

# PRODUCT DATASHEET

## DULUX S/E 7 W/840

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



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### AREAS OF APPLICATION

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

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### 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

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### PRODUCT FEATURES

- Average life: 20,000 h (with QUICKTRONIC)
- Color rendering index  $R_a$ : 80...89
- 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 wattage	7.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	7.10 W

Photometrical data

Nominal luminous flux	400 lm
Light color (designation)	LUMILUX Cool White
Luminous flux at	400 lm
Rated luminous flux	402 lm
Rated color temperature	4000 K
Color rendering index Ra	80...89
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.84
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.76

Dimensions & weight



Overall length	112.0 mm
Length	114.0 mm
Length acc. to IEC standard	115 mm
Outer bulb	T12
Maximum diameter	12.0 mm

Lifespan

<b>Nominal lamp life time</b>	20000 h
<b>Rated lamp life time</b>	20000 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>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.96
<b>Rated lamp survival factor at 8,000 h</b>	0.99
<b>Rated lamp survival factor at 12,000 h</b>	0.95
<b>Rated lamp survival factor at 16,000 h</b>	0.81
<b>Rated lamp survival factor at 20,000 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>	1.3 mg
<b>Product remark</b>	For ECG operation only

#### Capabilities

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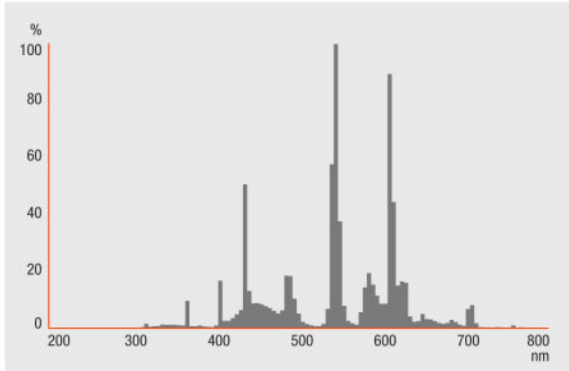
#### Certificates & standards

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

#### Country specific categorizations

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



Spectral power distribution

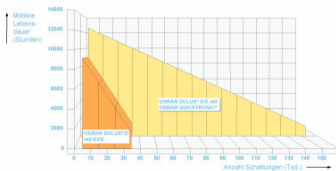
EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic control gear

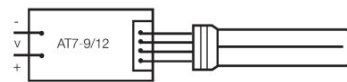
SAFETY ADVICE

In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)

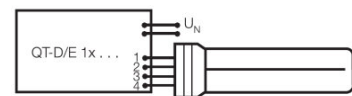
OSRAM DULUX® D / KVG und OSRAM DULUX® DIE / QUICKTRONIC®



Others graphics



Circuit diagram



Circuit diagram

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300020167	DULUX S/E 7 W/840	Shipping carton box 10	110 mm x 125 mm x 126 mm	1.73 dm <sup>3</sup>	321.00 g

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.

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

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at	Number of lighting outlets	EEI – Energy Label
DULUX S/E 7 W/840	QT-ECO 1x4-16/220-240 L	4050300660370	0.06 A	9.00 W	400 lm	1	A3
	QT-ECO 1x4-16/220-240 S	4050300638584	0.06 A	9.00 W	400 lm	1	A3
	QT-ECO 2x5-11/220-240 S	4050300821504	0.11 A	15.00 W	400 lm	2	A2 BAT