

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

Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	7.10 W
Nominal wattage	7.10 W

Photometrical data

Nominal luminous flux	400 lm
Luminous flux at 25 °C	400 lm
Rated luminous flux	402 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	0.86
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
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Luminous flux	400 lm
Color rendering index Ra	≥80

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
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Lifespan

Nominal lamp life time	20000 h
Rated lamp life time	20000 h
Service life	13000 h ¹⁾
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	0.96
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.95
Rated lamp survival factor at 16,000 h	0.81
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF
Lifespan	20000 h ¹⁾

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	2G7
Mercury content	1.3 mg
Product remark	For ECG operation only

Capabilities

Dimmable	Yes
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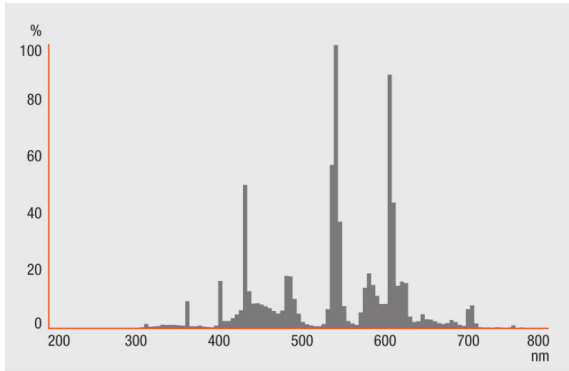
Certificates & standards

Energy consumption	8 kWh/1000h
Energy efficiency class	A

Country-specific categorizations

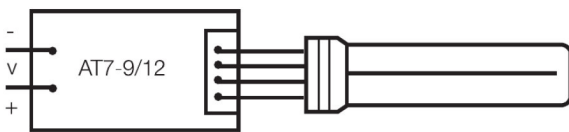
ILCOS	FSDH-7/840-/P/-2G7
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Light Distribution

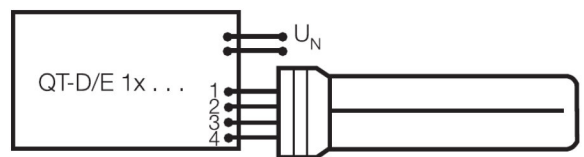


Spectral power distribution

Wiring Diagram



Wiring diagram



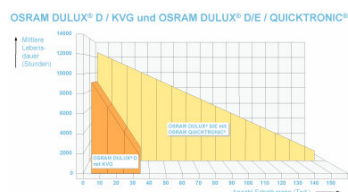
Wiring diagram

EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic control gear

SAFETY ADVICE

In case of lamp breakage: www.ledvance.com/brokenlamp



Others graphics

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300020167	Folding carton box 1	129 mm x 23 mm x 39 mm	31.17 g	0.12 dm ³
4050300252971	Shipping carton box 10	110 mm x 125 mm x 126 mm	321.00 g	1.73 dm ³

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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Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 25 °C	Number of lighting outlets	EEI – Energy Label
DULUX S/E 7 W/840	QT-ECO 1x4-16/220-240 L		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