

# PRODUCT DATASHEET

## DULUX S/E 7 W/840

OSRAM DULUX S/E | Short CFLni, with 4-pin base for ECG operation



### AREAS OF APPLICATION

- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants

### PRODUCT BENEFITS

- Extremely economical
- Good quality of light
- Improved maintenance
- Low power consumption (7 W, 9 W, 11 W)
- Long service life
- Extremely low profile

### PRODUCT FEATURES

- Average life: 20,000 h (with QUICKTRONIC)
- Color rendering index  $R_a: \geq 80$
- Dimmable (3...100 %)
- Short and compact pin-base lamps with single-turn tubes
- Single-ended four-pin plug-in 2G7 base
- Operates on battery, solar and AC power with suitable electronic control gear



## TECHNICAL DATA

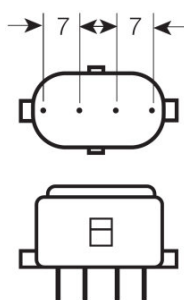
### Electrical data

Nominal voltage	47 V
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	7.30 W
Nominal wattage	7.30 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	0.90
Rated LLMF at 4,000 h	0.84
Rated LLMF at 6,000 h	0.82
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.78
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	121.8 mm
Length	121.8 mm
Length acc. to IEC standard	115 mm

<b>Outer bulb</b>	T12
<b>Maximum diameter</b>	11.0 mm

### Lifespan

<b>Nominal lamp life time</b>	12000 h
<b>Rated lamp life time</b>	12000 h
<b>Service life</b>	13000 h <sup>1)</sup>
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.98
<b>Rated lamp survival factor at 6,000 h</b>	0.94
<b>Rated lamp survival factor at 8,000 h</b>	0.84
<b>Rated lamp survival factor at 12,000 h</b>	0.50
<b>Operation mode LLMF/LSF</b>	HF
<b>Lifespan</b>	20000 h <sup>1)</sup>

<sup>1)</sup> With preheat ECG

### Additional product data

<b>Base (standard designation)</b>	2G7
<b>Mercury content</b>	1.6 mg
<b>Product remark</b>	For ECG operation only

### Capabilities

<b>Dimmable</b>	Yes
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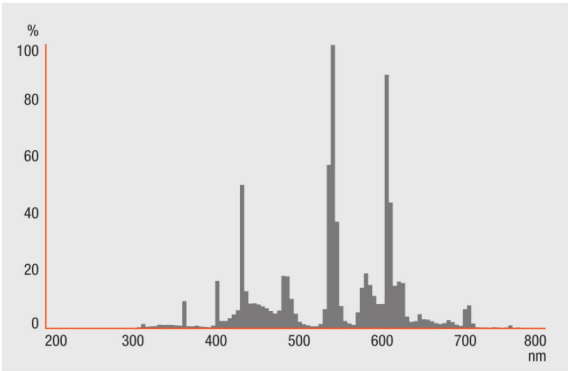
### Certificates & standards

<b>Energy consumption</b>	8 kWh/1000h
<b>Energy efficiency class</b>	G

### Country-specific categorizations

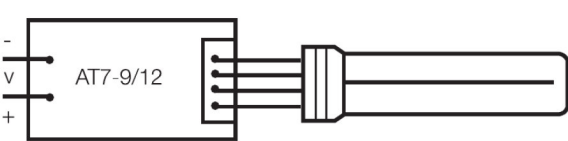
<b>ILCOS</b>	FSDH-7/840-/P/-2G7
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Light Distribution

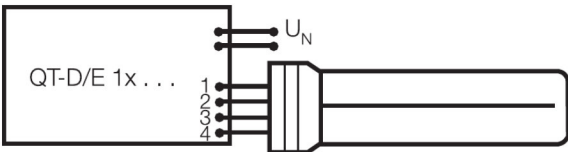


Spectral power distribution

Wiring Diagram



Wiring diagram



Wiring diagram