b>Energy efficiency class</b>	G

### Country-specific categorizations

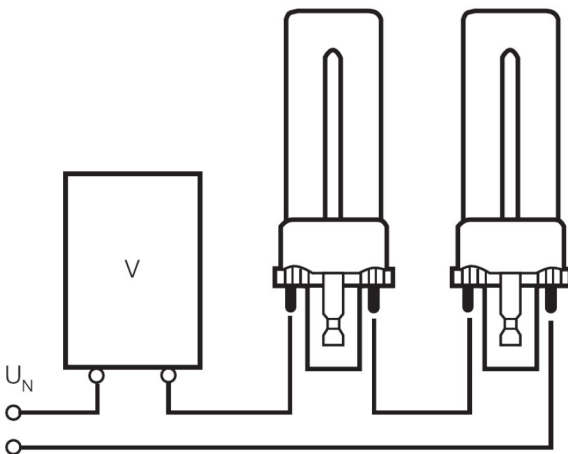
<b>ILCOS</b>	FSD-7/840-I-G23
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Light Distribution

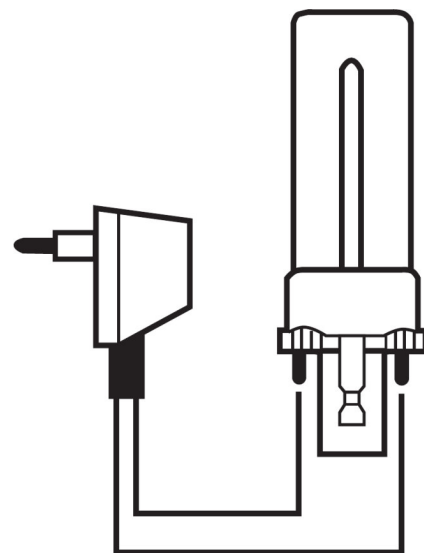


Spectral power distribution

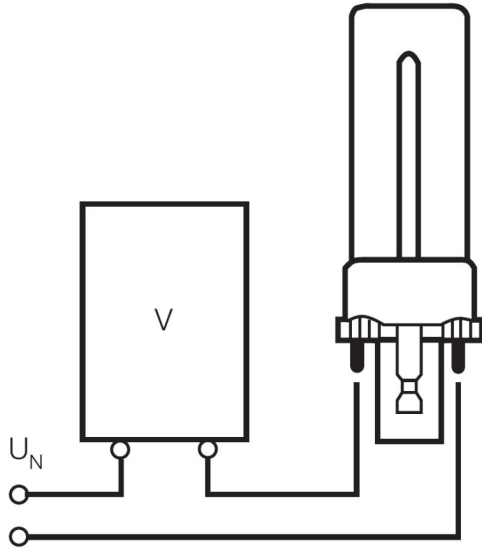
Wiring Diagram



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
4050300010571	Folding carton box 1	23 mm x 36 mm x 139 mm	31.00 g	0.12 dm <sup>3</sup>
4050300240886	Shipping carton box 10	135 mm x 140 mm x 82 mm	347.00 g	1.55 dm <sup>3</sup>

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.