

# PRODUCT DATASHEET

## DULUX S 11 W/830

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

|                        |         |
|------------------------|---------|
| <b>Rated wattage</b>   | 11.80 W |
| <b>Nominal wattage</b> | 11.00 W |

Photometrical data

|                                  |                    |
|----------------------------------|--------------------|
| <b>Nominal luminous flux</b>     | 900 lm             |
| <b>Luminous flux at 25 °C</b>    | 900 lm             |
| <b>Rated luminous flux</b>       | 900 lm             |
| <b>Rated color temperature</b>   | 3000 K             |
| <b>Color rendering index Ra</b>  | ≥80                |
| <b>Rated LLMF at 2,000 h</b>     | 0.85               |
| <b>Rated LLMF at 4,000 h</b>     | 0.80               |
| <b>Rated LLMF at 6,000 h</b>     | 0.77               |
| <b>Rated LLMF at 8,000 h</b>     | 0.75               |
| <b>Light color (designation)</b> | LUMILUX Warm White |
| <b>Color temperature</b>         | 3000 K             |
| <b>Luminous flux</b>             | 900 lm             |
| <b>Color rendering index Ra</b>  | ≥80                |

— **Dimensions & weight**



|  |           |
|--|-----------|
| <b>Overall length</b>                              | 235.0 mm  |
| <b>Length</b>                                      | 237.0 mm  |
| <b>Length acc. to IEC standard</b>                 | 215 mm    |
| <b>Length with base excl. base pins/connection</b> | 214.00 mm |
| <b>Outer bulb</b>                                  | T12       |
| <b>Maximum diameter</b>                            | 12.0 mm   |

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>             | 1.3 mg |

Certificates & standards

|                                |              |
|--------------------------------|--------------|
| <b>Energy consumption</b>      | 15 kWh/1000h |
| <b>Energy efficiency class</b> | A            |

Country-specific categorizations

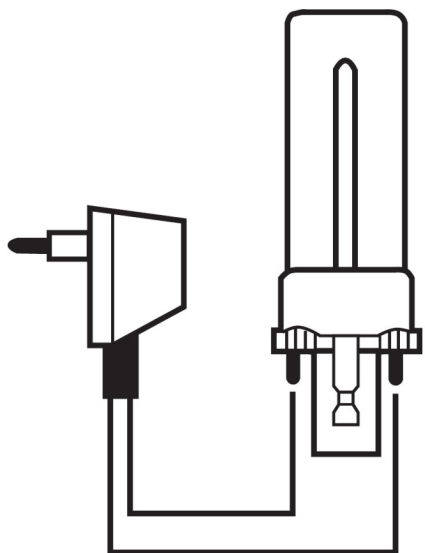
|              |                  |
|--------------|------------------|
| <b>ILCOS</b> | FSD-11/830-I-G23 |
|--------------|------------------|

Light Distribution

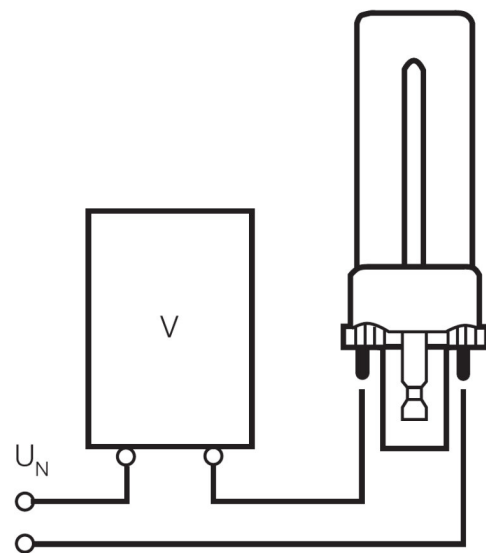


Spectral power distribution

Wiring Diagram



Wiring diagram



Wiring diagram

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**EQUIPMENT / ACCESSORIES**

- Suitable for operation on conventional control gear

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**LOGISTICAL DATA**

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4050300025759 | Folding carton box<br>1      | 239 mm x 23 mm x 36 mm               | 49.38 g      | 0.20 dm <sup>3</sup> |
| 4050300258010 | Shipping carton box<br>10    | 85 mm x 126 mm x 250 mm              | 546.77 g     | 2.68 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.

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**DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.